EPA SAMPLE NO.

MYCZ59

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-01

% Solids: 99.3 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.21	J	12/13/2024	1849
7440-38-2	Arsenic	41	*	12/13/2024	1849
7440-39-3	Barium	130		12/13/2024	1849
7440-41-7	Beryllium	0.50		12/13/2024	1849
7440-43-9	Cadmium	0.81		12/13/2024	1849
7440-47-3	Chromium	26		12/13/2024	1849
7440-48-4	Cobalt	16	*	12/13/2024	1849
7440-50-8	Copper	65		12/13/2024	1849
7439-92-1	Lead	53		12/13/2024	1849
7440-02-0	Nickel	19		12/13/2024	1849
7782-49-2	Selenium	1.8	U	12/13/2024	1849
7440-22-4	Silver	0.21	J	12/13/2024	1849
7440-28-0	Thallium	0.14	J	12/13/2024	1849
7440-62-2	Vanadium	65		12/13/2024	1849
7440-66-6	Zinc	190		12/13/2024	1849

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZ60

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-02

% Solids: 95.7 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.42	J	12/13/2024	1852
7440-38-2	Arsenic	37	*	12/13/2024	1852
7440-39-3	Barium	230		12/13/2024	1852
7440-41-7	Beryllium	0.67		12/13/2024	1852
7440-43-9	Cadmium	1.2		12/13/2024	1852
7440-47-3	Chromium	28		12/13/2024	1852
7440-48-4	Cobalt	16	*	12/13/2024	1852
7440-50-8	Copper	64		12/13/2024	1852
7439-92-1	Lead	78		12/13/2024	1852
7440-02-0	Nickel	23		12/13/2024	1852
7782-49-2	Selenium	0.39	J	12/13/2024	1852
7440-22-4	Silver	0.36	J	12/13/2024	1852
7440-28-0	Thallium	0.14	J	12/13/2024	1852
7440-62-2	Vanadium	53		12/13/2024	1852
7440-66-6	Zinc	270		12/13/2024	1852

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZ61

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-03

% Solids: 98.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.42	J	12/13/2024	1855
7440-38-2	Arsenic	33	*	12/13/2024	1855
7440-39-3	Barium	130		12/13/2024	1855
7440-41-7	Beryllium	0.47		12/13/2024	1855
7440-43-9	Cadmium	0.55		12/13/2024	1855
7440-47-3	Chromium	21		12/13/2024	1855
7440-48-4	Cobalt	15	*	12/13/2024	1855
7440-50-8	Copper	49		12/13/2024	1855
7439-92-1	Lead	41		12/13/2024	1855
7440-02-0	Nickel	16		12/13/2024	1855
7782-49-2	Selenium	1.9	U	12/13/2024	1855
7440-22-4	Silver	0.19	J	12/13/2024	1855
7440-28-0	Thallium	0.11	J	12/13/2024	1855
7440-62-2	Vanadium	57		12/13/2024	1855
7440-66-6	Zinc	140		12/13/2024	1855

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZ62

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-04

% Solids: 95.3 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.40	J	12/13/2024	1858
7440-38-2	Arsenic	52	*	12/13/2024	1858
7440-39-3	Barium	190		12/13/2024	1858
7440-41-7	Beryllium	0.58		12/13/2024	1858
7440-43-9	Cadmium	0.98		12/13/2024	1858
7440-47-3	Chromium	25		12/13/2024	1858
7440-48-4	Cobalt	15	*	12/13/2024	1858
7440-50-8	Copper	56		12/13/2024	1858
7439-92-1	Lead	78		12/13/2024	1858
7440-02-0	Nickel	22		12/13/2024	1858
7782-49-2	Selenium	0.52	J	12/13/2024	1858
7440-22-4	Silver	0.41		12/13/2024	1858
7440-28-0	Thallium	0.15	J	12/13/2024	1858
7440-62-2	Vanadium	51		12/13/2024	1858
7440-66-6	Zinc	270		12/13/2024	1858

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZ63

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-05

% Solids: 93.5 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.1		12/13/2024	1901
7440-38-2	Arsenic	150	*	12/13/2024	1901
7440-39-3	Barium	240		12/13/2024	1901
7440-41-7	Beryllium	0.64		12/13/2024	1901
7440-43-9	Cadmium	1.6		12/13/2024	1901
7440-47-3	Chromium	25		12/13/2024	1901
7440-48-4	Cobalt	15	*	12/13/2024	1901
7440-50-8	Copper	61		12/13/2024	1901
7439-92-1	Lead	210		12/13/2024	1901
7440-02-0	Nickel	21		12/13/2024	1901
7782-49-2	Selenium	1.8	J	12/13/2024	1901
7440-22-4	Silver	1.0		12/13/2024	1901
7440-28-0	Thallium	0.19	J	12/13/2024	1901
7440-62-2	Vanadium	56		12/13/2024	1901
7440-66-6	Zinc	440		12/13/2024	1901

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZ64

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-06

% Solids: 99.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.27	J	12/13/2024	1904
7440-38-2	Arsenic	35	*	12/13/2024	1904
7440-39-3	Barium	150		12/13/2024	1904
7440-41-7	Beryllium	0.53		12/13/2024	1904
7440-43-9	Cadmium	0.68		12/13/2024	1904
7440-47-3	Chromium	27		12/13/2024	1904
7440-48-4	Cobalt	15	*	12/13/2024	1904
7440-50-8	Copper	62		12/13/2024	1904
7439-92-1	Lead	56		12/13/2024	1904
7440-02-0	Nickel	21		12/13/2024	1904
7782-49-2	Selenium	0.29	J	12/13/2024	1904
7440-22-4	Silver	0.19	J	12/13/2024	1904
7440-28-0	Thallium	0.13	J	12/13/2024	1904
7440-62-2	Vanadium	55		12/13/2024	1904
7440-66-6	Zinc	210		12/13/2024	1904

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZ65

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-07

% Solids: 96.9 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.31	J	12/13/2024	1907
7440-38-2	Arsenic	34	*	12/13/2024	1907
7440-39-3	Barium	180		12/13/2024	1907
7440-41-7	Beryllium	0.61		12/13/2024	1907
7440-43-9	Cadmium	0.60		12/13/2024	1907
7440-47-3	Chromium	26		12/13/2024	1907
7440-48-4	Cobalt	17	*	12/13/2024	1907
7440-50-8	Copper	54		12/13/2024	1907
7439-92-1	Lead	38		12/13/2024	1907
7440-02-0	Nickel	21		12/13/2024	1907
7782-49-2	Selenium	2.1	U	12/13/2024	1907
7440-22-4	Silver	0.19	J	12/13/2024	1907
7440-28-0	Thallium	0.14	J	12/13/2024	1907
7440-62-2	Vanadium	61		12/13/2024	1907
7440-66-6	Zinc	180		12/13/2024	1907

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZ66

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-08

% Solids: 96.7 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.22	J	12/13/2024	1910
7440-38-2	Arsenic	30	*	12/13/2024	1910
7440-39-3	Barium	170		12/13/2024	1910
7440-41-7	Beryllium	0.58		12/13/2024	1910
7440-43-9	Cadmium	0.56		12/13/2024	1910
7440-47-3	Chromium	24		12/13/2024	1910
7440-48-4	Cobalt	15	*	12/13/2024	1910
7440-50-8	Copper	51		12/13/2024	1910
7439-92-1	Lead	36		12/13/2024	1910
7440-02-0	Nickel	20		12/13/2024	1910
7782-49-2	Selenium	2.0	U	12/13/2024	1910
7440-22-4	Silver	0.18	J	12/13/2024	1910
7440-28-0	Thallium	0.13	J	12/13/2024	1910
7440-62-2	Vanadium	57		12/13/2024	1910
7440-66-6	Zinc	170		12/13/2024	1910

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZ67

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-09

% Solids: 98.4 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.17	J	12/13/2024	1913
7440-38-2	Arsenic	35	*	12/13/2024	1913
7440-39-3	Barium	160		12/13/2024	1913
7440-41-7	Beryllium	0.60		12/13/2024	1913
7440-43-9	Cadmium	0.53		12/13/2024	1913
7440-47-3	Chromium	26		12/13/2024	1913
7440-48-4	Cobalt	17	*	12/13/2024	1913
7440-50-8	Copper	49		12/13/2024	1913
7439-92-1	Lead	32		12/13/2024	1913
7440-02-0	Nickel	21		12/13/2024	1913
7782-49-2	Selenium	1.8	U	12/13/2024	1913
7440-22-4	Silver	0.16	J	12/13/2024	1913
7440-28-0	Thallium	0.14	J	12/13/2024	1913
7440-62-2	Vanadium	65		12/13/2024	1913
7440-66-6	Zinc	150		12/13/2024	1913

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZ68

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-10

% Solids: 98.8 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.15	J	12/13/2024	1916
7440-38-2	Arsenic	33	*	12/13/2024	1916
7440-39-3	Barium	130		12/13/2024	1916
7440-41-7	Beryllium	0.49		12/13/2024	1916
7440-43-9	Cadmium	0.63		12/13/2024	1916
7440-47-3	Chromium	22		12/13/2024	1916
7440-48-4	Cobalt	14	*	12/13/2024	1916
7440-50-8	Copper	56		12/13/2024	1916
7439-92-1	Lead	40		12/13/2024	1916
7440-02-0	Nickel	18		12/13/2024	1916
7782-49-2	Selenium	1.9	U	12/13/2024	1916
7440-22-4	Silver	0.20	J	12/13/2024	1916
7440-28-0	Thallium	0.12	J	12/13/2024	1916
7440-62-2	Vanadium	55		12/13/2024	1916
7440-66-6	Zinc	180		12/13/2024	1916

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYD012

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-11

% Solids: 97.5 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.26	J	12/13/2024	1919
7440-38-2	Arsenic	84	*	12/13/2024	1919
7440-39-3	Barium	150		12/13/2024	1919
7440-41-7	Beryllium	0.55		12/13/2024	1919
7440-43-9	Cadmium	1.3		12/13/2024	1919
7440-47-3	Chromium	19		12/13/2024	1919
7440-48-4	Cobalt	15	*	12/13/2024	1919
7440-50-8	Copper	96		12/13/2024	1919
7439-92-1	Lead	68		12/13/2024	1919
7440-02-0	Nickel	20		12/13/2024	1919
7782-49-2	Selenium	0.45	J	12/13/2024	1919
7440-22-4	Silver	0.42		12/13/2024	1919
7440-28-0	Thallium	0.15	J	12/13/2024	1919
7440-62-2	Vanadium	56		12/13/2024	1919
7440-66-6	Zinc	260		12/13/2024	1919

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYD013

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-12

% Solids: 97.7 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.12	J	12/13/2024	1922
7440-38-2	Arsenic	32	*	12/13/2024	1922
7440-39-3	Barium	110		12/13/2024	1922
7440-41-7	Beryllium	0.48		12/13/2024	1922
7440-43-9	Cadmium	0.50		12/13/2024	1922
7440-47-3	Chromium	15		12/13/2024	1922
7440-48-4	Cobalt	13	*	12/13/2024	1922
7440-50-8	Copper	42		12/13/2024	1922
7439-92-1	Lead	26		12/13/2024	1922
7440-02-0	Nickel	16		12/13/2024	1922
7782-49-2	Selenium	1.9	U	12/13/2024	1922
7440-22-4	Silver	0.14	J	12/13/2024	1922
7440-28-0	Thallium	0.12	J	12/13/2024	1922
7440-62-2	Vanadium	45		12/13/2024	1922
7440-66-6	Zinc	130		12/13/2024	1922

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYD014

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-13

% Solids: 97.5 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.074	J	12/13/2024	1925
7440-38-2	Arsenic	28	*	12/13/2024	1925
7440-39-3	Barium	140		12/13/2024	1925
7440-41-7	Beryllium	0.66		12/13/2024	1925
7440-43-9	Cadmium	0.43		12/13/2024	1925
7440-47-3	Chromium	20		12/13/2024	1925
7440-48-4	Cobalt	15	*	12/13/2024	1925
7440-50-8	Copper	43		12/13/2024	1925
7439-92-1	Lead	23		12/13/2024	1925
7440-02-0	Nickel	19		12/13/2024	1925
7782-49-2	Selenium	2.1	U	12/13/2024	1925
7440-22-4	Silver	0.12	J	12/13/2024	1925
7440-28-0	Thallium	0.14	J	12/13/2024	1925
7440-62-2	Vanadium	53		12/13/2024	1925
7440-66-6	Zinc	120		12/13/2024	1925

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYD015

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-14

% Solids: 98 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.11	J	12/13/2024	1928
7440-38-2	Arsenic	35	*	12/13/2024	1928
7440-39-3	Barium	110		12/13/2024	1928
7440-41-7	Beryllium	0.57		12/13/2024	1928
7440-43-9	Cadmium	0.39		12/13/2024	1928
7440-47-3	Chromium	18		12/13/2024	1928
7440-48-4	Cobalt	16	*	12/13/2024	1928
7440-50-8	Copper	42		12/13/2024	1928
7439-92-1	Lead	23		12/13/2024	1928
7440-02-0	Nickel	18		12/13/2024	1928
7782-49-2	Selenium	0.23	J	12/13/2024	1928
7440-22-4	Silver	0.079	J	12/13/2024	1928
7440-28-0	Thallium	0.11	J	12/13/2024	1928
7440-62-2	Vanadium	54		12/13/2024	1928
7440-66-6	Zinc	110		12/13/2024	1928

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYD016

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-15

% Solids: 98 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.098	J	12/13/2024	1931
7440-38-2	Arsenic	31	*	12/13/2024	1931
7440-39-3	Barium	110		12/13/2024	1931
7440-41-7	Beryllium	0.54		12/13/2024	1931
7440-43-9	Cadmium	0.40		12/13/2024	1931
7440-47-3	Chromium	18		12/13/2024	1931
7440-48-4	Cobalt	14	*	12/13/2024	1931
7440-50-8	Copper	38		12/13/2024	1931
7439-92-1	Lead	21		12/13/2024	1931
7440-02-0	Nickel	18		12/13/2024	1931
7782-49-2	Selenium	1.9	U	12/13/2024	1931
7440-22-4	Silver	0.083	J	12/13/2024	1931
7440-28-0	Thallium	0.11	J	12/13/2024	1931
7440-62-2	Vanadium	51		12/13/2024	1931
7440-66-6	Zinc	110		12/13/2024	1931

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYD017

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-16

% Solids: 98.9 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.20	J	12/13/2024	1934
7440-38-2	Arsenic	33	*	12/13/2024	1934
7440-39-3	Barium	93		12/13/2024	1934
7440-41-7	Beryllium	0.47		12/13/2024	1934
7440-43-9	Cadmium	0.46		12/13/2024	1934
7440-47-3	Chromium	19		12/13/2024	1934
7440-48-4	Cobalt	14	*	12/13/2024	1934
7440-50-8	Copper	40		12/13/2024	1934
7439-92-1	Lead	24		12/13/2024	1934
7440-02-0	Nickel	16		12/13/2024	1934
7782-49-2	Selenium	2.3	U	12/13/2024	1934
7440-22-4	Silver	0.11	J	12/13/2024	1934
7440-28-0	Thallium	0.11	J	12/13/2024	1934
7440-62-2	Vanadium	57		12/13/2024	1934
7440-66-6	Zinc	120		12/13/2024	1934

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYD018

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-17

% Solids: 98.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.18	J	12/13/2024	1937
7440-38-2	Arsenic	39	*	12/13/2024	1937
7440-39-3	Barium	110		12/13/2024	1937
7440-41-7	Beryllium	0.49		12/13/2024	1937
7440-43-9	Cadmium	0.53		12/13/2024	1937
7440-47-3	Chromium	19		12/13/2024	1937
7440-48-4	Cobalt	13	*	12/13/2024	1937
7440-50-8	Copper	39		12/13/2024	1937
7439-92-1	Lead	28		12/13/2024	1937
7440-02-0	Nickel	18		12/13/2024	1937
7782-49-2	Selenium	1.9	U	12/13/2024	1937
7440-22-4	Silver	0.15	J	12/13/2024	1937
7440-28-0	Thallium	0.11	J	12/13/2024	1937
7440-62-2	Vanadium	51		12/13/2024	1937
7440-66-6	Zinc	140		12/13/2024	1937

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYD019

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-18

% Solids: 98.3 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.15	J	12/13/2024	1940
7440-38-2	Arsenic	32	*	12/13/2024	1940
7440-39-3	Barium	140		12/13/2024	1940
7440-41-7	Beryllium	0.60		12/13/2024	1940
7440-43-9	Cadmium	0.34	J	12/13/2024	1940
7440-47-3	Chromium	21		12/13/2024	1940
7440-48-4	Cobalt	19	*	12/13/2024	1940
7440-50-8	Copper	48		12/13/2024	1940
7439-92-1	Lead	18		12/13/2024	1940
7440-02-0	Nickel	20		12/13/2024	1940
7782-49-2	Selenium	1.8	U	12/13/2024	1940
7440-22-4	Silver	0.064	J	12/13/2024	1940
7440-28-0	Thallium	0.11	J	12/13/2024	1940
7440-62-2	Vanadium	82		12/13/2024	1940
7440-66-6	Zinc	96		12/13/2024	1940

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYD020

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-19

% Solids: 97 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.14	J	12/13/2024	1944
7440-38-2	Arsenic	47	*	12/13/2024	1944
7440-39-3	Barium	160		12/13/2024	1944
7440-41-7	Beryllium	0.62		12/13/2024	1944
7440-43-9	Cadmium	0.59		12/13/2024	1944
7440-47-3	Chromium	20		12/13/2024	1944
7440-48-4	Cobalt	17	*	12/13/2024	1944
7440-50-8	Copper	54		12/13/2024	1944
7439-92-1	Lead	31		12/13/2024	1944
7440-02-0	Nickel	20		12/13/2024	1944
7782-49-2	Selenium	0.30	J	12/13/2024	1944
7440-22-4	Silver	0.16	J	12/13/2024	1944
7440-28-0	Thallium	0.16	J	12/13/2024	1944
7440-62-2	Vanadium	60		12/13/2024	1944
7440-66-6	Zinc	140		12/13/2024	1944

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYD021

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-20

% Solids: 97.9 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.10	J	12/19/2024	1829
7440-38-2	Arsenic	30	*	12/19/2024	1829
7440-39-3	Barium	140	D	12/19/2024	1853
7440-41-7	Beryllium	0.60		12/19/2024	1829
7440-43-9	Cadmium	0.29	J	12/19/2024	1829
7440-47-3	Chromium	24		12/19/2024	1829
7440-48-4	Cobalt	20	D*	12/19/2024	1853
7440-50-8	Copper	42		12/19/2024	1829
7439-92-1	Lead	16		12/19/2024	1829
7440-02-0	Nickel	23	D	12/19/2024	1853
7782-49-2	Selenium	0.45	J	12/19/2024	1829
7440-22-4	Silver	0.057	J	12/19/2024	1829
7440-28-0	Thallium	0.10	J	12/19/2024	1829
7440-62-2	Vanadium	78	D	12/19/2024	1853
7440-66-6	Zinc	89		12/19/2024	1829

NOTE: Hardness (total) is reported in mg/L

Comments:

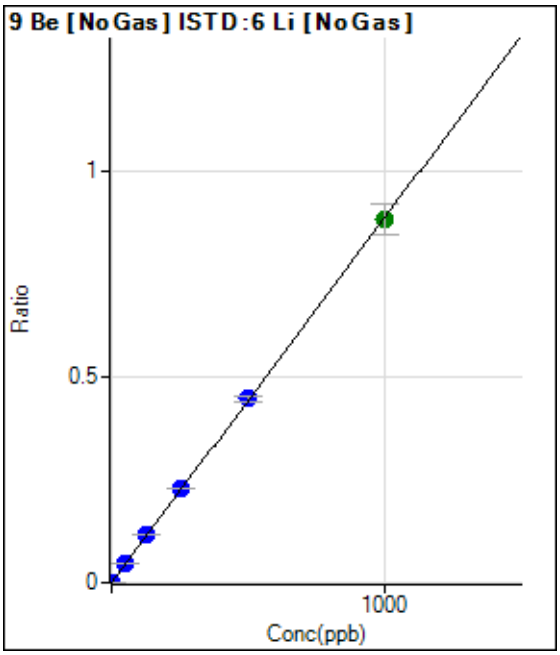
Reviewed By:mohan
On:12/18/2024
10:31:08 PM
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Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7121324 MS.b\
Analysis File: P7121324 MS.batch.bin
DA Date-Time: 2024-12-14 00:41:38
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-13 13:32:58
2	005CALS.d	S02	2024-12-13 13:36:13
3	006CALS.d	S03	2024-12-13 13:39:30
4	007CALS.d	S04	2024-12-13 13:42:25
5	008CALS.d	S05	2024-12-13 13:45:13
6	009CALS.d	S06	2024-12-13 13:47:56
7	010CALS.d	S07	2024-12-13 13:50:42
8	011CALS.d	S08	2024-12-13 13:53:26

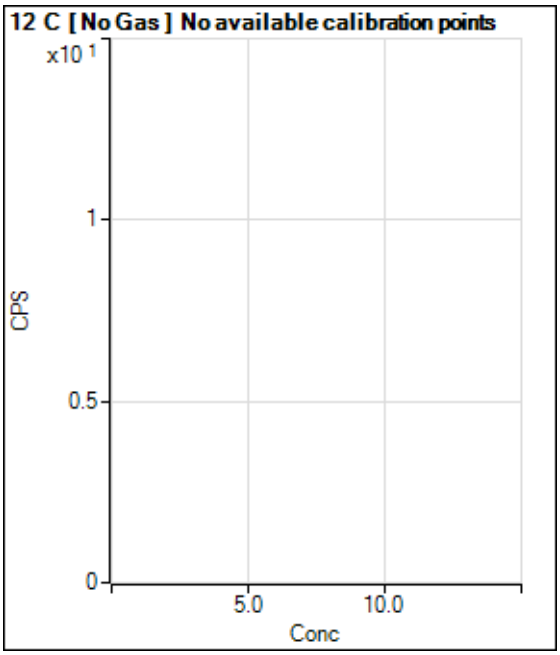
Reviewed By:mohan
On:12/18/2024
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.56	0.0000	P	32.0
2	☐	1.000	1.161	2023.48	0.0010	P	4.8
3	☐	50.000	53.576	96237.43	0.0475	P	1.2
4	☐	125.000	133.214	231040.11	0.1180	P	1.0
5	☐	250.000	257.159	443115.05	0.2277	P	0.7
6	☐	500.000	504.175	854411.05	0.4465	P	2.6
7	☐	1000.000	994.917	1672073.03	0.8810	A	8.5
8	☐			547.79	0.0003	P	20.4

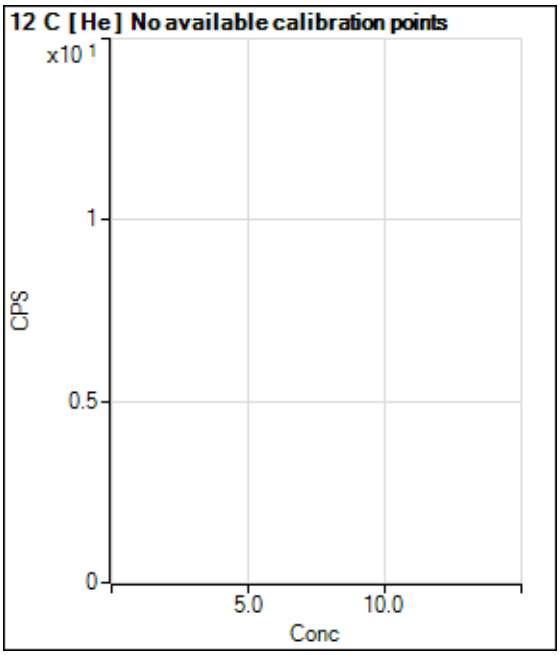
y = 8.8552E-004 * x + 1.8113E-005
R = 0.9999
DL = 0.01965
BEC = 0.02045

Weight: <None>
Min Conc: 0

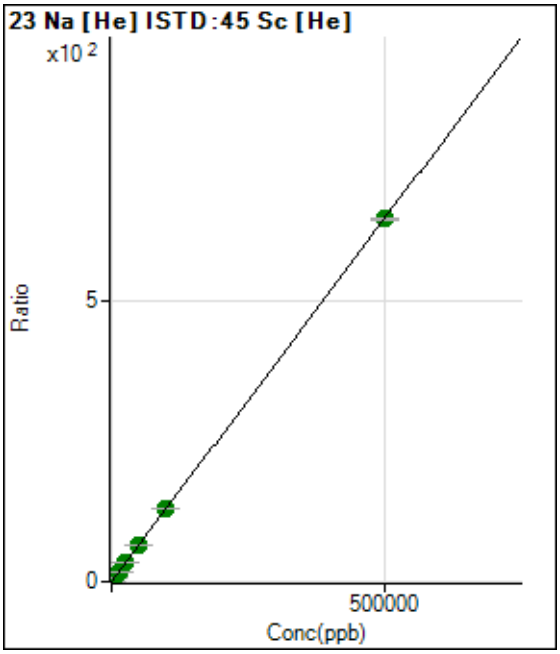


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
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6	☐						
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8	☐						

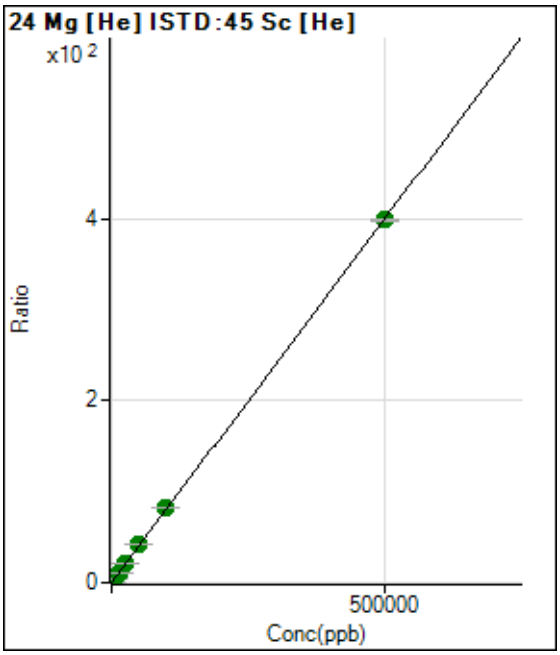


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38217.29	0.0509	P	2.2
2	☐	500.000	519.314	538066.69	0.7213	P	0.3
3	☐	5000.000	5145.767	5008822.74	6.6938	A	0.5
4	☐	12500.000	12847.118	11826373.85	16.6356	A	0.3
5	☐	25000.000	25555.017	22724950.50	33.0406	A	1.0
6	☐	50000.000	51307.884	43492873.80	66.2858	A	0.2
7	☐	100000.00	100680.85	84375634.85	130.0228	A	0.2
8	☐	500000.00	499695.13	420433055.96	645.1218	A	0.4

y = 0.0013 * x + 0.0509
R = 1.0000
DL = 2.565
BEC = 39.45

Weight: <None>
Min Conc: 0

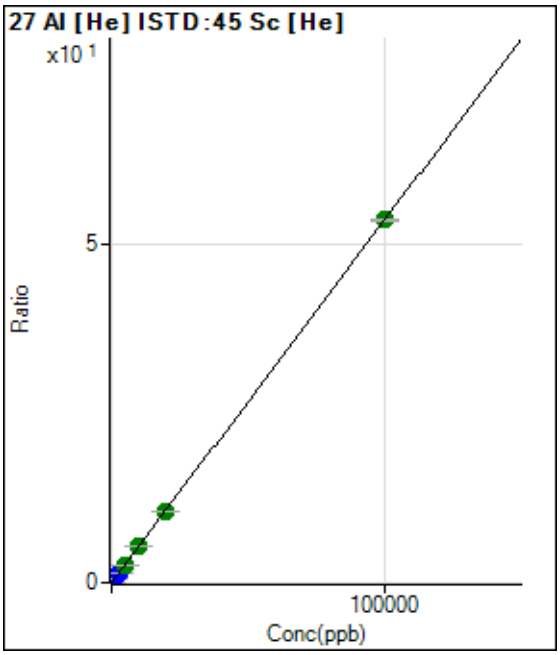
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1	☐	0.000	0.000	864.48	0.0012	P	3.6
2	☐	500.000	552.624	330080.84	0.4425	P	0.3
3	☐	5000.000	5328.428	3185296.06	4.2567	A	0.2
4	☐	12500.000	13256.512	7527283.08	10.5884	A	0.9
5	☐	25000.000	26180.843	14382158.12	20.9104	A	0.8
6	☐	50000.000	52376.911	27447040.98	41.8317	A	0.7
7	☐	100000.00	103233.83	53503185.87	82.4484	A	0.1
8	☐	500000.00	499034.25	259738385.02	398.5526	A	0.5

y = 7.9865E-004 * x + 0.0012
R = 1.0000
DL = 0.1564
BEC = 1.443

Weight: <None>
Min Conc: 0

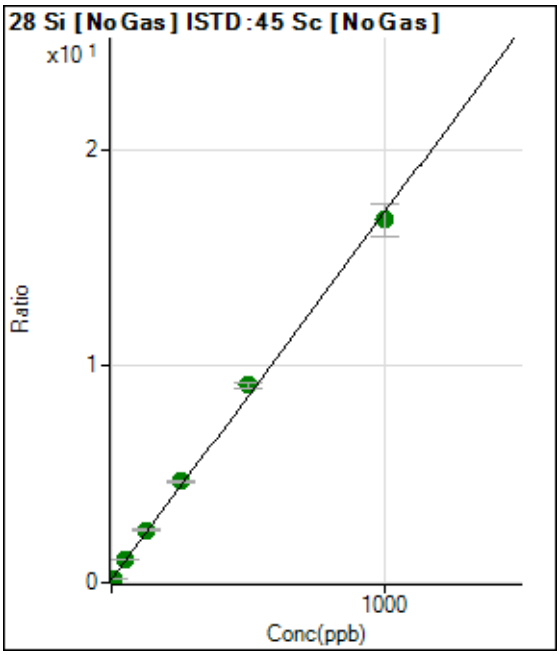


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2	☐	20.000	20.180	8294.53	0.0111	P	2.1
3	☐	1000.000	994.297	398780.12	0.5329	P	0.6
4	☐	2500.000	2469.387	940575.47	1.3231	P	0.3
5	☐	5000.000	4993.888	1840109.52	2.6753	A	1.5
6	☐	10000.000	9935.647	3492363.28	5.3224	A	0.7
7	☐	20000.000	19593.768	6811083.58	10.4959	A	0.9
8	☐	100000.00	100088.81	34942054.20	53.6139	A	0.4

y = 5.3566E-004 * x + 3.0955E-004
R = 1.0000
DL = 0.2168
BEC = 0.5779

Weight: <None>
Min Conc: 0

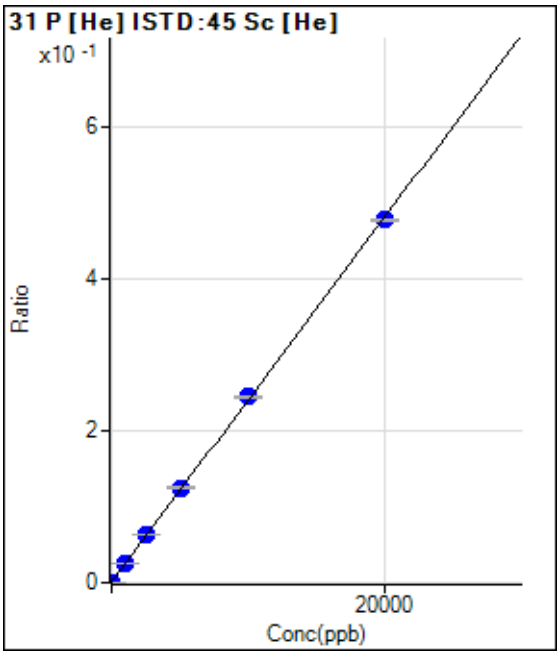
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1257398.82	0.1438	A	2.6
2	☐	10.000	0.383	1282534.08	0.1503	A	2.1
3	☐	50.000	54.195	9314410.56	1.0634	A	1.8
4	☐	125.000	134.986	20338445.81	2.4342	A	1.1
5	☐	250.000	268.031	37798886.93	4.6916	A	1.5
6	☐	500.000	528.583	71462772.27	9.1124	A	2.2
7	☐	1000.000	979.839	131641974.70	16.7690	A	9.2
8	☐			884659.66	0.1206	P	0.5

y = 0.0170 * x + 0.1438
R = 0.9990
DL = 0.6591
BEC = 8.476

Weight: <None>
Min Conc: 0

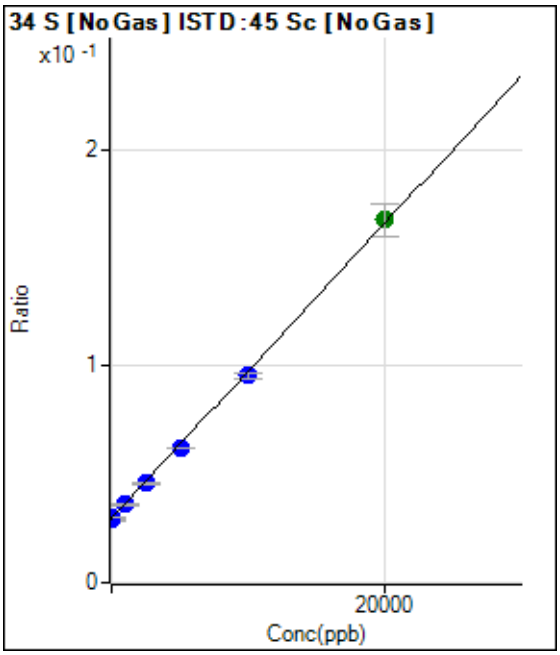


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.733	294.45	0.0004	P	0.3
2	☐	0.000	16.733	892.26	0.0012	P	4.0
3	☐	1000.000	1063.268	19703.86	0.0263	P	1.1
4	☐	2500.000	2576.718	44560.17	0.0627	P	1.6
5	☐	5000.000	5157.046	85737.03	0.1247	P	1.3
6	☐	10000.000	10164.098	160700.99	0.2449	P	0.8
7	☐	20000.000	19865.936	310141.20	0.4779	P	0.5
8	☐			348.89	0.0005	P	4.4

y = 2.4018E-005 * x + 7.9427E-004
R = 0.9999
DL = 3.083
BEC = 33.07

Weight: <None>
Min Conc: 0

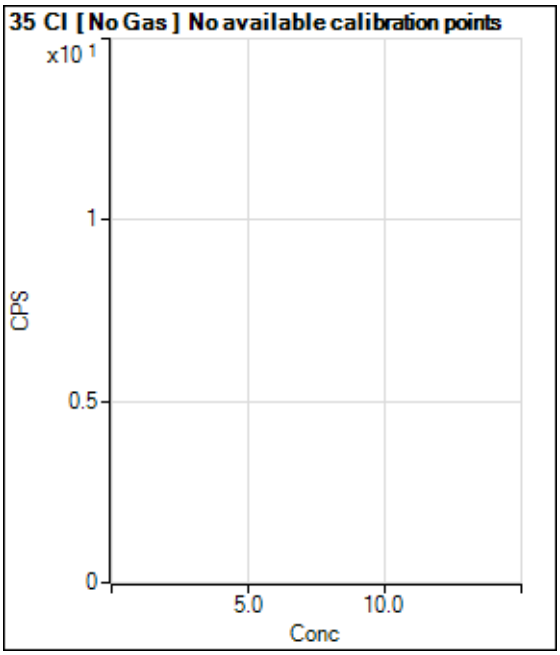
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-92.783	254098.38	0.0291	P	3.8
2	☐	0.000	92.783	258879.89	0.0303	P	0.5
3	☐	1000.000	927.893	315599.38	0.0360	P	2.1
4	☐	2500.000	2377.910	383617.13	0.0459	P	1.5
5	☐	5000.000	4792.018	502515.86	0.0624	P	0.6
6	☐	10000.000	9688.073	750835.03	0.0957	P	2.5
7	☐	20000.000	20226.826	1315635.09	0.1676	A	9.2
8	☐			192299.50	0.0262	P	4.5

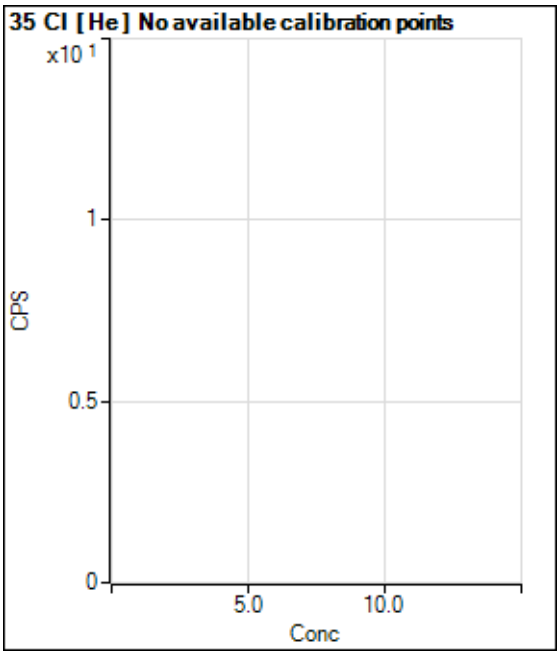
y = 6.8163E-006 * x + 0.0297
R = 0.9997
DL = 276.8
BEC = 4358

Weight: <None>
Min Conc: 0

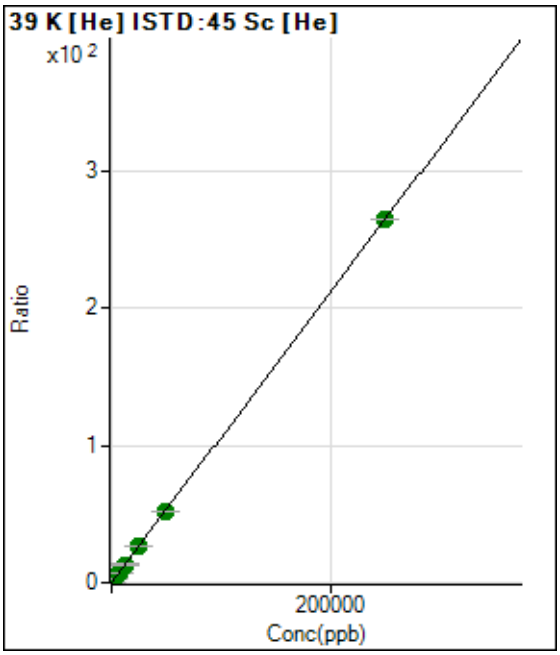


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:mohan
On:12/18/2024
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

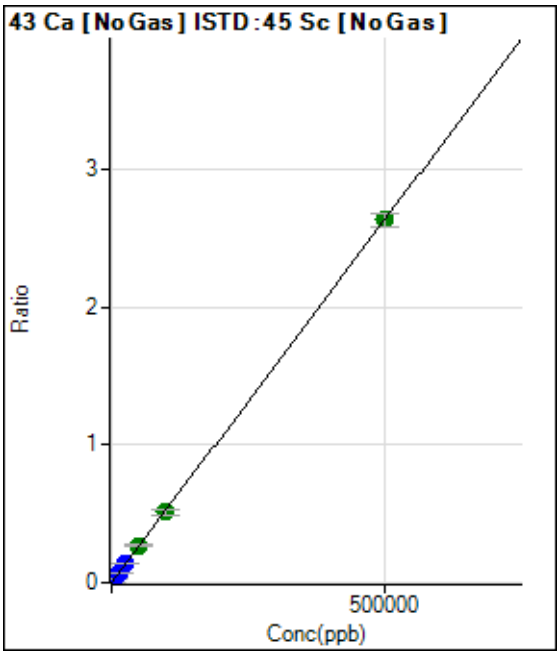


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68767.62	0.0916	P	0.6
2	☐	500.000	559.203	508805.31	0.6821	P	0.4
3	☐	2500.000	2526.413	2064735.04	2.7593	A	0.8
4	☐	6250.000	6270.757	4772296.18	6.7129	A	0.1
5	☐	12500.000	12509.009	9147474.72	13.2998	A	0.9
6	☐	25000.000	24830.212	17263373.50	26.3097	A	0.8
7	☐	50000.000	48972.144	33615321.44	51.8011	A	0.2
8	☐	250000.00	250221.19	172250185.21	264.2990	A	0.1

y = 0.0011 * x + 0.0916
R = 1.0000
DL = 1.487
BEC = 86.79

Weight: <None>
Min Conc: 0

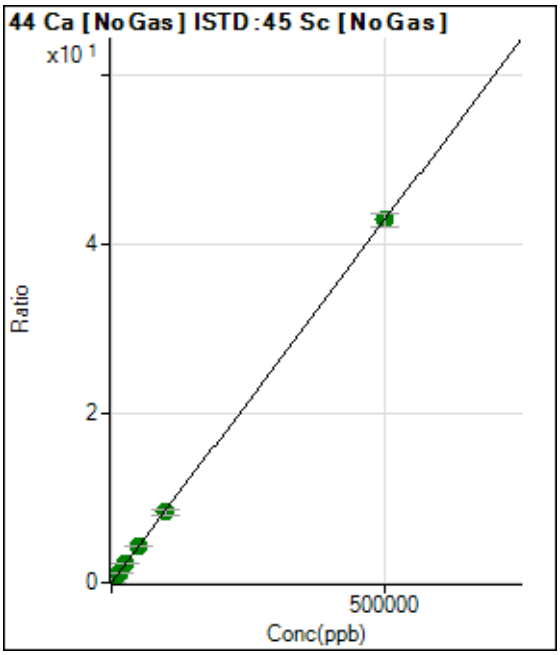
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	596.69	0.0001	P	5.0
2	☐	500.000	575.321	26397.45	0.0031	P	1.2
3	☐	5000.000	5404.135	249527.25	0.0285	P	1.4
4	☐	12500.000	13393.917	589057.94	0.0705	P	1.4
5	☐	25000.000	26691.284	1131430.61	0.1404	P	0.9
6	☐	50000.000	51017.746	2104402.30	0.2684	A	2.7
7	☐	100000.00	97339.278	4020192.40	0.5120	A	8.7
8	☐	500000.00	500319.34	19284592.07	2.6311	A	3.6

y = 5.2588E-006 * x + 6.8228E-005
R = 1.0000
DL = 1.932
BEC = 12.97

Weight: <None>
Min Conc: 0

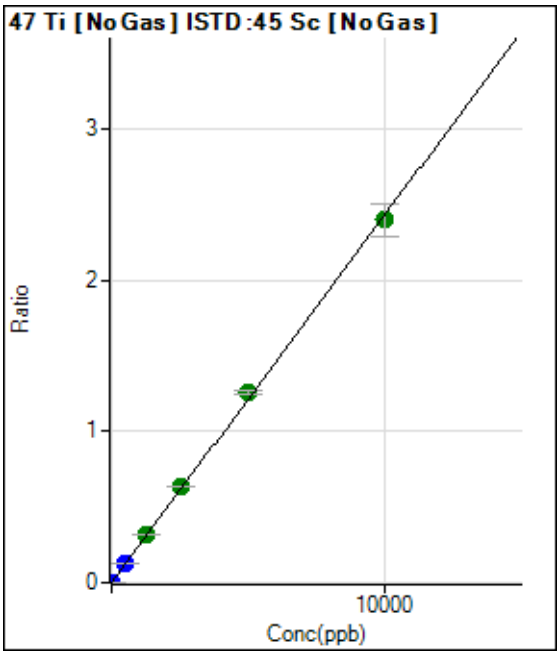


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22767.05	0.0026	P	1.4
2	☐	500.000	567.196	436281.45	0.0511	P	0.9
3	☐	5000.000	5181.532	3905901.23	0.4459	A	1.2
4	☐	12500.000	12892.445	9238701.81	1.1056	A	0.4
5	☐	25000.000	25395.585	17526503.77	2.1753	A	0.6
6	☐	50000.000	50891.182	34166648.10	4.3566	A	2.1
7	☐	100000.00	96859.788	65076236.25	8.2894	A	9.1
8	☐	500000.00	500507.45	313858597.55	42.8231	A	3.8

y = 8.5554E-005 * x + 0.0026
R = 1.0000
DL = 1.246
BEC = 30.43

Weight: <None>
Min Conc: 0

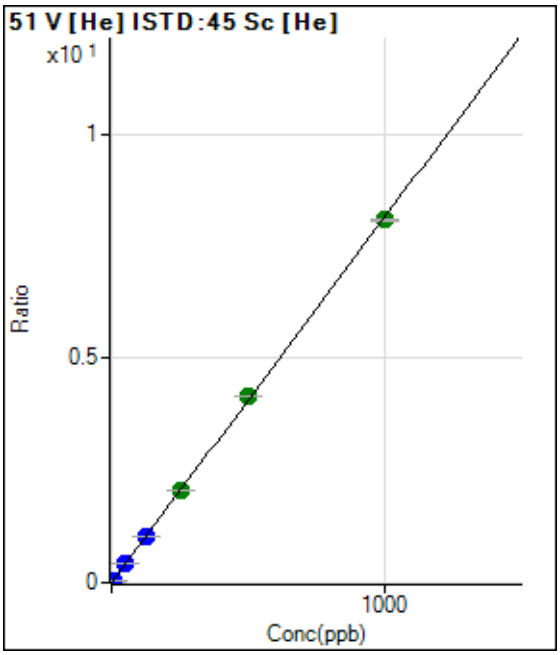
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0000	P	6.8
2	☐	5.000	5.631	11793.54	0.0014	P	2.4
3	☐	500.000	527.723	1121793.52	0.1281	P	0.8
4	☐	1250.000	1303.553	2642780.66	0.3163	A	1.4
5	☐	2500.000	2617.586	5117269.02	0.6351	A	1.5
6	☐	5000.000	5172.255	9841947.49	1.2550	A	2.4
7	☐	10000.000	9876.395	18816794.44	2.3964	A	8.8
8	☐			4524.06	0.0006	P	15.1

y = 2.4264E-004 * x + 1.5889E-005
R = 0.9997
DL = 0.01334
BEC = 0.06548

Weight: <None>
Min Conc: 0

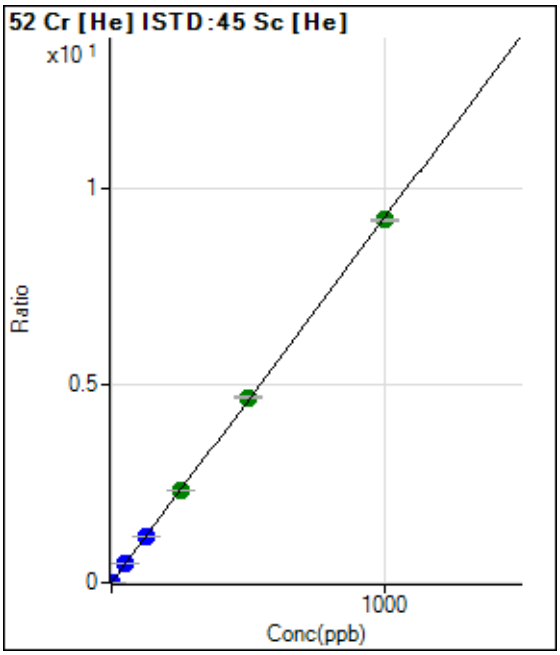


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	60.2
2	☐	5.000	5.457	33186.46	0.0445	P	1.8
3	☐	50.000	50.941	310635.09	0.4151	P	0.4
4	☐	125.000	125.865	729142.65	1.0256	P	0.3
5	☐	250.000	251.923	1411953.00	2.0528	A	0.1
6	☐	500.000	511.745	2736138.85	4.1700	A	0.2
7	☐	1000.000	993.490	5253474.61	8.0956	A	0.6
8	☐			1268.96	0.0019	P	3.8

y = 0.0081 * x + 2.6686E-005
R = 0.9999
DL = 0.005918
BEC = 0.003275

Weight: <None>
Min Conc: 0

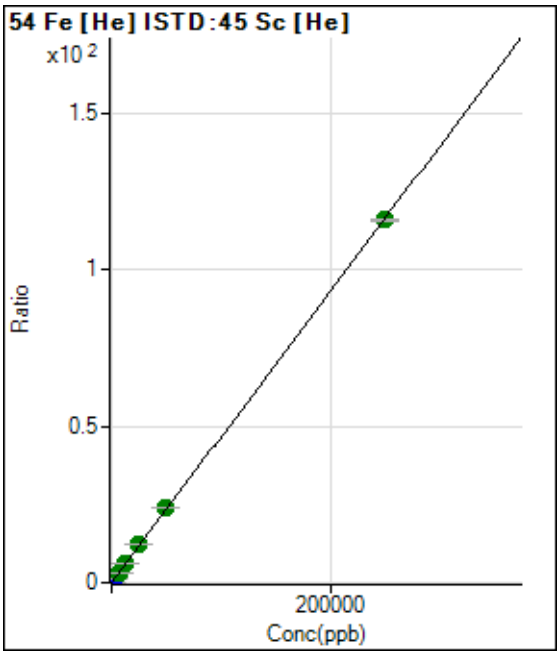
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2685.83	0.0036	P	4.0
2	☐	2.000	2.169	17624.82	0.0236	P	2.0
3	☐	50.000	51.081	356022.53	0.4758	P	0.6
4	☐	125.000	126.960	836896.60	1.1772	P	0.4
5	☐	250.000	253.734	1615743.64	2.3491	A	0.7
6	☐	500.000	508.292	3085423.11	4.7023	A	0.3
7	☐	1000.000	994.621	5968896.65	9.1981	A	0.2
8	☐			10072.35	0.0155	P	0.5

y = 0.0092 * x + 0.0036
R = 0.9999
DL = 0.04602
BEC = 0.3872

Weight: <None>
Min Conc: 0

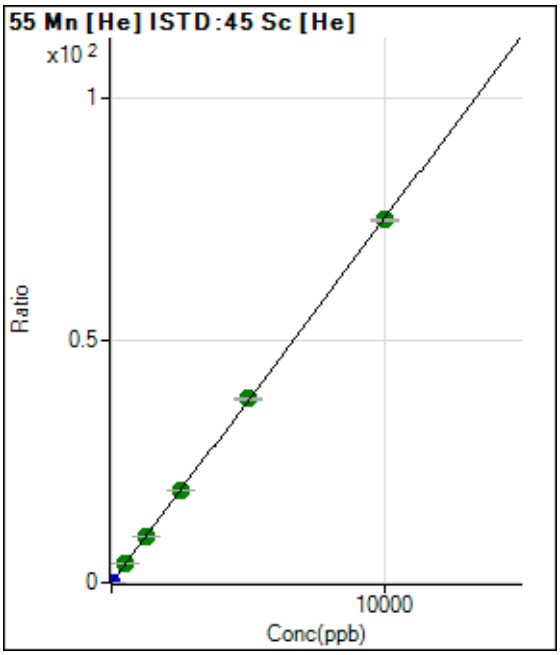


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3358.18	0.0045	P	2.5
2	☐	50.000	59.719	24057.09	0.0323	P	2.9
3	☐	2500.000	2728.715	952993.03	1.2736	P	0.5
4	☐	6250.000	6554.122	2170281.48	3.0527	A	1.0
5	☐	12500.000	13192.346	4223225.11	6.1401	A	1.5
6	☐	25000.000	26237.007	8009674.74	12.2070	A	0.5
7	☐	50000.000	51576.156	15569054.90	23.9919	A	0.2
8	☐	250000.00	249516.55	75630293.32	116.0515	A	0.7

y = 4.6509E-004 * x + 0.0045
R = 1.0000
DL = 0.7284
BEC = 9.623

Weight: <None>
Min Conc: 0

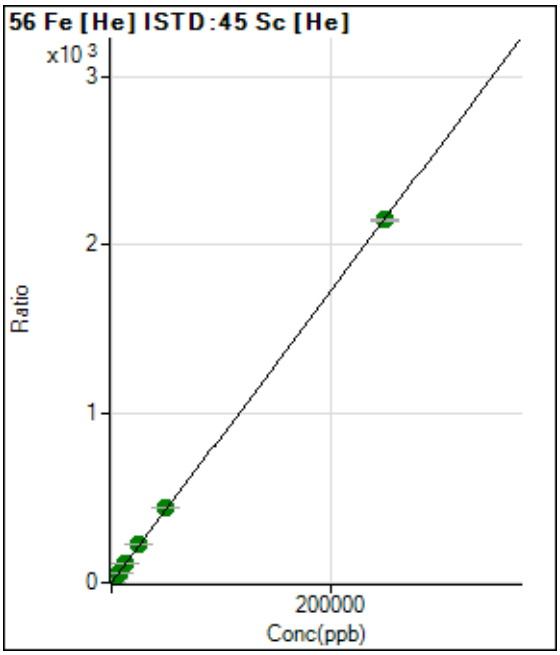
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	564.46	0.0008	P	7.5
2	☐	1.000	1.039	6378.09	0.0086	P	0.5
3	☐	500.000	505.389	2839993.32	3.7953	A	0.5
4	☐	1250.000	1261.575	6734223.17	9.4728	A	0.6
5	☐	2500.000	2534.437	13088790.36	19.0296	A	1.5
6	☐	5000.000	5054.425	24899892.13	37.9499	A	0.7
7	☐	10000.000	9962.462	48540067.61	74.8001	A	0.3
8	☐			24961.93	0.0383	P	1.6

y = 0.0075 * x + 7.5221E-004
R = 1.0000
DL = 0.02251
BEC = 0.1002

Weight: <None>
Min Conc: 0

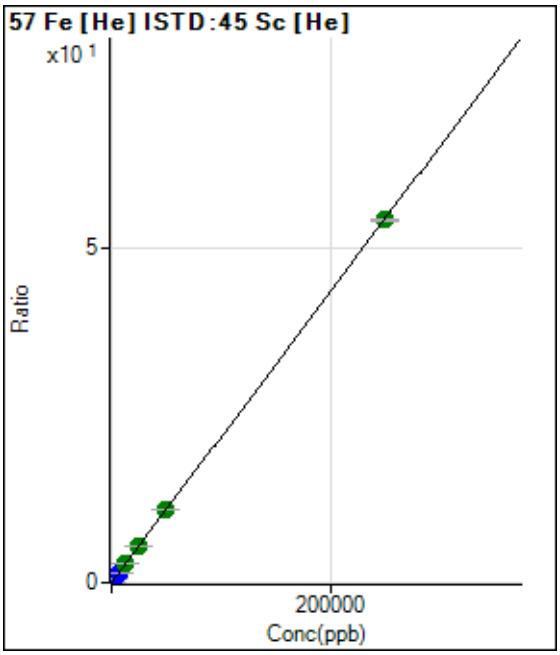


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26709.35	0.0356	P	1.7
2	☐	50.000	57.593	396524.94	0.5316	P	0.6
3	☐	2500.000	2582.367	16668732.39	22.2746	A	0.7
4	☐	6250.000	6447.971	39501167.75	55.5647	A	0.3
5	☐	12500.000	12942.944	76689853.86	111.4987	A	1.3
6	☐	25000.000	25859.612	146144398.93	222.7354	A	0.2
7	☐	50000.000	51197.882	286143171.29	440.9456	A	0.3
8	☐	250000.00	249646.54	1401166290.2	2,149.961	A	0.2

y = 0.0086 * x + 0.0356
R = 1.0000
DL = 0.2081
BEC = 4.133

Weight: <None>
Min Conc: 0

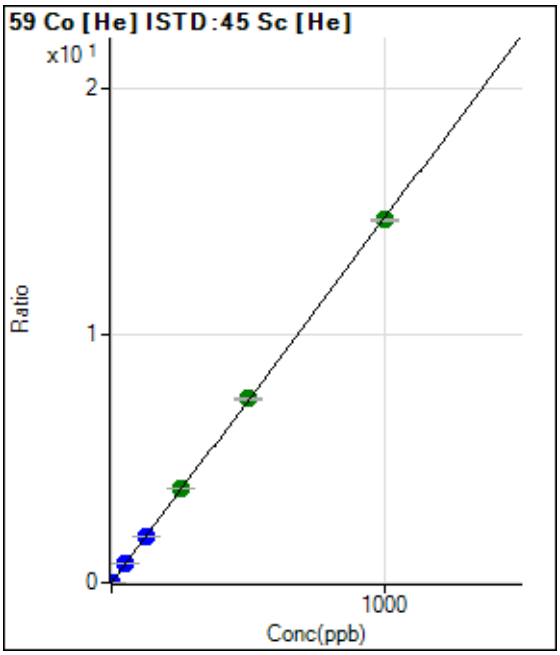
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1524.54	0.0020	P	4.4
2	☐	50.000	59.161	11091.94	0.0149	P	1.9
3	☐	2500.000	2676.581	436137.32	0.5829	P	0.7
4	☐	6250.000	6673.487	1030938.67	1.4502	P	0.4
5	☐	12500.000	12934.018	1931842.21	2.8087	A	1.1
6	☐	25000.000	25616.458	3648837.66	5.5608	A	0.9
7	☐	50000.000	50773.209	7151138.58	11.0199	A	0.3
8	☐	250000.00	249749.65	35320448.08	54.1980	A	0.8

y = 2.1700E-004 * x + 0.0020
R = 1.0000
DL = 1.233
BEC = 9.363

Weight: <None>
Min Conc: 0

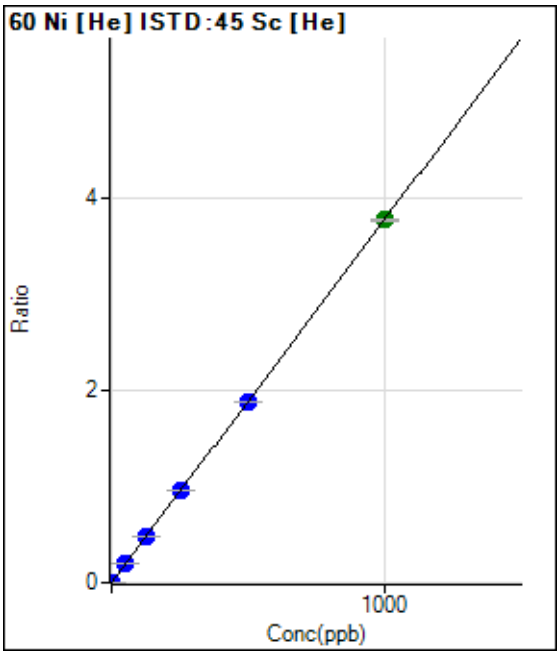


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.78	0.0003	P	5.7
2	☐	1.000	1.151	12896.72	0.0173	P	0.9
3	☐	50.000	51.477	568582.03	0.7598	P	0.4
4	☐	125.000	127.735	1340061.10	1.8850	P	0.4
5	☐	250.000	257.709	2615472.74	3.8028	A	1.2
6	☐	500.000	505.277	4891776.31	7.4556	A	0.8
7	☐	1000.000	995.018	9527382.08	14.6817	A	0.6
8	☐			26133.93	0.0401	P	1.2

y = 0.0148 * x + 3.0352E-004
R = 0.9999
DL = 0.003521
BEC = 0.02057

Weight: <None>
Min Conc: 0

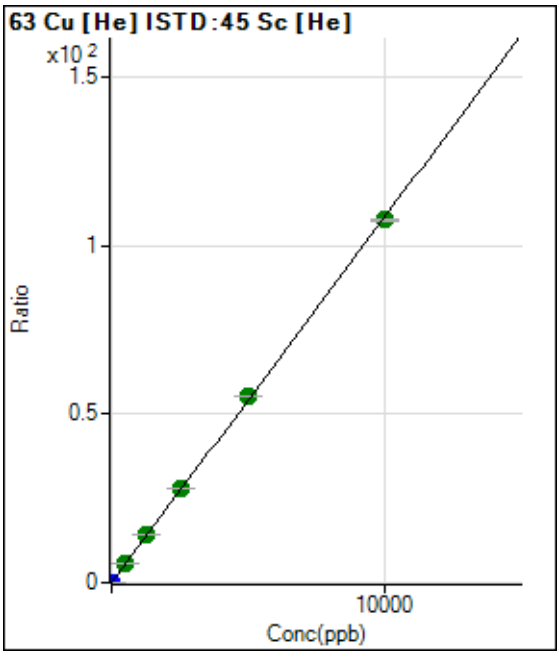
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	775.58	0.0010	P	9.8
2	☐	1.000	1.076	3808.30	0.0051	P	1.7
3	☐	50.000	52.007	147995.96	0.1978	P	0.4
4	☐	125.000	127.887	344665.12	0.4848	P	0.7
5	☐	250.000	253.363	659947.30	0.9595	P	0.7
6	☐	500.000	498.289	1237506.61	1.8861	P	0.4
7	☐	1000.000	999.554	2454496.30	3.7824	A	0.4
8	☐			7913.25	0.0121	P	1.6

y = 0.0038 * x + 0.0010
R = 1.0000
DL = 0.08075
BEC = 0.2733

Weight: <None>
Min Conc: 0

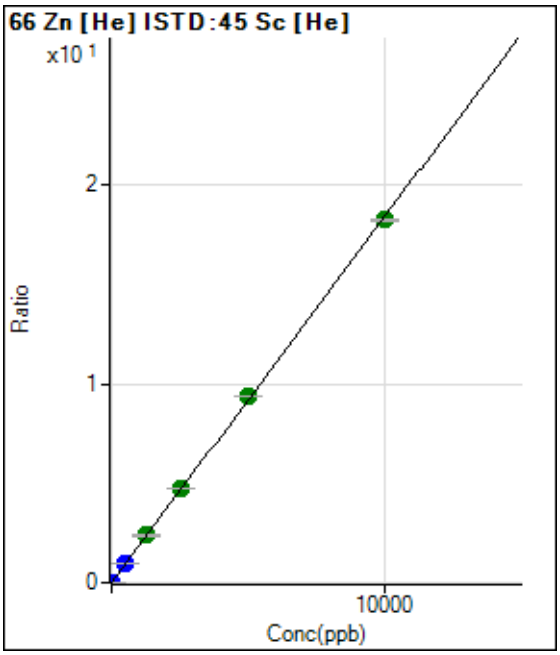


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1252.29	0.0017	P	3.8
2	☐	2.000	2.114	18320.18	0.0246	P	2.7
3	☐	500.000	524.366	4249690.28	5.6794	A	1.1
4	☐	1250.000	1297.016	9984881.10	14.0454	A	0.6
5	☐	2500.000	2568.373	19129124.02	27.8114	A	0.8
6	☐	5000.000	5089.259	36157387.24	55.1069	A	0.4
7	☐	10000.000	9931.182	69782086.19	107.5341	A	0.2
8	☐			15185.58	0.0233	P	3.4

y = 0.0108 * x + 0.0017
R = 0.9999
DL = 0.0175
BEC = 0.1541

Weight: <None>
Min Conc: 0

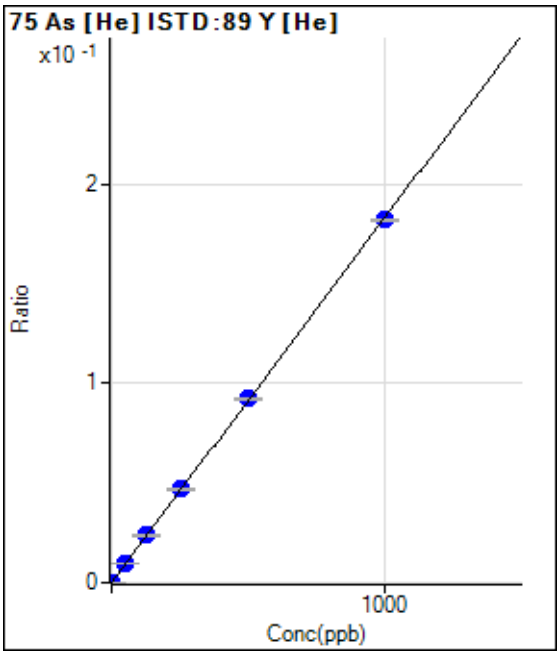
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	798.92	0.0011	P	3.6
2	☐	2.000	5.474	8302.37	0.0111	P	1.0
3	☐	500.000	520.905	717532.80	0.9589	P	0.6
4	☐	1250.000	1290.514	1687694.85	2.3741	A	1.3
5	☐	2500.000	2581.110	3265198.77	4.7472	A	0.4
6	☐	5000.000	5109.197	6165007.48	9.3959	A	0.3
7	☐	10000.000	9919.014	11836655.52	18.2402	A	0.4
8	☐			6322.52	0.0097	P	4.4

y = 0.0018 * x + 0.0011
R = 0.9999
DL = 0.06337
BEC = 0.579

Weight: <None>
Min Conc: 0

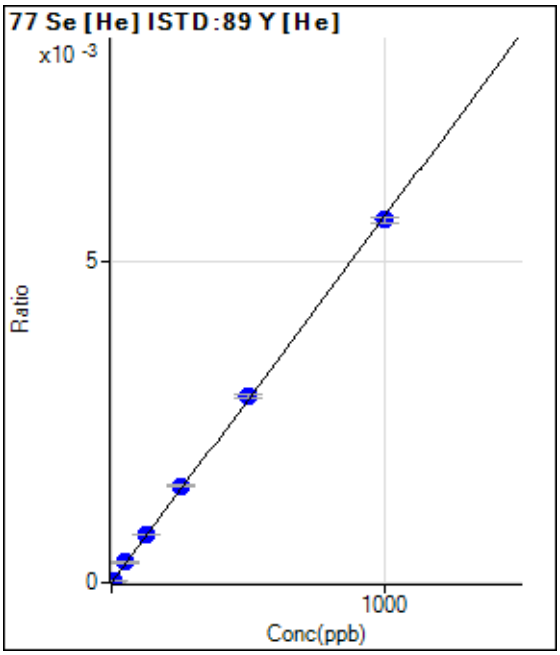


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0000	P	20.2
2	☐	1.000	1.230	1146.72	0.0002	P	12.2
3	☐	50.000	52.985	48865.63	0.0097	P	1.9
4	☐	125.000	129.304	114577.81	0.0236	P	0.8
5	☐	250.000	256.531	222504.08	0.0469	P	2.0
6	☐	500.000	504.841	425155.78	0.0923	P	0.6
7	☐	1000.000	995.259	826426.88	0.1819	P	0.2
8	☐			514.46	0.0001	P	2.3

y = 1.8278E-004 * x + 3.7206E-006
R = 1.0000
DL = 0.01231
BEC = 0.02036

Weight: <None>
Min Conc: 0

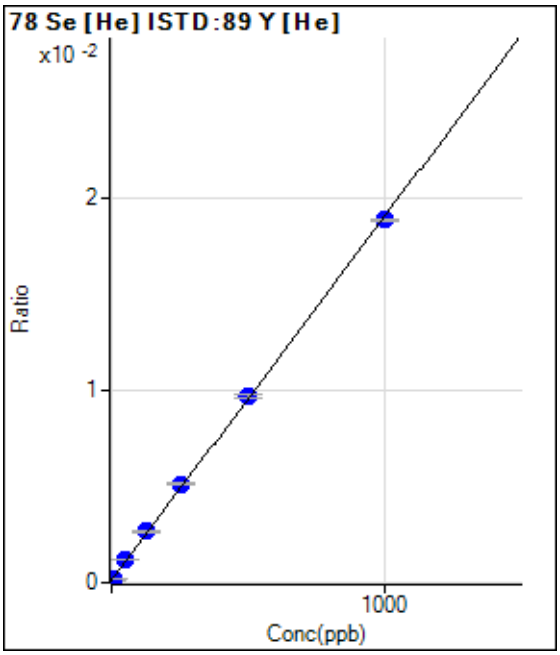
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.151	148.89	0.0000	P	17.1
3	☐	50.000	55.306	1595.66	0.0003	P	3.2
4	☐	125.000	132.712	3678.27	0.0008	P	1.4
5	☐	250.000	265.041	7189.58	0.0015	P	2.7
6	☐	500.000	508.544	13396.16	0.0029	P	1.7
7	☐	1000.000	990.738	25729.04	0.0057	P	1.6
8	☐			13.33	0.0000	P	25.6

y = 5.7164E-006 * x + 2.1884E-007
R = 0.9998
DL = 0.1989
BEC = 0.03828

Weight: <None>
Min Conc: 0

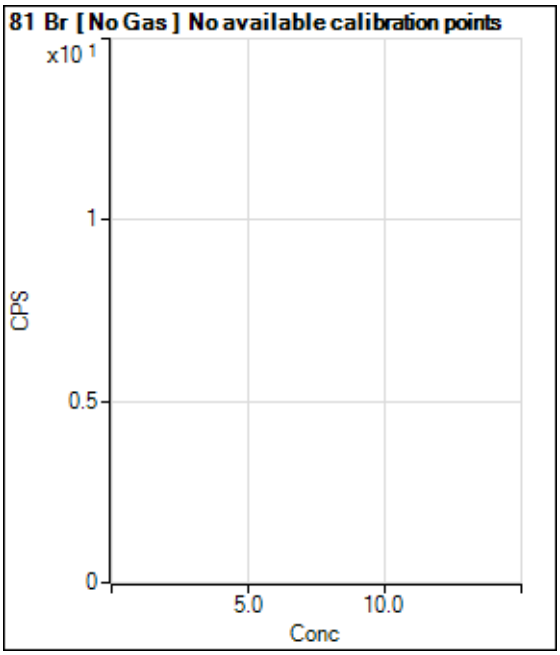


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	591.13	0.0001	P	5.6
2	☐	5.000	5.817	1135.61	0.0002	P	5.3
3	☐	50.000	54.955	5832.30	0.0012	P	1.0
4	☐	125.000	134.162	12871.24	0.0027	P	1.2
5	☐	250.000	264.523	24303.36	0.0051	P	2.1
6	☐	500.000	507.695	44791.97	0.0097	P	2.4
7	☐	1000.000	991.125	85728.28	0.0189	P	0.7
8	☐			487.79	0.0001	P	8.8

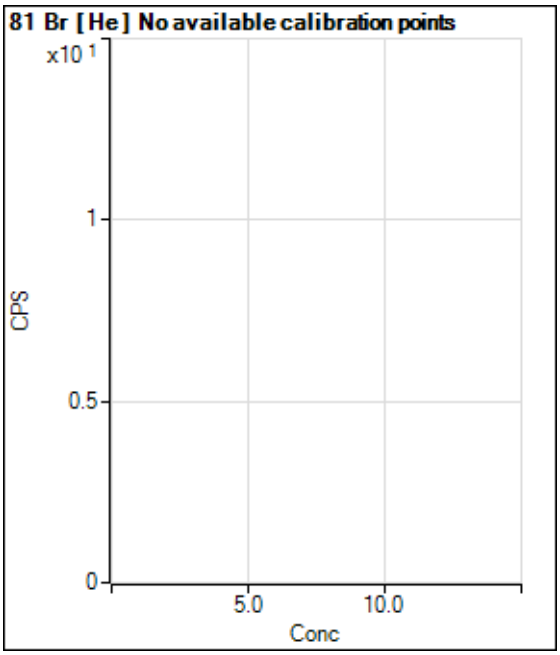
y = 1.8923E-005 * x + 1.1645E-004
R = 0.9998
DL = 1.042
BEC = 6.154

Weight: <None>
Min Conc: 0

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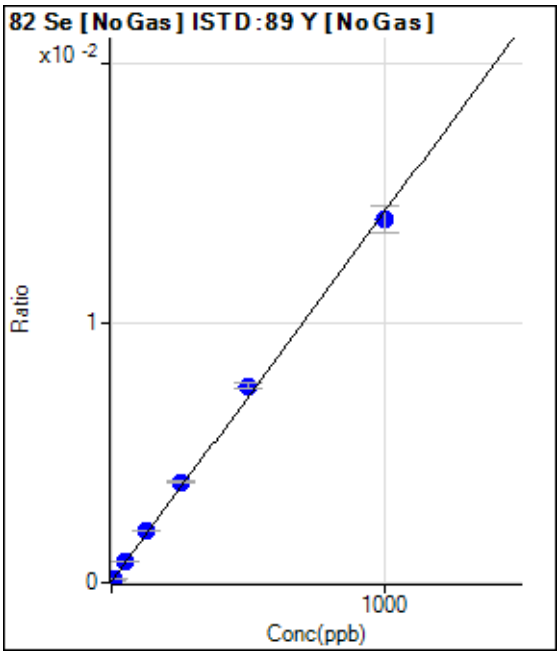


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15776.32		P	1.9
2	☐			16174.50		P	2.3
3	☐			16351.35		P	2.2
4	☐			14561.72		P	2.2
5	☐			13549.64		P	0.5
6	☐			12854.58		P	0.6
7	☐			12879.03		P	0.4
8	☐			13835.45		P	1.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			188.89		P	20.7
2	☐			193.34		P	21.0
3	☐			157.78		P	12.0
4	☐			157.78		P	10.0
5	☐			164.45		P	6.5
6	☐			124.45		P	13.7
7	☐			102.22		P	21.7
8	☐			202.23		P	3.8

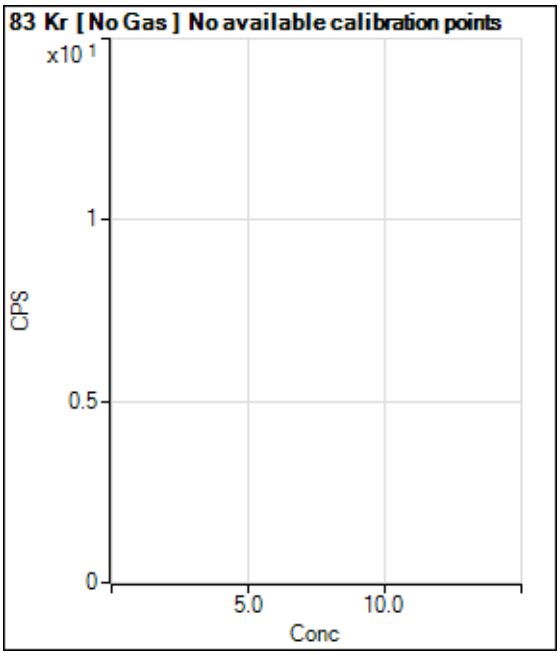
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	883.14	0.0000	P	1.7
2	☐	5.000	5.235	2208.06	0.0001	P	3.3
3	☐	50.000	55.649	15497.81	0.0008	P	1.1
4	☐	125.000	136.129	35183.38	0.0020	P	0.4
5	☐	250.000	269.471	67021.08	0.0039	P	1.6
6	☐	500.000	528.965	126740.49	0.0076	P	2.6
7	☐	1000.000	978.975	236821.61	0.0140	P	7.5
8	☐			855.21	0.0001	P	6.4

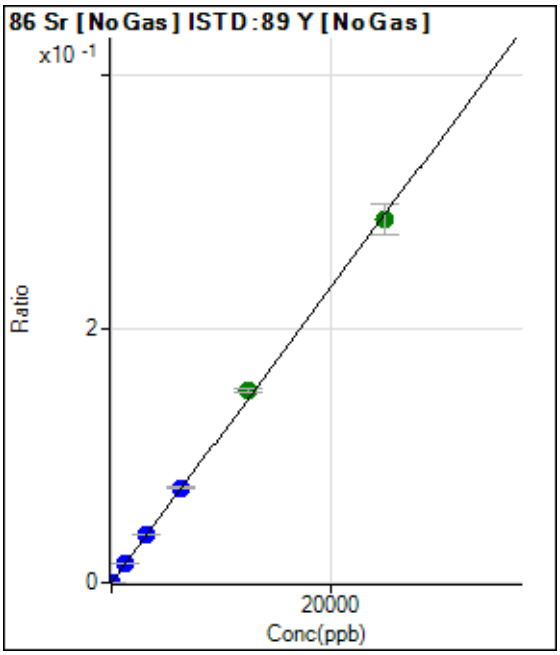
y = 1.4243E-005 * x + 4.8570E-005
R = 0.9991
DL = 0.1708
BEC = 3.41

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			281.12		P	10.1
2	☐			284.45		P	2.9
3	☐			336.68		P	4.5
4	☐			292.23		P	12.6
5	☐			296.67		P	3.9
6	☐			286.67		P	7.0
7	☐			347.78		P	13.9
8	☐			317.78		P	4.0

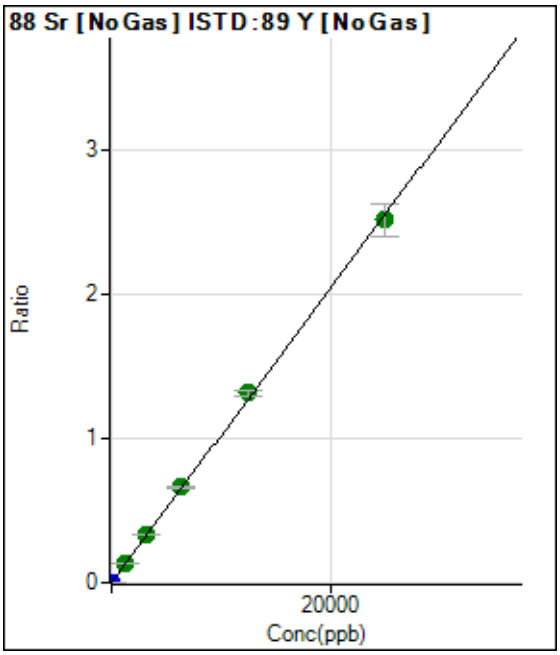
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	558.91	0.0000	P	6.0
2	☐	1.000	28.684	6519.28	0.0004	P	3.4
3	☐	1250.000	1313.761	281424.08	0.0153	P	0.7
4	☐	3125.000	3233.910	664790.43	0.0376	P	0.6
5	☐	6250.000	6466.665	1294433.86	0.0751	P	1.2
6	☐	12500.000	13040.253	2529753.82	0.1513	A	1.9
7	☐	25000.000	24658.904	4840851.18	0.2861	A	8.6
8	☐			14889.84	0.0010	P	3.3

y = 1.1603E-005 * x + 3.0747E-005
R = 0.9996
DL = 0.4763
BEC = 2.65

Weight: <None>
Min Conc: 0

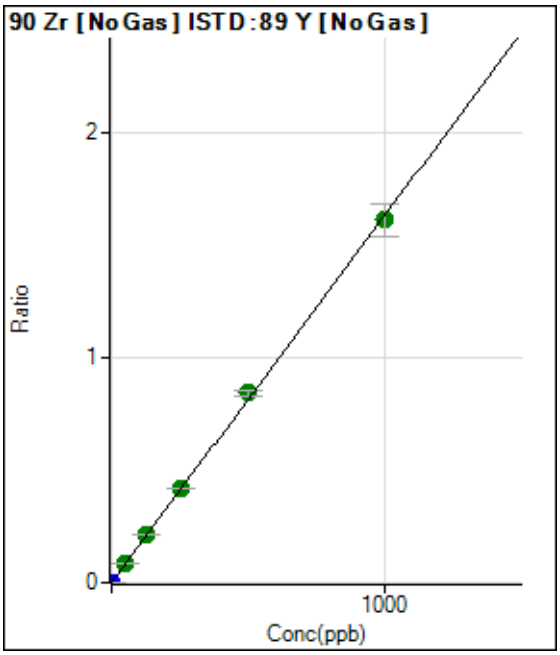


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	420.01	0.0000	P	6.1
2	☐	1.000	27.999	51574.44	0.0029	P	0.7
3	☐	1250.000	1317.788	2474306.91	0.1343	A	0.9
4	☐	3125.000	3235.174	5835625.33	0.3297	A	0.8
5	☐	6250.000	6507.605	11434756.77	0.6631	A	1.0
6	☐	12500.000	12946.792	22047790.23	1.3192	A	2.9
7	☐	25000.000	24695.041	42560863.81	2.5162	A	9.0
8	☐			128536.73	0.0082	P	2.0

y = 1.0189E-004 * x + 2.3101E-005
R = 0.9997
DL = 0.04118
BEC = 0.2267

Weight: <None>
Min Conc: 0

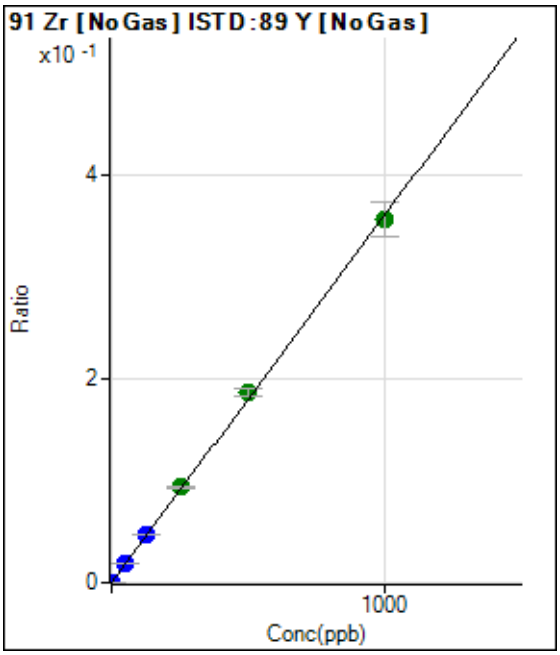
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	901.15	0.0000	P	6.8
2	☐	1.000	0.978	29489.81	0.0016	P	2.7
3	☐	50.000	52.407	1575761.70	0.0855	A	0.7
4	☐	125.000	129.039	3726698.77	0.2105	A	0.4
5	☐	250.000	258.265	7264997.19	0.4213	A	0.9
6	☐	500.000	516.643	14083884.93	0.8427	A	3.1
7	☐	1000.000	988.987	27282498.76	1.6131	A	9.2
8	☐			19484.14	0.0012	P	3.5

y = 0.0016 * x + 4.9559E-005
R = 0.9998
DL = 0.006167
BEC = 0.03039

Weight: <None>
Min Conc: 0

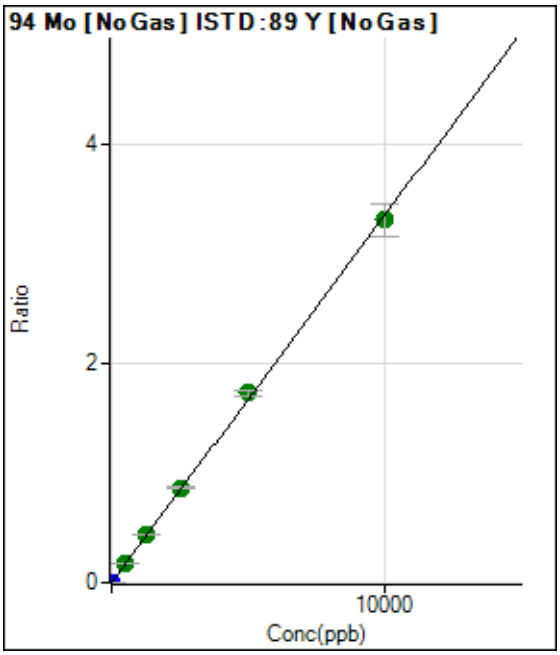


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	185.56	0.0000	P	2.4
2	☐	1.000	0.999	6643.78	0.0004	P	2.8
3	☐	50.000	52.429	348599.37	0.0189	P	1.7
4	☐	125.000	130.098	830855.08	0.0469	P	1.1
5	☐	250.000	259.525	1614580.97	0.0936	A	1.6
6	☐	500.000	517.806	3121625.65	0.1868	A	3.4
7	☐	1000.000	987.957	6026833.80	0.3564	A	9.4
8	☐			4339.57	0.0003	P	5.5

y = 3.6070E-004 * x + 1.0205E-005
R = 0.9997
DL = 0.002066
BEC = 0.02829

Weight: <None>
Min Conc: 0

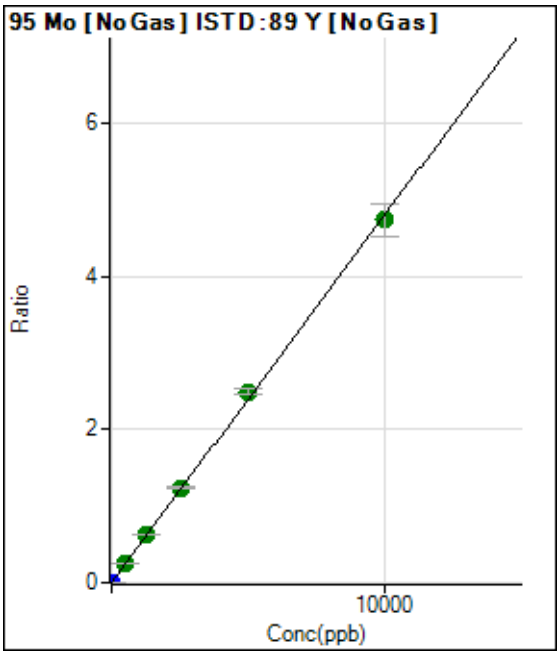
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	484.46	0.0000	P	7.5
2	☐	5.000	6.123	37166.04	0.0021	P	1.2
3	☐	500.000	522.801	3218978.43	0.1747	A	1.4
4	☐	1250.000	1289.905	7630909.40	0.4310	A	0.3
5	☐	2500.000	2583.252	14886040.33	0.8632	A	1.1
6	☐	5000.000	5176.921	28911507.63	1.7299	A	3.2
7	☐	10000.000	9884.598	55874555.83	3.3030	A	8.7
8	☐			18982.52	0.0012	P	11.9

y = 3.3415E-004 * x + 2.6598E-005
R = 0.9997
DL = 0.0178
BEC = 0.0796

Weight: <None>
Min Conc: 0

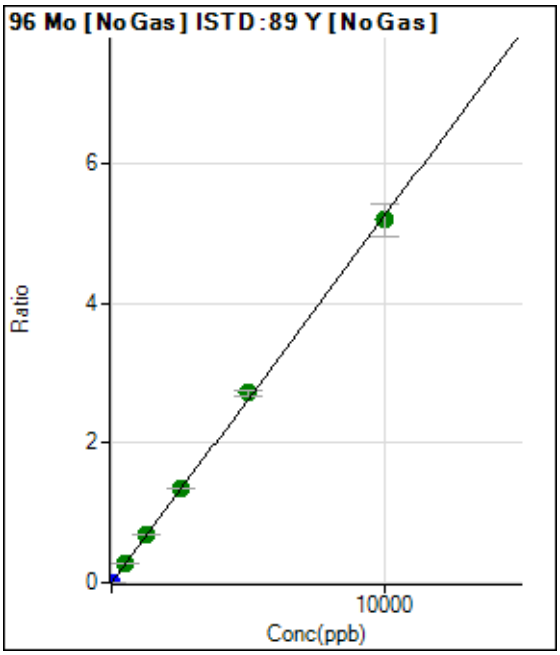


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	355.57	0.0000	P	12.9
2	☐	5.000	5.289	45840.39	0.0026	P	0.5
3	☐	500.000	521.388	4607737.05	0.2501	A	1.4
4	☐	1250.000	1292.103	10970952.20	0.6198	A	0.9
5	☐	2500.000	2590.107	21422860.38	1.2423	A	1.7
6	☐	5000.000	5187.160	41582275.21	2.4880	A	3.0
7	☐	10000.000	9877.561	80135452.14	4.7376	A	9.0
8	☐			20198.75	0.0013	P	16.4

y = 4.7964E-004 * x + 1.9520E-005
R = 0.9997
DL = 0.0158
BEC = 0.0407

Weight: <None>
Min Conc: 0

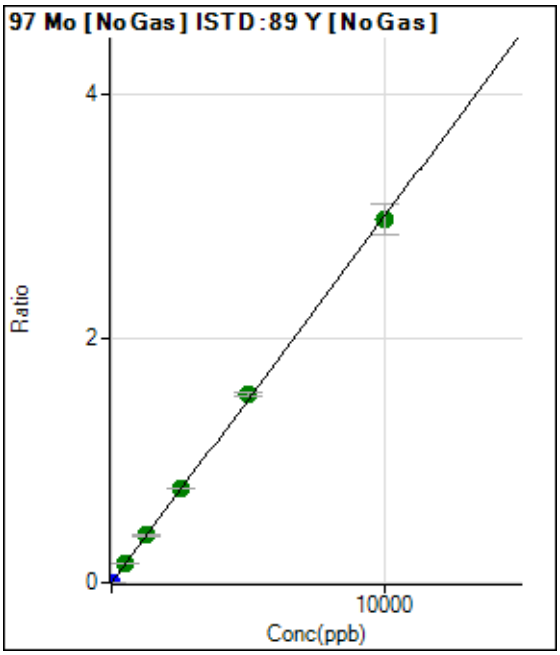
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	481.12	0.0000	P	8.5
2	☐	5.000	5.448	51821.19	0.0029	P	0.8
3	☐	500.000	520.206	5036919.33	0.2734	A	1.7
4	☐	1250.000	1293.332	12031844.82	0.6797	A	0.8
5	☐	2500.000	2578.489	23367531.32	1.3550	A	1.2
6	☐	5000.000	5167.236	45385739.88	2.7154	A	2.7
7	☐	10000.000	9890.333	87922462.03	5.1974	A	8.7
8	☐			34881.96	0.0022	P	11.3

y = 5.2550E-004 * x + 2.6500E-005
R = 0.9998
DL = 0.01288
BEC = 0.05043

Weight: <None>
Min Conc: 0

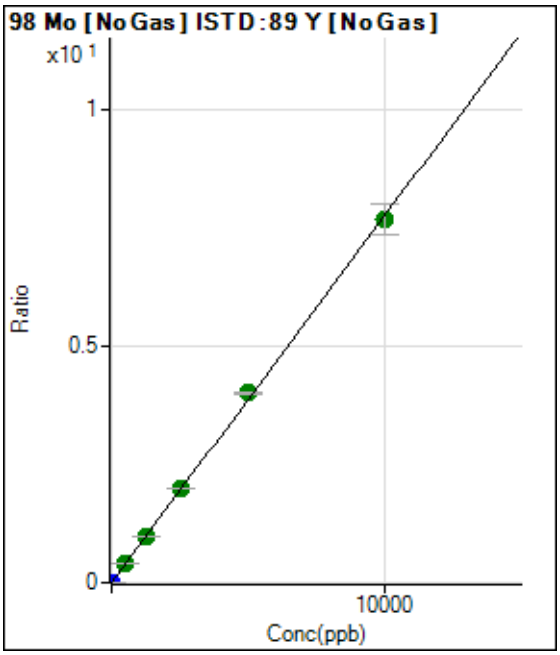


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.23	0.0000	P	3.4
2	☐	5.000	5.248	28491.16	0.0016	P	1.2
3	☐	500.000	521.716	2882789.61	0.1565	A	1.6
4	☐	1250.000	1288.242	6839498.51	0.3863	A	0.8
5	☐	2500.000	2576.488	13324946.47	0.7727	A	1.1
6	☐	5000.000	5142.745	25779871.56	1.5423	A	2.1
7	☐	10000.000	9903.639	50250297.03	2.9700	A	8.4
8	☐			12664.58	0.0008	P	16.9

y = 2.9989E-004 * x + 1.4966E-005
R = 0.9998
DL = 0.005025
BEC = 0.0499

Weight: <None>
Min Conc: 0

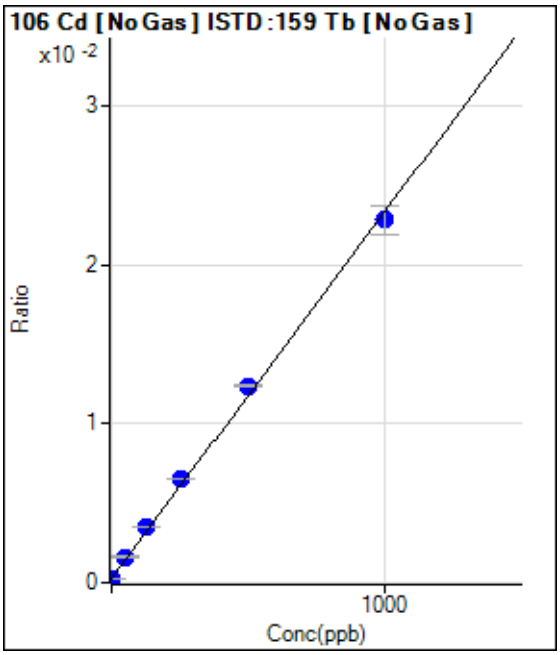
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	550.02	0.0000	P	8.6
2	☐	5.000	5.341	74762.24	0.0042	P	0.7
3	☐	500.000	516.047	7367970.24	0.3999	A	1.4
4	☐	1250.000	1282.146	17588647.24	0.9935	A	0.4
5	☐	2500.000	2575.387	34413945.04	1.9956	A	1.2
6	☐	5000.000	5166.043	66915762.34	4.0030	A	1.8
7	☐	10000.000	9893.311	129705636.96	7.6661	A	8.4
8	☐			31887.90	0.0020	P	17.5

y = 7.7487E-004 * x + 3.0191E-005
R = 0.9998
DL = 0.01
BEC = 0.03896

Weight: <None>
Min Conc: 0

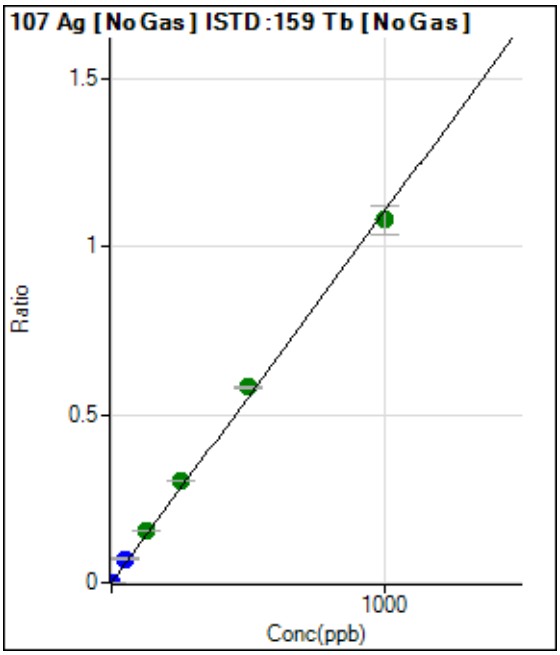


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4691.91	0.0003	P	2.0
2	☐	1.000	1.524	5188.74	0.0003	P	2.1
3	☐	50.000	59.109	30012.11	0.0016	P	1.9
4	☐	125.000	140.214	64097.23	0.0035	P	0.4
5	☐	250.000	273.869	118514.03	0.0066	P	0.7
6	☐	500.000	525.493	223623.91	0.0124	P	1.0
7	☐	1000.000	978.929	419188.47	0.0228	P	8.2
8	☐			4286.23	0.0003	P	4.9

y = 2.3043E-005 * x + 2.5514E-004
R = 0.9992
DL = 0.656
BEC = 11.07

Weight: <None>
Min Conc: 0

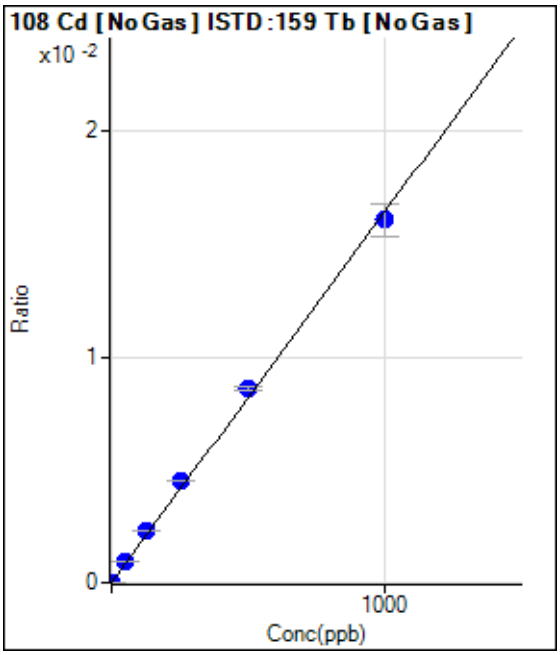
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	131.11	0.0000	P	8.0
2	☐	1.000	1.174	23312.17	0.0013	P	2.0
3	☐	50.000	64.656	1326169.94	0.0715	P	1.6
4	☐	125.000	139.057	2825805.38	0.1537	A	0.3
5	☐	250.000	275.249	5490785.06	0.3042	A	0.6
6	☐	500.000	527.176	10537158.94	0.5826	A	1.3
7	☐	1000.000	977.610	19853606.51	1.0804	A	8.1
8	☐			5331.04	0.0003	P	16.5

y = 0.0011 * x + 7.1160E-006
R = 0.9990
DL = 0.001554
BEC = 0.006439

Weight: <None>
Min Conc: 0

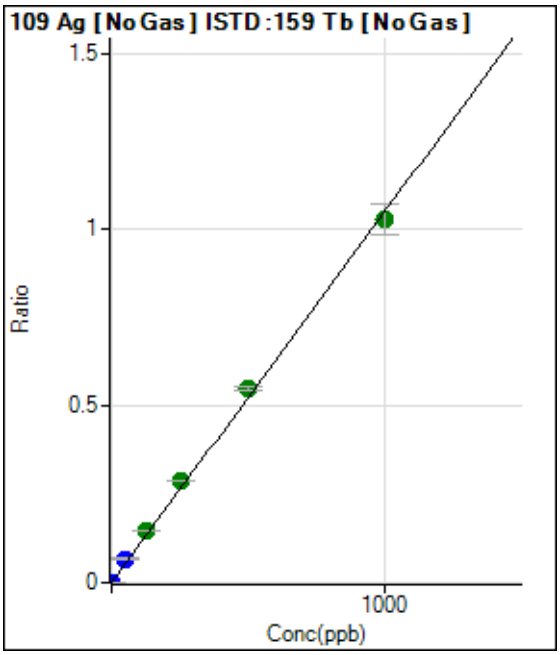


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	20.2
2	☐	1.000	1.110	342.23	0.0000	P	7.1
3	☐	50.000	58.644	17876.67	0.0010	P	1.5
4	☐	125.000	139.882	42221.32	0.0023	P	1.6
5	☐	250.000	274.898	81444.70	0.0045	P	0.8
6	☐	500.000	524.238	155616.72	0.0086	P	1.1
7	☐	1000.000	979.364	295221.15	0.0161	P	9.1
8	☐			192.23	0.0000	P	5.4

y = 1.6411E-005 * x + 9.0628E-007
R = 0.9992
DL = 0.03347
BEC = 0.05522

Weight: <None>
Min Conc: 0

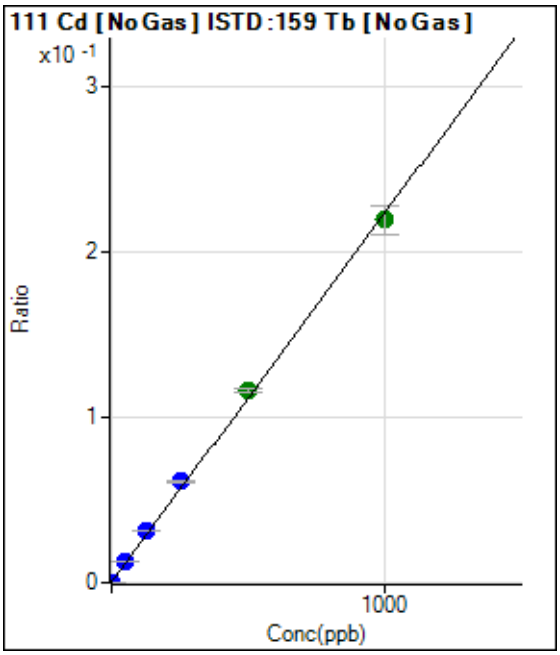
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.22	0.0000	P	21.0
2	☐	1.000	1.159	21835.41	0.0012	P	1.4
3	☐	50.000	64.559	1257322.86	0.0678	P	1.3
4	☐	125.000	139.369	2689080.20	0.1463	A	0.8
5	☐	250.000	274.820	5205378.57	0.2884	A	1.0
6	☐	500.000	524.781	9959709.71	0.5507	A	1.3
7	☐	1000.000	978.880	18872465.55	1.0272	A	8.5
8	☐			5077.64	0.0003	P	18.3

y = 0.0010 * x + 4.4904E-006
R = 0.9992
DL = 0.002691
BEC = 0.004279

Weight: <None>
Min Conc: 0

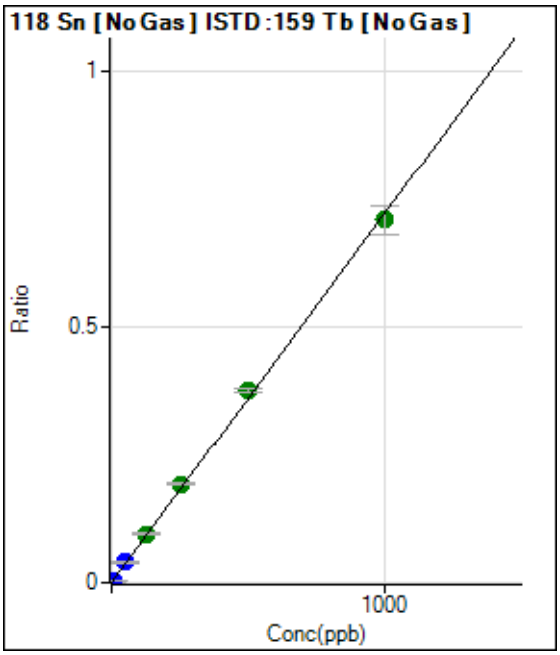


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3307.12	0.0002	P	2.0
2	☐	1.000	1.267	8271.21	0.0005	P	2.2
3	☐	50.000	57.660	242178.34	0.0131	P	2.0
4	☐	125.000	138.661	572389.88	0.0311	P	1.0
5	☐	250.000	272.921	1102879.36	0.0611	P	0.2
6	☐	500.000	519.142	2099003.77	0.1161	A	2.0
7	☐	1000.000	982.608	4033867.13	0.2195	A	8.3
8	☐			3942.52	0.0002	P	6.1

y = 2.2323E-004 * x + 1.7983E-004
R = 0.9994
DL = 0.04815
BEC = 0.8056

Weight: <None>
Min Conc: 0

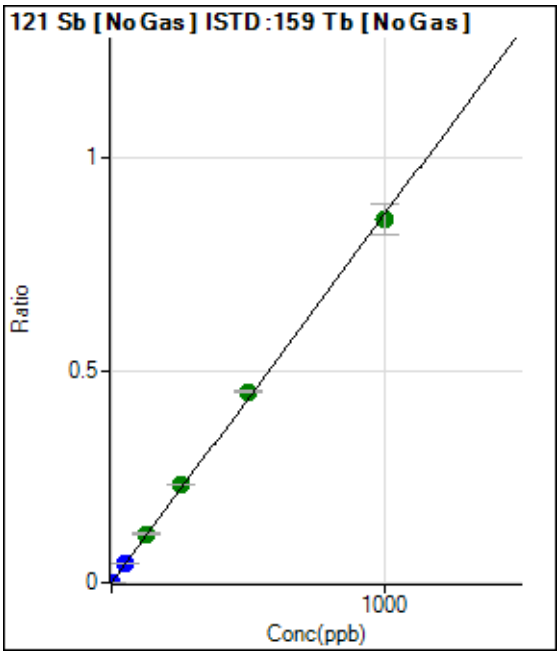
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3484.90	0.0002	P	6.3
2	☐	5.000	5.860	79011.74	0.0044	P	0.4
3	☐	50.000	54.852	738196.63	0.0398	P	1.7
4	☐	125.000	132.549	1762292.87	0.0959	A	2.4
5	☐	250.000	268.051	3495463.04	0.1937	A	0.6
6	☐	500.000	521.012	6804527.95	0.3762	A	1.3
7	☐	1000.000	983.791	13051949.53	0.7103	A	8.1
8	☐			7926.87	0.0005	P	1.3

y = 7.2178E-004 * x + 1.8976E-004
R = 0.9995
DL = 0.05006
BEC = 0.2629

Weight: <None>
Min Conc: 0

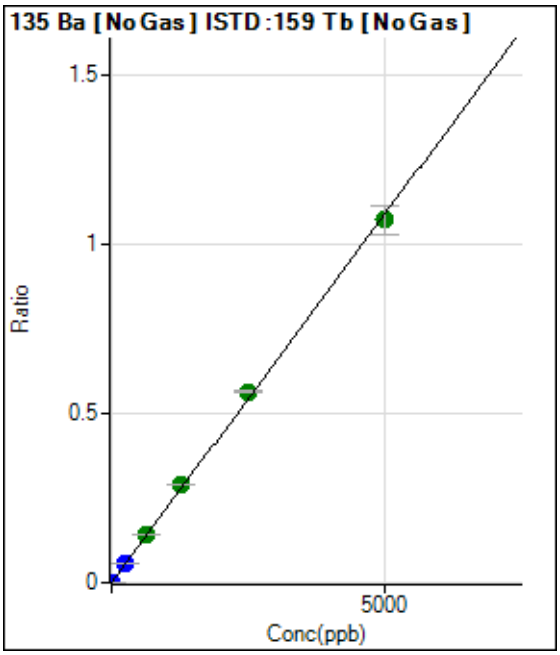


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	41.2
2	☐	2.000	2.286	35498.22	0.0020	P	3.4
3	☐	50.000	54.483	876557.99	0.0472	P	0.9
4	☐	125.000	133.114	2121546.84	0.1154	A	1.1
5	☐	250.000	267.166	4180104.38	0.2316	A	1.1
6	☐	500.000	518.293	8125610.99	0.4493	A	1.3
7	☐	1000.000	985.323	15692391.44	0.8541	A	8.5
8	☐			9477.67	0.0006	P	6.8

y = 8.6685E-004 * x + 4.2126E-006
R = 0.9996
DL = 0.006003
BEC = 0.00486

Weight: <None>
Min Conc: 0

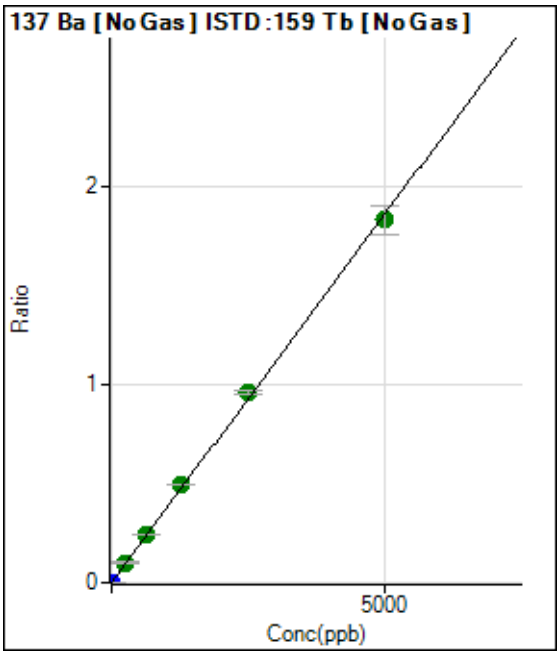
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	28.0
2	☐	10.000	11.281	43841.69	0.0025	P	1.6
3	☐	250.000	267.223	1076709.67	0.0580	P	1.8
4	☐	625.000	663.248	2647684.73	0.1440	A	0.8
5	☐	1250.000	1326.956	5200247.39	0.2881	A	0.5
6	☐	2500.000	2592.720	10181169.71	0.5629	A	1.1
7	☐	5000.000	4928.756	19664234.71	1.0701	A	8.1
8	☐			10183.72	0.0006	P	5.0

y = 2.1712E-004 * x + 3.1827E-006
R = 0.9996
DL = 0.01231
BEC = 0.01466

Weight: <None>
Min Conc: 0

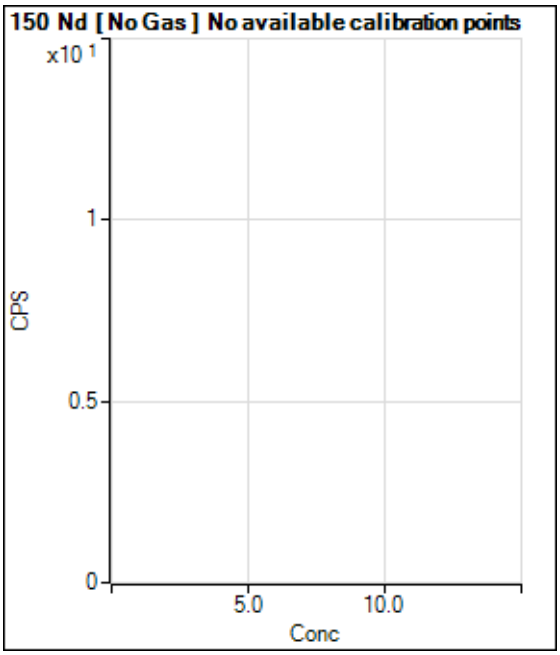


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.78	0.0000	P	12.2
2	☐	10.000	11.411	75990.49	0.0043	P	1.4
3	☐	250.000	271.803	1876284.17	0.1011	A	2.3
4	☐	625.000	662.804	4533317.64	0.2466	A	0.3
5	☐	1250.000	1324.156	8890602.92	0.4926	A	0.5
6	☐	2500.000	2594.407	17453099.46	0.9651	A	2.0
7	☐	5000.000	4928.439	33688877.28	1.8333	A	8.1
8	☐			17487.57	0.0010	P	7.1

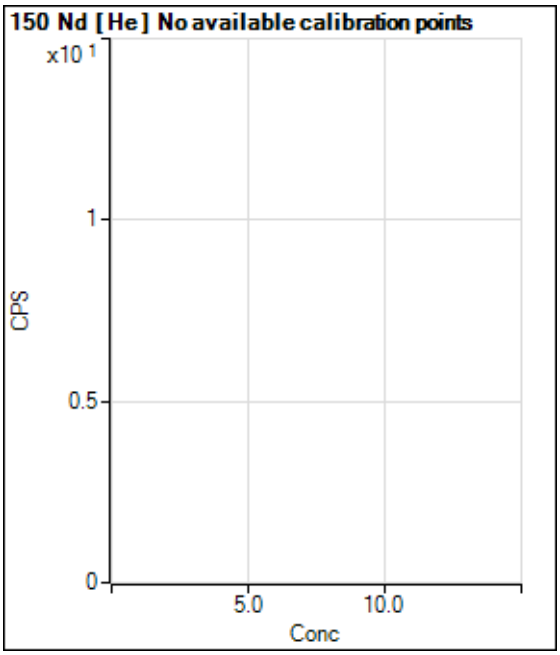
y = 3.7199E-004 * x + 5.8597E-006
R = 0.9996
DL = 0.005783
BEC = 0.01575

Weight: <None>
Min Conc: 0

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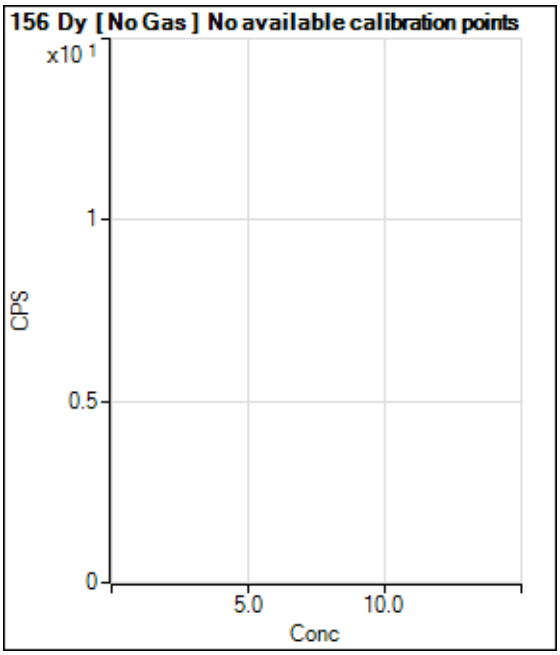


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			12.22		P	41.7
2	☐			8.89		P	57.3
3	☐			68.89		P	15.6
4	☐			200.00		P	17.4
5	☐			320.01		P	13.3
6	☐			585.57		P	12.5
7	☐			1182.28		P	8.2
8	☐			322.23		P	10.5

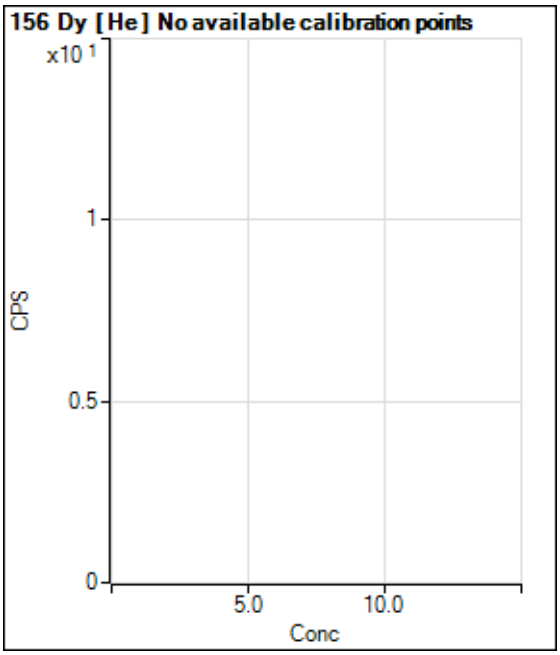


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	43.4
2	☐			5.55		P	69.3
3	☐			15.56		P	32.7
4	☐			44.44		P	28.4
5	☐			105.56		P	25.3
6	☐			171.11		P	18.5
7	☐			358.90		P	4.7
8	☐			203.33		P	10.2

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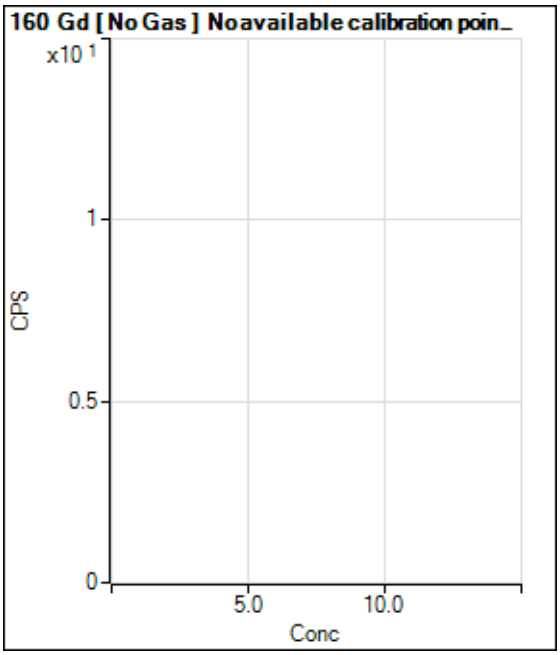


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.56		P	91.6
2	☐			13.33		P	25.0
3	☐			37.78		P	13.5
4	☐			72.22		P	11.6
5	☐			136.67		P	17.6
6	☐			216.67		P	4.1
7	☐			458.90		P	8.4
8	☐			578.91		P	13.1

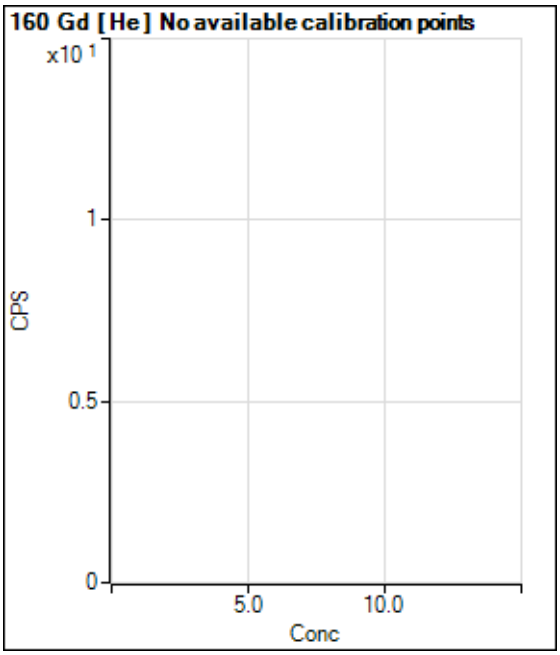


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	173.
2	☐			4.44		P	114.
3	☐			57.78		P	13.3
4	☐			156.67		P	13.3
5	☐			351.12		P	10.2
6	☐			632.24		P	5.8
7	☐			1226.73		P	3.1
8	☐			493.35		P	8.1

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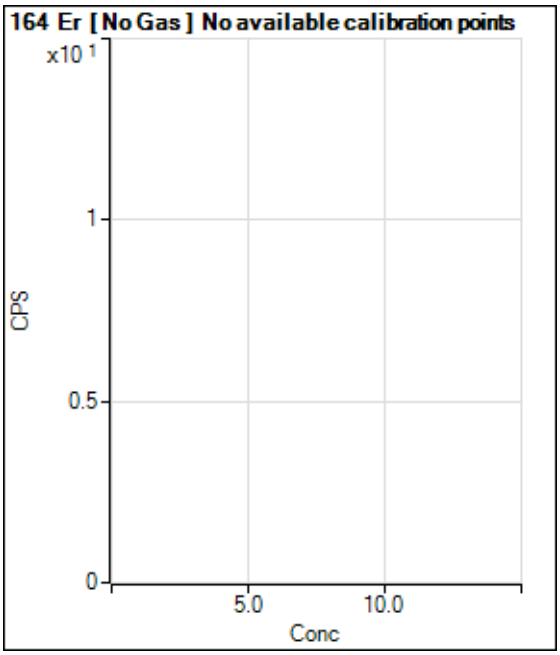


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			88.89		P	38.5
2	☐			65.56		P	30.6
3	☐			94.44		P	20.1
4	☐			107.78		P	23.2
5	☐			117.78		P	12.8
6	☐			204.45		P	11.1
7	☐			315.56		P	4.3
8	☐			618.91		P	1.4

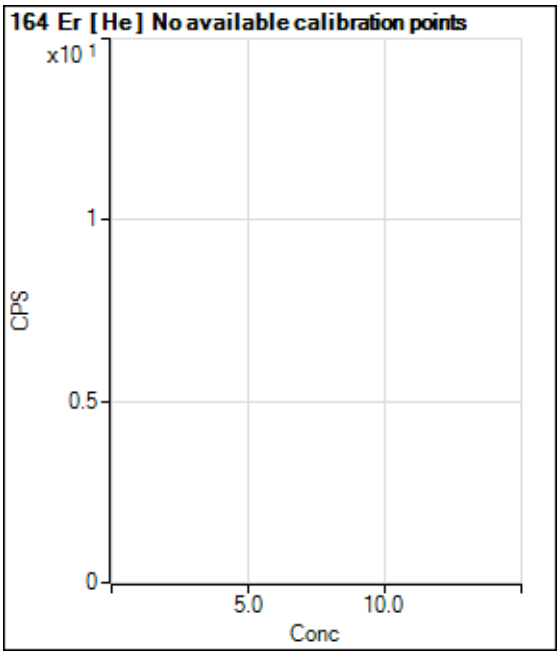


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			855.59		P	4.7
2	☐			871.15		P	2.1
3	☐			860.03		P	2.4
4	☐			790.03		P	3.0
5	☐			865.59		P	2.4
6	☐			918.93		P	3.0
7	☐			1008.94		P	6.1
8	☐			1196.73		P	6.9

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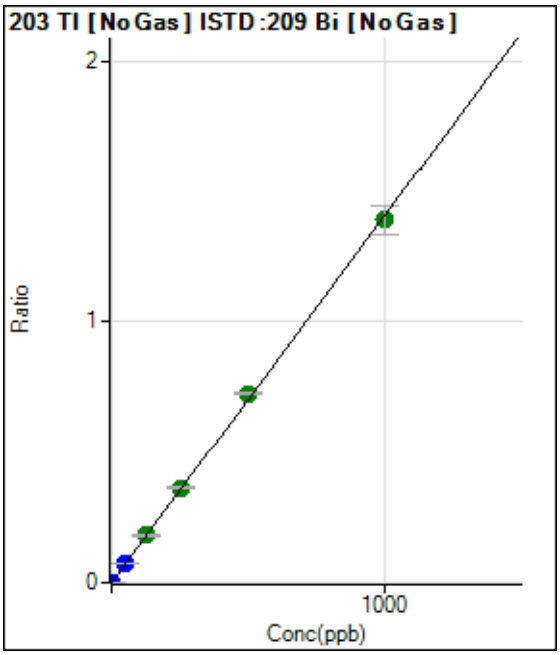


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			68.89		P	26.6
2	☐			54.44		P	15.4
3	☐			107.78		P	21.9
4	☐			126.67		P	13.9
5	☐			160.01		P	3.6
6	☐			280.00		P	10.3
7	☐			443.35		P	3.4
8	☐			655.58		P	3.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			47.78		P	22.4
2	☐			58.89		P	31.2
3	☐			54.44		P	14.1
4	☐			82.22		P	19.2
5	☐			133.34		P	6.6
6	☐			174.45		P	4.8
7	☐			356.68		P	5.7
8	☐			507.79		P	16.3

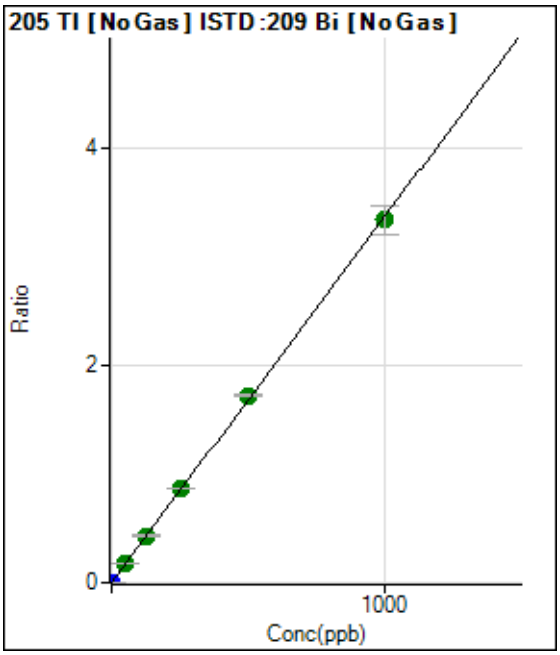
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	306.67	0.0000	P	8.5
2	☐	1.000	1.055	15824.85	0.0015	P	3.0
3	☐	50.000	51.041	783383.50	0.0717	P	2.6
4	☐	125.000	128.549	1960807.85	0.1806	A	1.8
5	☐	250.000	258.813	3910830.08	0.3636	A	2.0
6	☐	500.000	515.026	7708174.75	0.7235	A	1.0
7	☐	1000.000	989.788	14981488.81	1.3904	A	8.2
8	☐			2997.05	0.0003	P	26.3

y = 0.0014 * x + 2.8686E-005
R = 0.9998
DL = 0.00518
BEC = 0.02042

Weight: <None>
Min Conc: 0

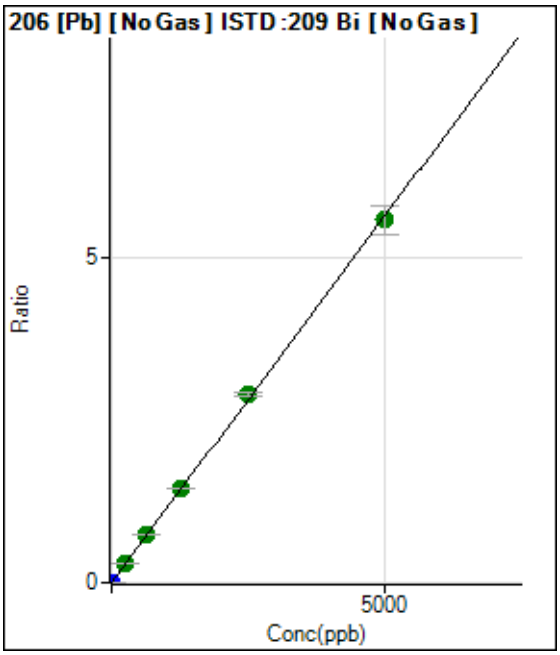


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	747.81	0.0001	P	4.2
2	☐	1.000	1.050	37677.66	0.0036	P	2.4
3	☐	50.000	51.858	1903748.20	0.1743	A	2.3
4	☐	125.000	128.688	4694751.11	0.4324	A	1.0
5	☐	250.000	256.903	9285160.35	0.8632	A	1.0
6	☐	500.000	511.718	18316527.78	1.7193	A	1.5
7	☐	1000.000	991.861	35913678.36	3.3325	A	7.7
8	☐			7047.54	0.0008	P	22.8

y = 0.0034 * x + 7.0079E-005
R = 0.9999
DL = 0.002643
BEC = 0.02086

Weight: <None>
Min Conc: 0

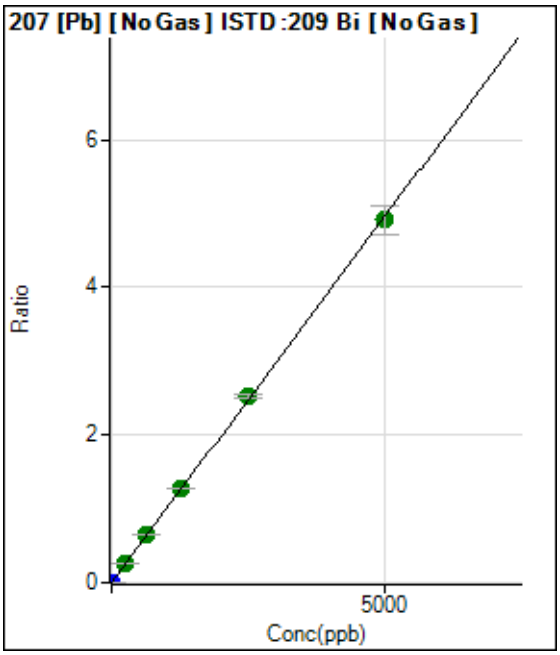
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1068.95	0.0001	P	6.7
2	☐	1.000	1.073	13717.02	0.0013	P	1.1
3	☐	250.000	262.898	3237843.70	0.2964	A	2.2
4	☐	625.000	648.158	7933224.33	0.7307	A	1.5
5	☐	1250.000	1291.454	15660002.68	1.4558	A	1.2
6	☐	2500.000	2566.979	30826070.93	2.8936	A	1.9
7	☐	5000.000	4952.607	60160969.10	5.5827	A	7.9
8	☐			16673.80	0.0018	P	13.1

y = 0.0011 * x + 1.0021E-004
R = 0.9998
DL = 0.01799
BEC = 0.0889

Weight: <None>
Min Conc: 0

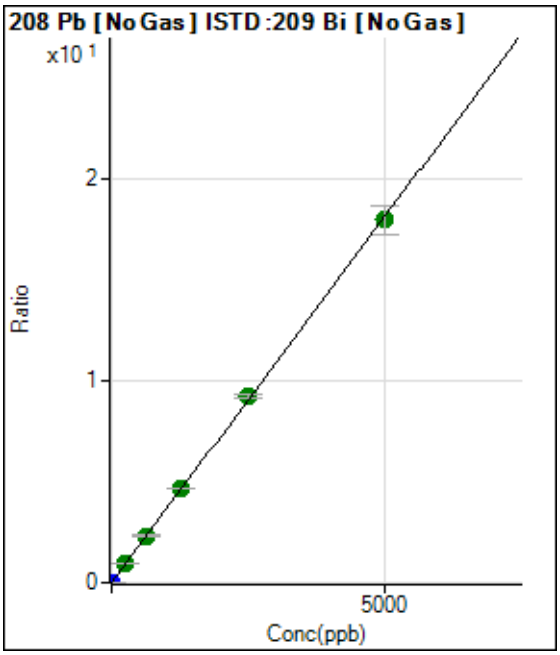


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	904.49	0.0001	P	2.6
2	☐	1.000	1.074	12028.74	0.0011	P	3.9
3	☐	250.000	259.721	2811633.19	0.2574	A	2.0
4	☐	625.000	647.421	6965063.65	0.6415	A	0.9
5	☐	1250.000	1285.848	13705632.29	1.2741	A	0.2
6	☐	2500.000	2557.823	26997717.38	2.5343	A	1.9
7	☐	5000.000	4958.838	52936674.76	4.9131	A	8.2
8	☐			14322.20	0.0015	P	13.4

y = 9.9076E-004 * x + 8.4742E-005
R = 0.9999
DL = 0.00671
BEC = 0.08553

Weight: <None>
Min Conc: 0

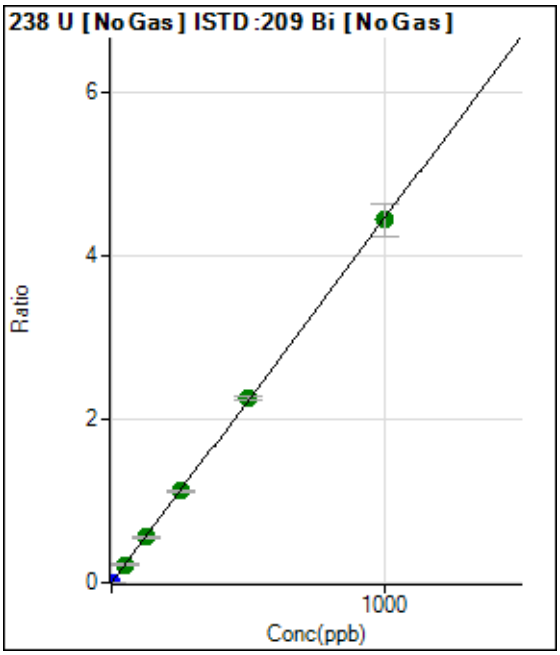
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3401.83	0.0003	P	5.8
2	☐	1.000	1.059	43503.65	0.0042	P	2.7
3	☐	250.000	259.171	10255124.61	0.9389	A	1.9
4	☐	625.000	643.883	25318417.43	2.3320	A	1.1
5	☐	1250.000	1287.101	50143534.28	4.6613	A	0.4
6	☐	2500.000	2554.894	98565986.70	9.2524	A	1.9
7	☐	5000.000	4960.459	193576616.66	17.9637	A	8.0
8	☐			52624.95	0.0057	P	13.9

y = 0.0036 * x + 3.1887E-004
R = 0.9999
DL = 0.0154
BEC = 0.08805

Weight: <None>
Min Conc: 0

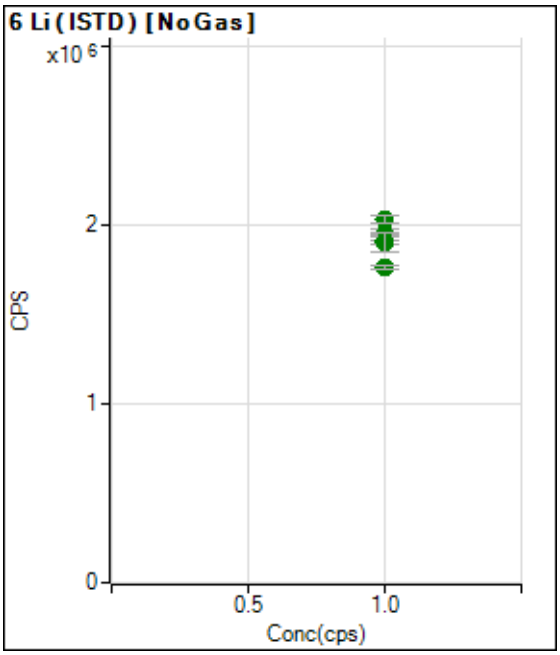


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	9.3
2	☐	1.000	0.990	46249.94	0.0044	P	0.9
3	☐	50.000	49.951	2431471.98	0.2226	A	2.2
4	☐	125.000	124.386	6018373.10	0.5543	A	0.8
5	☐	250.000	251.305	12046669.26	1.1200	A	1.7
6	☐	500.000	507.896	24113403.81	2.2635	A	1.8
7	☐	1000.000	995.805	47795776.51	4.4379	A	9.1
8	☐			9207.84	0.0010	P	21.6

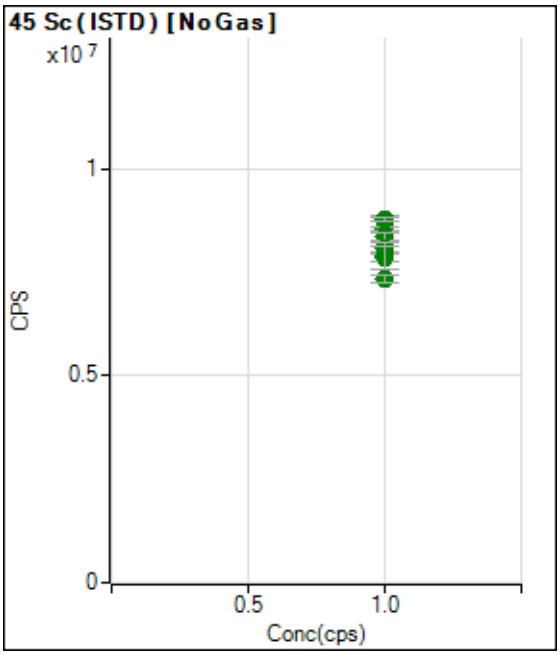
y = 0.0045 * x + 2.8068E-006
R = 1.0000
DL = 0.0001762
BEC = 0.0006298

Weight: <None>
Min Conc: 0

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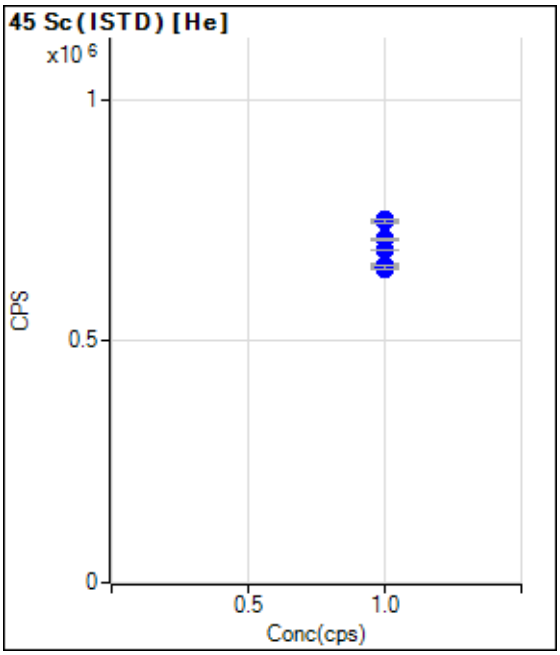


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1960247.70		A	1.8
2	☐	1.000		1936109.07		A	2.1
3	☐	1.000		2027931.62		A	2.1
4	☐	1.000		1958440.59		A	1.5
5	☐	1.000		1945715.94		A	0.4
6	☐	1.000		1914345.35		A	2.0
7	☐	1.000		1903970.65		A	5.8
8	☐	1.000		1766292.14		A	1.4

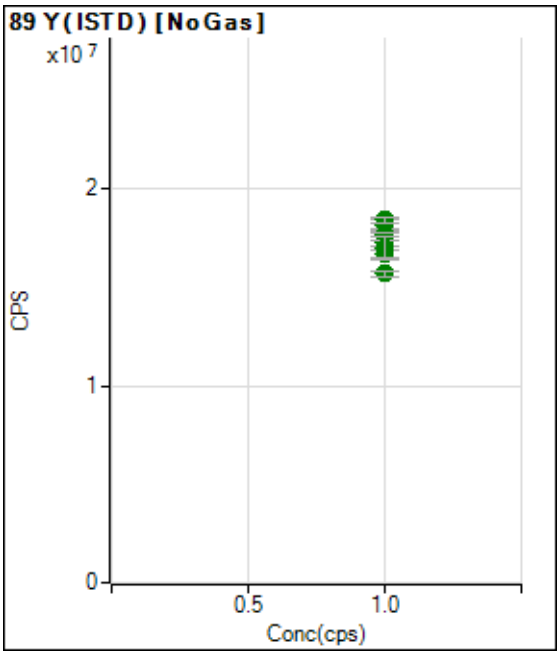


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8746604.45		A	3.1
2	☐	1.000		8533302.10		A	1.0
3	☐	1.000		8760043.83		A	1.1
4	☐	1.000		8356618.21		A	2.1
5	☐	1.000		8057423.91		A	1.3
6	☐	1.000		7844836.21		A	2.2
7	☐	1.000		7889657.59		A	8.1
8	☐	1.000		7333007.46		A	2.1

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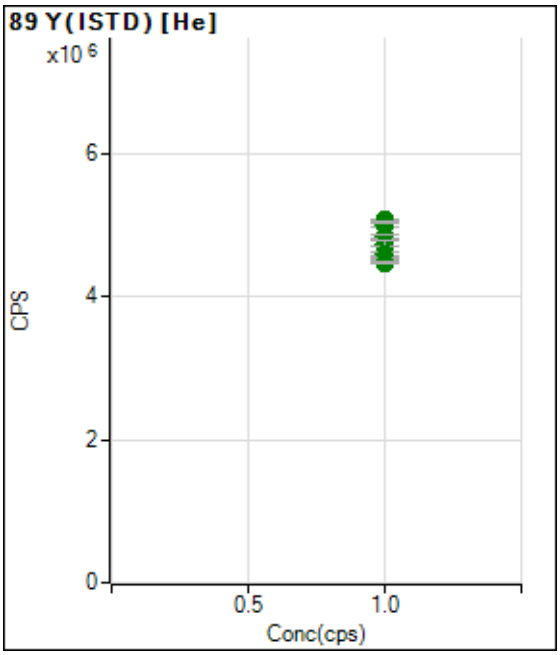


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1	☐	1.000		750402.09		P	0.3
2	☐	1.000		745943.14		P	0.3
3	☐	1.000		748313.59		P	1.1
4	☐	1.000		710913.44		P	0.7
5	☐	1.000		687803.40		P	0.4
6	☐	1.000		656140.70		P	0.6
7	☐	1.000		648929.69		P	0.1
8	☐	1.000		651721.77		P	0.8

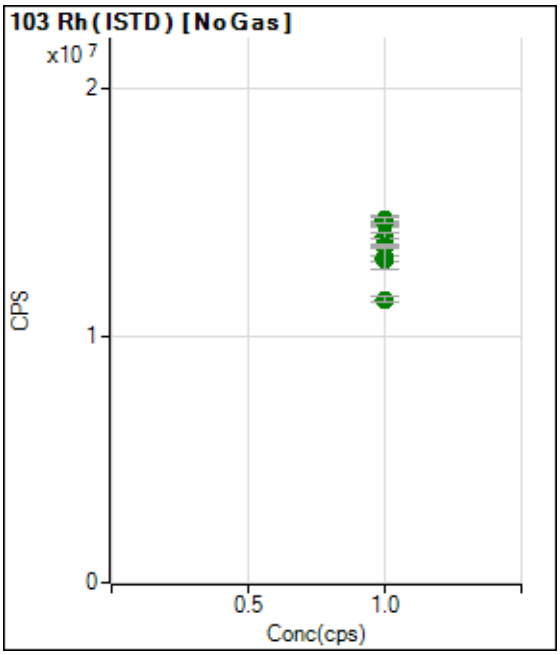


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18186603.34		A	3.0
2	☐	1.000		17933482.10		A	0.6
3	☐	1.000		18425764.31		A	1.4
4	☐	1.000		17703476.96		A	1.3
5	☐	1.000		17246776.69		A	1.5
6	☐	1.000		16720417.67		A	2.1
7	☐	1.000		16980836.83		A	6.5
8	☐	1.000		15675372.41		A	1.6

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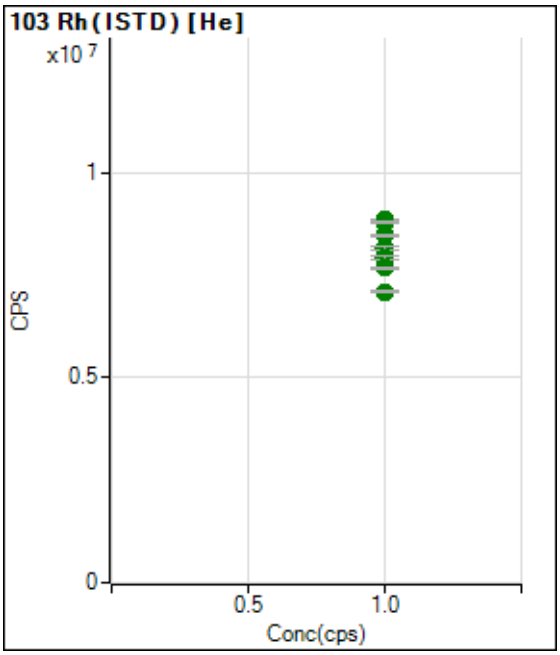


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1	☐	1.000		5075970.03		A	0.2
2	☐	1.000		5014016.90		A	1.1
3	☐	1.000		5043768.05		A	0.3
4	☐	1.000		4847383.33		A	0.9
5	☐	1.000		4745925.10		A	1.5
6	☐	1.000		4607417.88		A	1.1
7	☐	1.000		4542851.08		A	0.4
8	☐	1.000		4472643.89		A	0.6

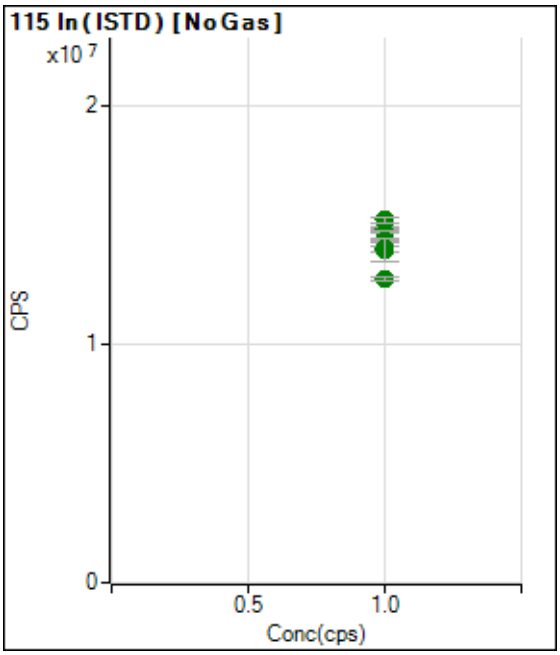


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14689931.17		A	2.9
2	☐	1.000		14527569.78		A	1.4
3	☐	1.000		14672140.48		A	1.6
4	☐	1.000		14037216.18		A	1.7
5	☐	1.000		13617212.58		A	1.0
6	☐	1.000		13104705.36		A	2.1
7	☐	1.000		13142029.39		A	6.9
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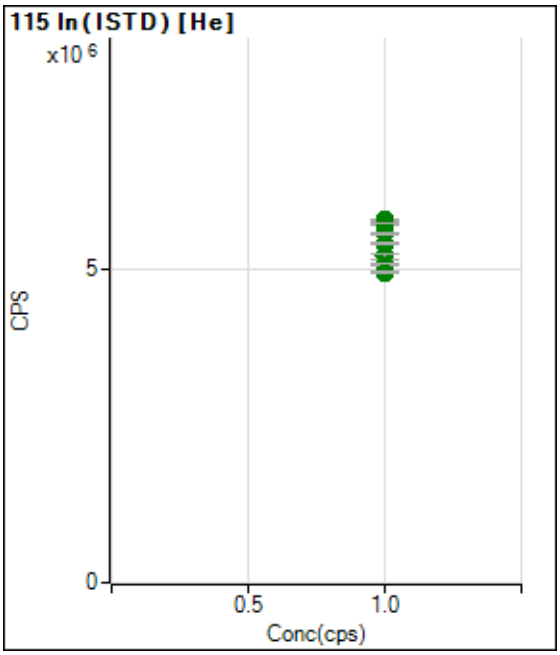


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8855487.78		A	0.6
2	☐	1.000		8810291.82		A	0.6
3	☐	1.000		8780377.58		A	0.6
4	☐	1.000		8479855.15		A	0.5
5	☐	1.000		8177695.08		A	0.9
6	☐	1.000		7924503.22		A	1.2
7	☐	1.000		7694230.93		A	0.6
8	☐	1.000		7098741.91		A	0.6

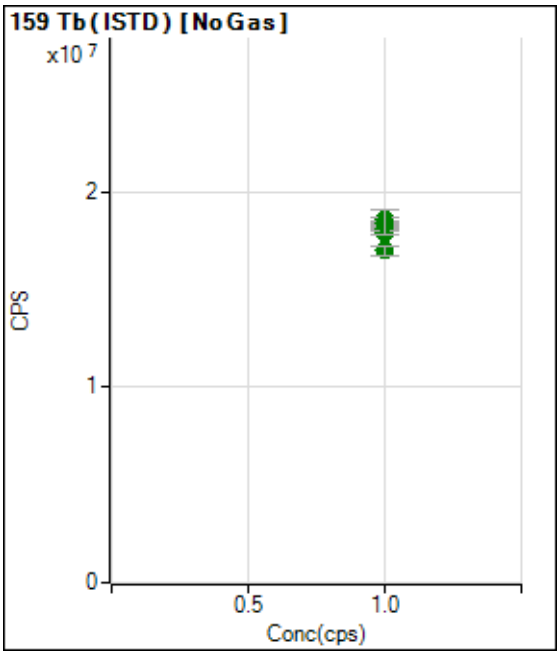


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15105293.64		A	2.8
2	☐	1.000		14864743.88		A	1.0
3	☐	1.000		15233704.98		A	1.7
4	☐	1.000		14734169.82		A	1.0
5	☐	1.000		14336521.38		A	0.8
6	☐	1.000		14028791.81		A	2.0
7	☐	1.000		13992071.95		A	6.8
8	☐	1.000		12746507.13		A	1.7

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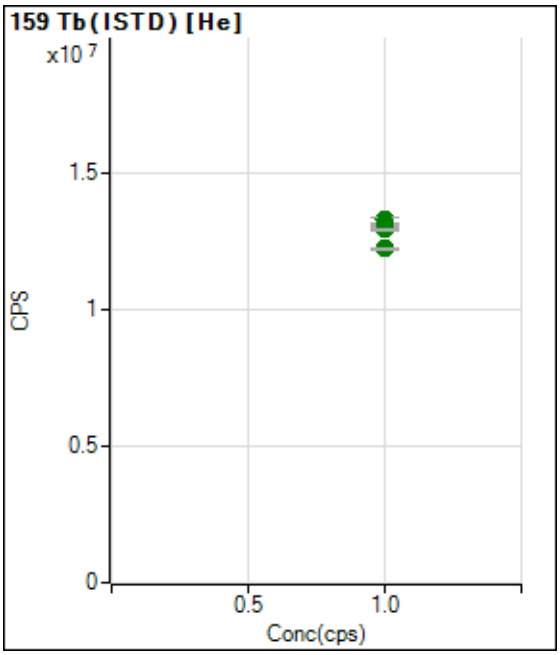


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5804164.31		A	0.8
2	☐	1.000		5746533.67		A	0.7
3	☐	1.000		5755840.65		A	0.1
4	☐	1.000		5585307.65		A	0.8
5	☐	1.000		5425814.76		A	0.9
6	☐	1.000		5215103.70		A	1.7
7	☐	1.000		5086742.50		A	0.5
8	☐	1.000		4967420.54		A	1.0

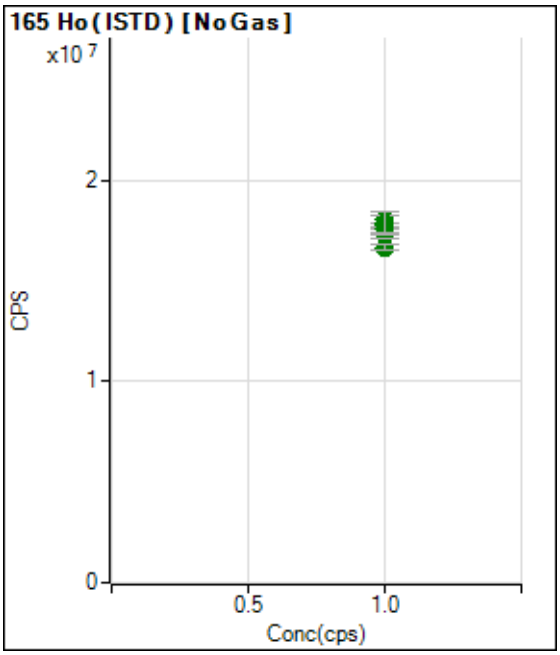


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18393141.53		A	3.7
2	☐	1.000		17879346.40		A	1.3
3	☐	1.000		18560106.53		A	1.7
4	☐	1.000		18386820.00		A	1.2
5	☐	1.000		18049497.37		A	0.4
6	☐	1.000		18087239.03		A	1.2
7	☐	1.000		18444433.89		A	6.9
8	☐	1.000		16977042.66		A	2.5

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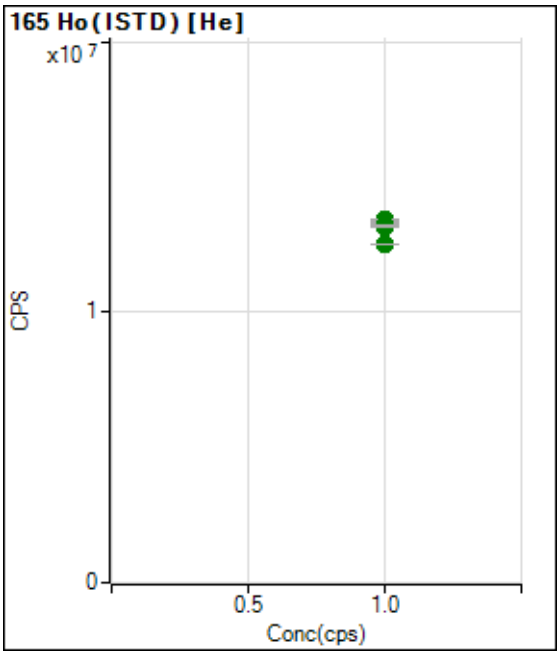


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13027275.78		A	0.3
2	☐	1.000		13147179.53		A	0.4
3	☐	1.000		13290510.64		A	1.5
4	☐	1.000		13167596.47		A	0.6
5	☐	1.000		13047173.14		A	0.9
6	☐	1.000		13047016.75		A	0.8
7	☐	1.000		12930311.33		A	0.3
8	☐	1.000		12249958.01		A	0.5

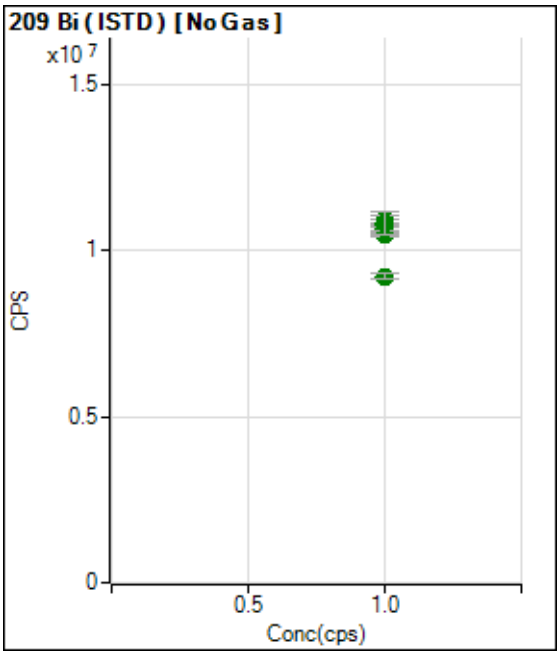


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17670866.82		A	2.8
2	☐	1.000		17278175.58		A	1.5
3	☐	1.000		18038725.57		A	2.1
4	☐	1.000		17783574.04		A	0.6
5	☐	1.000		17593185.15		A	0.2
6	☐	1.000		17581086.68		A	1.5
7	☐	1.000		17872572.65		A	6.4
8	☐	1.000		16678866.56		A	1.8

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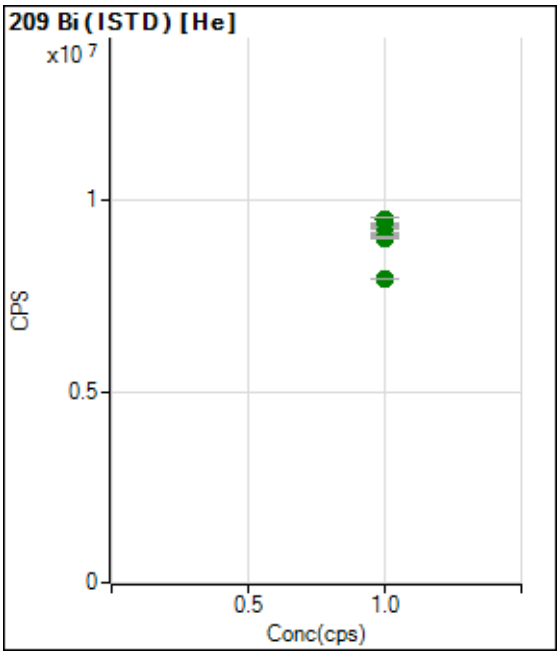


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13251415.64		A	0.6
2	☐	1.000		13183970.64		A	0.2
3	☐	1.000		13422671.05		A	0.3
4	☐	1.000		13414766.47		A	0.7
5	☐	1.000		13237455.08		A	1.1
6	☐	1.000		13258265.36		A	1.1
7	☐	1.000		13187109.94		A	0.3
8	☐	1.000		12521976.34		A	0.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10677582.48		A	2.2
2	☐	1.000		10475664.50		A	1.5
3	☐	1.000		10926965.74		A	2.9
4	☐	1.000		10857439.70		A	1.1
5	☐	1.000		10757584.14		A	1.2
6	☐	1.000		10654668.59		A	1.2
7	☐	1.000		10813547.34		A	6.6
8	☐	1.000		9233202.08		A	2.2

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9397061.87		A	0.5
2	☐	1.000		9402493.75		A	0.5
3	☐	1.000		9504368.54		A	1.3
4	☐	1.000		9502863.05		A	1.5
5	☐	1.000		9296401.25		A	0.6
6	☐	1.000		9154262.15		A	0.7
7	☐	1.000		9034142.16		A	0.3
8	☐	1.000		7957377.94		A	0.3

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ClientSampleId
:TUNE001

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7121324 MS.b
Acq. Date-Time	2024-12-13 13:03:50
Report Comment	---
Instrument Name	G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		10137	101374.09			0.232	5.000
24		81090	810904.28			0.894	5.000
25		10017	100173.92			0.600	5.000
26		11405	114054.65			0.423	5.000
59		137399	1373986.48			1.091	5.000
113		18467	184667.80			0.835	5.000
115		224507	2245067.71			1.000	5.000
206		45472	454724.43			0.759	5.000
207		39798	397981.72			0.772	5.000
208		96169	961693.99			1.159	5.000
220		0	2.50			48.990	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

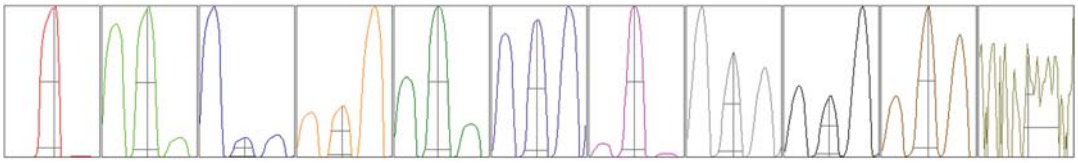
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	10147	10159	10148	10098	10134
24	81896	81825	80387	80485	80859
25	10076	10071	10032	9955	9954
26	11445	11462	11405	11363	11353
59	139110	137126	138792	136089	135876
113	18671	18574	18443	18322	18324
115	228002	224646	224244	223863	221778
206	45804	45375	45693	45566	44925
207	40224	39895	39865	39567	39440
208	97654	97019	95716	95047	95411

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	17717.03	9.10	8.90 - 9.10	
24	138172.22	23.95	23.90 - 24.10	
25	17359.58	24.95	24.90 - 25.10	
26	19856.62	25.95	25.90 - 26.10	
59	236064.45	58.90	58.90 - 59.10	
113	34931.68	112.95	112.90 - 113.10	
115	429406.45	114.95	114.90 - 115.10	
206	92451.16	206.00	205.90 - 206.10	
207	77622.67	206.95	206.90 - 207.10	
208	192803.17	208.00	207.90 - 208.10	
220	0.40	220.10	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.732	0.900	
24	0.62	0.784	0.900	
25	0.60	0.742	0.900	
26	0.60	0.742	0.900	
59	0.61	0.796	0.900	
113	0.54	0.740	0.900	
115	0.52	0.757	0.900	
206	0.52	0.765	0.900	
207	0.52	0.741	0.900	
208	0.52	0.779	0.900	
220	0.27	1.095		

Integration Time [sec] 0.1
Acquisition Time [sec] 256.770000000002
Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

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:TUNE001

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.9
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.5 V	Deflect	16.4 V
Extract 2	-120.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	0.4 mm

EM

Discriminator	4.9 mV	Analog HV	2232 V	Pulse HV	1012 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		44695	446949.97			0.373	
89		51531	515308.94			0.757	
205		53456	534557.15			0.512	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	44978	44670	44584	44683	44560
89	52074	51648	51071	51615	51246
205	53801	53505	53048	53538	53386

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	10.1 V	Deflect	4.2 V

US EPA Tune Check Report

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Extract 2	-180.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-85 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	0.4 mm		

EM

Discriminator	4.9 mV	Analog HV	2232 V	Pulse HV	1012 V

Reviewed By:mohan
On:12/18/2024
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:32:58	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.08	0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.07	0.24	-0.18	0.00	N/A	ppb
Cadmium	111-1	0.00	0.02	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.16	0.71	-0.55	0.00	N/A	ppb
Calcium	44-1	-0.48	0.19	0.29	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.05	-0.08	0.03	0.00	N/A	ppb
Iron	57-2	-0.01	-0.41	0.41	0.00	N/A	ppb
Iron	54-2	-0.01	-0.24	0.25	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:32:58	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.06	-0.01	-0.04	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	0.01	0.00	N/A	ppb
Phosphorus	31-2	-16.76	-16.67	-16.77	-16.73		ppb
Potassium	39-2	-0.55	0.42	0.13	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.05	0.06	-0.02	0.00	N/A	ppb
Selenium	77-2	-0.04	0.08	-0.04	0.00	N/A	ppb
Selenium	78-2	0.29	0.10	-0.39	0.00	N/A	ppb
Silicon	28-1	-0.20	-0.04	0.24	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.97	-0.63	-0.35	0.00	N/A	ppb
Strontium	86-1	-0.10	0.18	-0.08	0.00	N/A	ppb
Strontium	88-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Sulfur	34-1	-279.61	-15.01	16.27	-92.78		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.01	0.00	N/A	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:32:58	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	0.00	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:36:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.88	20.67	19.99	20.18	2.12	ppb
Antimony	121-1	2.20	2.33	2.33	2.29	3.39	ppb
Arsenic	75-2	1.38	1.23	1.08	1.23	12.38	ppb
Barium	135-1	11.07	11.34	11.43	11.28	1.64	ppb
Barium	137-1	11.27	11.37	11.59	11.41	1.42	ppb
Beryllium	9-1	1.14	1.12	1.22	1.16	4.87	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.19	1.12	1.02	1.11	7.43	ppb
Cadmium	106-1	1.28	1.50	1.80	1.52	17.10	ppb
Cadmium	111-1	1.22	1.27	1.31	1.27	3.53	ppb
Calcium	43-1	577.95	580.56	567.45	575.32	1.21	ppb
Calcium	44-1	566.69	572.73	562.17	567.20	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.21	2.18	2.11	2.17	2.38	ppb
Cobalt	59-2	1.16	1.15	1.14	1.15	0.92	ppb
Copper	63-2	2.06	2.10	2.18	2.11	2.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	57.67	57.18	57.93	57.59	0.66	ppb
Iron	57-2	60.59	58.04	58.85	59.16	2.20	ppb
Iron	54-2	61.95	59.03	58.17	59.72	3.32	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:36:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.08	1.08	1.06	1.07	1.23	ppb
Lead	207-1	1.11	1.08	1.02	1.07	4.22	ppb
Lead	208-1	1.07	1.08	1.02	1.06	2.97	ppb
Lithium	6-1				99		%
Magnesium	24-2	554.34	550.85	552.69	552.62	0.32	ppb
Manganese	55-2	1.04	1.03	1.04	1.04	0.50	ppb
Molybdenum	94-1	6.04	6.17	6.16	6.12	1.24	ppb
Molybdenum	95-1	5.29	5.26	5.32	5.29	0.52	ppb
Molybdenum	96-1	5.44	5.50	5.41	5.45	0.80	ppb
Molybdenum	97-1	5.18	5.27	5.30	5.25	1.24	ppb
Molybdenum	98-1	5.30	5.36	5.36	5.34	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.10	1.08	1.08	2.12	ppb
Phosphorus	31-2	19.02	15.34	15.83	16.73	11.94	ppb
Potassium	39-2	561.95	556.43	559.23	559.20	0.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	5.05	5.09	5.56	5.24	5.40	ppb
Selenium	77-2	5.94	5.32	4.19	5.15	17.25	ppb
Selenium	78-2	5.83	5.18	6.44	5.82	10.88	ppb
Silicon	28-1	0.32	0.59	0.24	0.38	48.35	ppb
Silver	107-1	1.15	1.17	1.20	1.17	1.99	ppb
Silver	109-1	1.16	1.18	1.15	1.16	1.40	ppb
Sodium	23-2	519.92	517.51	520.51	519.31	0.31	ppb
Strontium	86-1	27.66	28.63	29.77	28.68	3.67	ppb
Strontium	88-1	27.91	27.86	28.23	28.00	0.71	ppb
Sulfur	34-1	107.80	103.01	67.54	92.78	23.71	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	1.04	1.09	1.03	1.06	3.06	ppb
Thallium	205-1	1.05	1.07	1.02	1.05	2.44	ppb
Tin	118-1	5.83	5.87	5.87	5.86	0.38	ppb
Titanium	47-1	5.58	5.79	5.53	5.63	2.42	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:36:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	1.00	0.98	0.99	0.94	ppb
Vanadium	51-2	5.44	5.37	5.56	5.46	1.82	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	5.48	5.41	5.53	5.47	1.11	ppb
Zirconium	90-1	0.95	1.00	0.99	0.98	2.77	ppb
Zirconium	91-1	0.99	1.03	0.97	1.00	2.91	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:39:30	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	988.83	1001.39	992.67	994.30	0.65	ppb
Antimony	121-1	54.84	53.90	54.71	54.48	0.93	ppb
Arsenic	75-2	54.13	52.55	52.28	52.99	1.88	ppb
Barium	135-1	271.86	262.46	267.35	267.22	1.76	ppb
Barium	137-1	278.76	266.74	269.92	271.80	2.29	ppb
Beryllium	9-1	54.26	53.40	53.06	53.58	1.15	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	59.41	57.70	58.82	58.64	1.48	ppb
Cadmium	106-1	60.67	58.40	58.26	59.11	2.29	ppb
Cadmium	111-1	58.84	56.48	57.65	57.66	2.05	ppb
Calcium	43-1	5458.66	5319.77	5433.97	5404.14	1.37	ppb
Calcium	44-1	5241.18	5119.05	5184.37	5181.53	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.83	51.01	51.41	51.08	0.58	ppb
Cobalt	59-2	51.27	51.49	51.67	51.48	0.39	ppb
Copper	63-2	521.66	520.67	530.77	524.37	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	2581.67	2599.90	2565.53	2582.37	0.67	ppb
Iron	57-2	2664.31	2667.69	2697.74	2676.58	0.69	ppb
Iron	54-2	2712.78	2735.75	2737.62	2728.71	0.51	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:39:30	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	268.42	257.00	263.27	262.90	2.18	ppb
Lead	207-1	263.88	253.88	261.40	259.72	2.00	ppb
Lead	208-1	263.70	254.00	259.81	259.17	1.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	5324.93	5319.35	5341.01	5328.43	0.21	ppb
Manganese	55-2	503.02	507.80	505.35	505.39	0.47	ppb
Molybdenum	94-1	528.86	514.97	524.57	522.80	1.36	ppb
Molybdenum	95-1	529.02	514.60	520.54	521.39	1.39	ppb
Molybdenum	96-1	529.45	511.95	519.22	520.21	1.69	ppb
Molybdenum	97-1	530.81	514.19	520.15	521.72	1.61	ppb
Molybdenum	98-1	524.22	511.65	512.27	516.05	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.79	52.18	52.06	52.01	0.39	ppb
Phosphorus	31-2	1054.62	1076.98	1058.21	1063.27	1.13	ppb
Potassium	39-2	2524.82	2505.20	2549.22	2526.41	0.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	56.22	54.98	55.74	55.65	1.12	ppb
Selenium	77-2	57.28	54.80	53.83	55.31	3.21	ppb
Selenium	78-2	55.14	54.27	55.45	54.96	1.11	ppb
Silicon	28-1	55.43	53.23	53.93	54.19	2.07	ppb
Silver	107-1	65.74	63.74	64.49	64.66	1.56	ppb
Silver	109-1	65.40	63.72	64.56	64.56	1.30	ppb
Sodium	23-2	5116.86	5149.00	5171.44	5145.77	0.53	ppb
Strontium	86-1	1324.15	1306.94	1310.19	1313.76	0.70	ppb
Strontium	88-1	1330.81	1310.22	1312.33	1317.79	0.86	ppb
Sulfur	34-1	1044.69	819.47	919.52	927.89	12.16	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	52.45	49.83	50.84	51.04	2.59	ppb
Thallium	205-1	53.23	51.02	51.32	51.86	2.31	ppb
Tin	118-1	55.64	53.86	55.05	54.85	1.66	ppb
Titanium	47-1	532.46	524.37	526.34	527.72	0.80	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:39:30	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	51.22	49.12	49.52	49.95	2.23	ppb
Vanadium	51-2	50.81	50.87	51.15	50.94	0.35	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	518.03	520.36	524.33	520.91	0.61	ppb
Zirconium	90-1	52.72	51.98	52.53	52.41	0.73	ppb
Zirconium	91-1	53.40	51.65	52.23	52.43	1.70	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:42:25	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2463.07	2475.80	2469.29	2469.39	0.26	ppb
Antimony	121-1	131.38	134.18	133.78	133.11	1.14	ppb
Arsenic	75-2	128.26	130.24	129.41	129.30	0.77	ppb
Barium	135-1	657.28	665.86	666.60	663.25	0.78	ppb
Barium	137-1	660.19	664.19	664.03	662.80	0.34	ppb
Beryllium	9-1	131.77	133.48	134.39	133.21	1.00	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	137.29	141.51	140.84	139.88	1.62	ppb
Cadmium	106-1	139.51	140.37	140.76	140.21	0.46	ppb
Cadmium	111-1	137.14	139.72	139.11	138.66	0.97	ppb
Calcium	43-1	13286.56	13280.58	13614.60	13393.92	1.43	ppb
Calcium	44-1	12896.07	12833.61	12947.65	12892.45	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.87	126.48	127.53	126.96	0.42	ppb
Cobalt	59-2	127.22	127.81	128.18	127.73	0.38	ppb
Copper	63-2	1288.81	1303.78	1298.46	1297.02	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	6428.54	6444.44	6470.93	6447.97	0.33	ppb
Iron	57-2	6643.62	6681.00	6695.84	6673.49	0.40	ppb
Iron	54-2	6585.12	6600.47	6476.78	6554.12	1.03	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:42:25	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	638.94	647.51	658.03	648.16	1.48	ppb
Lead	207-1	641.66	646.96	653.64	647.42	0.93	ppb
Lead	208-1	638.30	641.68	651.66	643.88	1.08	ppb
Lithium	6-1				100		%
Magnesium	24-2	13156.04	13387.24	13226.25	13256.51	0.89	ppb
Manganese	55-2	1254.56	1268.52	1261.64	1261.57	0.55	ppb
Molybdenum	94-1	1284.94	1293.32	1291.45	1289.90	0.34	ppb
Molybdenum	95-1	1281.39	1289.42	1305.50	1292.10	0.95	ppb
Molybdenum	96-1	1284.44	1291.54	1304.01	1293.33	0.77	ppb
Molybdenum	97-1	1277.48	1298.45	1288.80	1288.24	0.81	ppb
Molybdenum	98-1	1276.99	1286.31	1283.14	1282.15	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.91	128.44	128.31	127.89	0.67	ppb
Phosphorus	31-2	2553.76	2623.95	2552.45	2576.72	1.59	ppb
Potassium	39-2	6273.58	6264.00	6274.69	6270.76	0.09	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	135.79	135.84	136.76	136.13	0.40	ppb
Selenium	77-2	131.69	134.87	131.58	132.71	1.41	ppb
Selenium	78-2	135.25	132.23	135.00	134.16	1.25	ppb
Silicon	28-1	134.24	133.94	136.78	134.99	1.15	ppb
Silver	107-1	138.68	138.97	139.52	139.06	0.31	ppb
Silver	109-1	138.24	139.40	140.47	139.37	0.80	ppb
Sodium	23-2	12805.73	12877.61	12858.02	12847.12	0.29	ppb
Strontium	86-1	3211.71	3241.33	3248.69	3233.91	0.61	ppb
Strontium	88-1	3224.85	3217.59	3263.08	3235.17	0.76	ppb
Sulfur	34-1	2342.60	2299.83	2491.30	2377.91	4.23	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	130.95	126.37	128.33	128.55	1.79	ppb
Thallium	205-1	129.65	127.19	129.23	128.69	1.02	ppb
Tin	118-1	129.35	135.68	132.61	132.55	2.39	ppb
Titanium	47-1	1285.40	1302.94	1322.32	1303.55	1.42	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:42:25	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	124.52	123.29	125.34	124.39	0.83	ppb
Vanadium	51-2	125.76	125.56	126.27	125.87	0.29	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	1274.35	1307.05	1290.14	1290.51	1.27	ppb
Zirconium	90-1	128.48	129.51	129.13	129.04	0.40	ppb
Zirconium	91-1	128.93	129.59	131.78	130.10	1.15	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:45:13	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5073.64	4976.98	4931.04	4993.89	1.46	ppb
Antimony	121-1	266.80	264.36	270.34	267.17	1.12	ppb
Arsenic	75-2	254.32	262.46	252.82	256.53	2.02	ppb
Barium	135-1	1319.96	1329.14	1331.77	1326.96	0.47	ppb
Barium	137-1	1317.51	1325.09	1329.87	1324.16	0.47	ppb
Beryllium	9-1	258.47	257.74	255.27	257.16	0.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	272.74	274.95	277.02	274.90	0.78	ppb
Cadmium	106-1	271.99	275.91	273.71	273.87	0.72	ppb
Cadmium	111-1	272.48	272.66	273.63	272.92	0.23	ppb
Calcium	43-1	26567.29	26550.59	26955.97	26691.28	0.86	ppb
Calcium	44-1	25355.99	25273.22	25557.54	25395.58	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255.54	253.86	251.80	253.73	0.74	ppb
Cobalt	59-2	256.43	261.33	255.37	257.71	1.23	ppb
Copper	63-2	2587.37	2545.56	2572.19	2568.37	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	13138.39	12860.56	12829.89	12942.94	1.31	ppb
Iron	57-2	13069.27	12943.02	12789.77	12934.02	1.08	ppb
Iron	54-2	13416.78	13071.79	13088.47	13192.35	1.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:45:13	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1273.66	1299.83	1300.88	1291.45	1.19	ppb
Lead	207-1	1283.66	1288.28	1285.60	1285.85	0.18	ppb
Lead	208-1	1282.12	1291.41	1287.77	1287.10	0.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	26380.60	26191.20	25970.72	26180.84	0.78	ppb
Manganese	55-2	2576.88	2513.37	2513.06	2534.44	1.45	ppb
Molybdenum	94-1	2556.16	2578.85	2614.75	2583.25	1.14	ppb
Molybdenum	95-1	2543.54	2598.14	2628.64	2590.11	1.66	ppb
Molybdenum	96-1	2543.85	2588.48	2603.14	2578.49	1.20	ppb
Molybdenum	97-1	2543.60	2588.07	2597.80	2576.49	1.12	ppb
Molybdenum	98-1	2545.94	2572.32	2607.90	2575.39	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	254.36	254.30	251.43	253.36	0.66	ppb
Phosphorus	31-2	5219.37	5168.63	5083.14	5157.05	1.34	ppb
Potassium	39-2	12499.76	12625.58	12401.69	12509.01	0.90	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	265.68	268.52	274.21	269.47	1.61	ppb
Selenium	77-2	259.25	273.15	262.73	265.04	2.73	ppb
Selenium	78-2	261.47	271.02	261.08	264.52	2.13	ppb
Silicon	28-1	263.39	269.94	270.76	268.03	1.51	ppb
Silver	107-1	277.06	274.00	274.69	275.25	0.58	ppb
Silver	109-1	275.46	271.88	277.12	274.82	0.98	ppb
Sodium	23-2	25574.50	25789.31	25301.24	25555.02	0.96	ppb
Strontium	86-1	6386.22	6475.68	6538.10	6466.67	1.18	ppb
Strontium	88-1	6461.13	6476.63	6585.05	6507.61	1.04	ppb
Sulfur	34-1	4756.31	4767.18	4852.56	4792.02	1.10	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	255.19	256.63	264.62	258.81	1.96	ppb
Thallium	205-1	253.96	257.85	258.90	256.90	1.01	ppb
Tin	118-1	267.17	267.06	269.92	268.05	0.61	ppb
Titanium	47-1	2572.96	2643.27	2636.53	2617.59	1.48	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:45:13	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	246.25	253.62	254.04	251.30	1.74	ppb
Vanadium	51-2	252.01	251.67	252.08	251.92	0.09	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	2586.20	2568.13	2589.00	2581.11	0.44	ppb
Zirconium	90-1	256.58	257.40	260.82	258.26	0.87	ppb
Zirconium	91-1	255.26	263.74	259.58	259.53	1.63	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:47:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10013.75	9901.32	9891.87	9935.65	0.68	ppb
Antimony	121-1	511.53	518.58	524.77	518.29	1.28	ppb
Arsenic	75-2	503.84	508.19	502.49	504.84	0.59	ppb
Barium	135-1	2563.13	2596.52	2618.51	2592.72	1.08	ppb
Barium	137-1	2544.66	2591.71	2646.86	2594.41	1.97	ppb
Beryllium	9-1	490.86	504.81	516.85	504.17	2.58	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	518.61	524.21	529.89	524.24	1.08	ppb
Cadmium	106-1	519.23	528.13	529.12	525.49	1.04	ppb
Cadmium	111-1	509.12	518.66	529.65	519.14	1.98	ppb
Calcium	43-1	49607.04	51053.20	52393.00	51017.75	2.73	ppb
Calcium	44-1	49740.65	51131.04	51801.86	50891.18	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.93	507.28	507.67	508.29	0.28	ppb
Cobalt	59-2	500.61	506.92	508.30	505.28	0.81	ppb
Copper	63-2	5068.47	5096.90	5102.41	5089.26	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	25799.92	25864.86	25914.06	25859.61	0.22	ppb
Iron	57-2	25873.35	25582.43	25393.59	25616.46	0.94	ppb
Iron	54-2	26381.04	26219.58	26110.40	26237.01	0.52	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:47:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2515.14	2576.33	2609.46	2566.98	1.86	ppb
Lead	207-1	2503.50	2575.89	2594.08	2557.82	1.87	ppb
Lead	208-1	2501.59	2563.53	2599.56	2554.89	1.94	ppb
Lithium	6-1				98		%
Magnesium	24-2	52340.01	52051.99	52738.72	52376.91	0.66	ppb
Manganese	55-2	5039.11	5028.10	5096.07	5054.42	0.72	ppb
Molybdenum	94-1	4991.17	5239.46	5300.13	5176.92	3.16	ppb
Molybdenum	95-1	5010.91	5251.80	5298.76	5187.16	2.98	ppb
Molybdenum	96-1	5005.46	5236.71	5259.54	5167.24	2.72	ppb
Molybdenum	97-1	5023.63	5179.88	5224.72	5142.75	2.05	ppb
Molybdenum	98-1	5061.68	5202.75	5233.70	5166.04	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.14	498.56	500.16	498.29	0.41	ppb
Phosphorus	31-2	10257.41	10092.40	10142.49	10164.10	0.83	ppb
Potassium	39-2	25051.53	24711.75	24727.35	24830.21	0.77	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	82-1	513.30	538.86	534.74	528.96	2.59	ppb
Selenium	77-2	518.01	505.65	501.97	508.54	1.65	ppb
Selenium	78-2	494.51	519.35	509.23	507.69	2.46	ppb
Silicon	28-1	518.07	526.10	541.58	528.58	2.26	ppb
Silver	107-1	520.22	527.54	533.76	527.18	1.29	ppb
Silver	109-1	519.65	521.87	532.82	524.78	1.34	ppb
Sodium	23-2	51392.70	51190.31	51340.64	51307.88	0.20	ppb
Strontium	86-1	12822.04	12981.37	13317.34	13040.25	1.94	ppb
Strontium	88-1	12515.24	13111.80	13213.33	12946.79	2.91	ppb
Sulfur	34-1	9303.02	9788.45	9972.75	9688.07	3.57	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	509.48	516.75	518.84	515.03	0.95	ppb
Thallium	205-1	503.74	512.59	518.82	511.72	1.48	ppb
Tin	118-1	514.95	519.89	528.20	521.01	1.28	ppb
Titanium	47-1	5049.74	5173.50	5293.53	5172.26	2.36	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:47:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	497.89	510.27	515.52	507.90	1.78	ppb
Vanadium	51-2	512.57	511.67	511.00	511.74	0.15	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	5113.81	5091.79	5122.00	5109.20	0.31	ppb
Zirconium	90-1	498.34	523.85	527.74	516.64	3.09	ppb
Zirconium	91-1	497.57	528.57	527.28	517.81	3.39	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:50:42	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19659.16	19385.52	19736.62	19593.77	0.94	ppb
Antimony	121-1	891.17	1053.30	1011.50	985.32	8.54	ppb
Arsenic	75-2	994.05	994.43	997.30	995.26	0.18	ppb
Barium	135-1	4488.70	5272.00	5025.57	4928.76	8.13	ppb
Barium	137-1	4497.35	5279.09	5008.87	4928.44	8.06	ppb
Beryllium	9-1	899.33	1060.99	1024.44	994.92	8.52	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	883.32	1060.32	994.46	979.36	9.13	ppb
Cadmium	106-1	888.56	1045.98	1002.24	978.93	8.30	ppb
Cadmium	111-1	890.39	1043.22	1014.22	982.61	8.26	ppb
Calcium	43-1	88480.40	105264.37	98273.06	97339.28	8.66	ppb
Calcium	44-1	87436.13	105006.44	98136.80	96859.79	9.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	993.06	996.75	994.05	994.62	0.19	ppb
Cobalt	59-2	1000.22	988.42	996.41	995.02	0.61	ppb
Copper	63-2	9957.35	9908.39	9927.80	9931.18	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	56-2	51160.70	51387.65	51045.29	51197.88	0.34	ppb
Iron	57-2	50966.47	50682.05	50671.11	50773.21	0.33	ppb
Iron	54-2	51681.68	51445.47	51601.32	51576.16	0.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:50:42	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4520.40	5279.93	5057.48	4952.61	7.88	ppb
Lead	207-1	4506.82	5301.37	5068.32	4958.84	8.24	ppb
Lead	208-1	4518.66	5282.81	5079.91	4960.46	7.98	ppb
Lithium	6-1				97		%
Magnesium	24-2	103279.00	103126.72	103295.79	103233.84	0.09	ppb
Manganese	55-2	9985.13	9970.13	9932.13	9962.46	0.27	ppb
Molybdenum	94-1	8945.63	10644.19	10063.97	9884.60	8.73	ppb
Molybdenum	95-1	8921.49	10677.70	10033.49	9877.56	8.99	ppb
Molybdenum	96-1	8945.00	10640.39	10085.61	9890.33	8.74	ppb
Molybdenum	97-1	8986.00	10603.00	10121.92	9903.64	8.38	ppb
Molybdenum	98-1	8979.37	10588.64	10111.93	9893.31	8.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1000.43	1002.72	995.51	999.55	0.37	ppb
Phosphorus	31-2	19759.04	19884.74	19954.03	19865.94	0.50	ppb
Potassium	39-2	49061.96	48998.72	48855.75	48972.14	0.22	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				86		%
Selenium	82-1	897.16	1041.26	998.50	978.97	7.56	ppb
Selenium	77-2	995.20	1004.34	972.68	990.74	1.64	ppb
Selenium	78-2	986.25	999.18	987.95	991.12	0.71	ppb
Silicon	28-1	883.63	1064.52	991.37	979.84	9.29	ppb
Silver	107-1	891.40	1047.42	994.01	977.61	8.11	ppb
Silver	109-1	886.65	1049.62	1000.38	978.88	8.54	ppb
Sodium	23-2	100916.99	100445.29	100680.29	100680.86	0.23	ppb
Strontium	86-1	22271.96	26368.93	25335.82	24658.90	8.64	ppb
Strontium	88-1	22251.58	26571.44	25262.10	24695.04	8.97	ppb
Sulfur	34-1	18011.31	22549.50	20119.68	20226.83	11.23	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	901.48	1060.18	1007.71	989.79	8.17	ppb
Thallium	205-1	910.85	1061.38	1003.35	991.86	7.65	ppb
Tin	118-1	893.56	1045.98	1011.84	983.79	8.13	ppb
Titanium	47-1	8918.15	10614.79	10096.24	9876.40	8.80	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:50:42	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	900.61	1081.57	1005.23	995.80	9.12	ppb
Vanadium	51-2	996.07	998.12	986.28	993.49	0.64	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	9965.54	9913.83	9877.67	9919.01	0.45	ppb
Zirconium	90-1	889.74	1067.25	1009.97	988.99	9.16	ppb
Zirconium	91-1	883.53	1062.18	1018.16	987.96	9.42	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:53:26	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99724.31	100065.17	100476.94	100088.81	0.38	ppb
Antimony	121-1	0.68	0.64	0.59	0.64	6.82	ppb
Arsenic	75-2	0.60	0.63	0.60	0.61	2.35	ppb
Barium	135-1	2.84	2.81	2.59	2.75	5.06	ppb
Barium	137-1	2.95	2.73	2.56	2.75	7.12	ppb
Beryllium	9-1	0.40	0.33	0.26	0.33	21.65	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.68	0.61	0.61	0.63	5.91	ppb
Cadmium	106-1	0.43	-0.63	-0.18	-0.12		ppb
Cadmium	111-1	0.31	0.20	0.19	0.23	27.18	ppb
Calcium	43-1	480223.08	506090.40	514644.54	500319.34	3.58	ppb
Calcium	44-1	479045.83	507655.65	514820.87	500507.45	3.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.28	1.28	1.29	1.28	0.59	ppb
Cobalt	59-2	2.73	2.70	2.66	2.70	1.21	ppb
Copper	63-2	2.05	2.03	1.91	2.00	3.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				84		%
Indium	115-2				86		%
Iron	56-2	249858.19	250043.29	249038.14	249646.54	0.21	ppb
Iron	57-2	252038.22	249286.22	247924.53	249749.66	0.84	ppb
Iron	54-2	251548.28	249093.03	247908.37	249516.56	0.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:53:26	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.71	1.52	1.29	1.51	13.87	ppb
Lead	207-1	1.68	1.49	1.26	1.48	14.18	ppb
Lead	208-1	1.69	1.50	1.26	1.48	14.74	ppb
Lithium	6-1				90		%
Magnesium	24-2	501465.84	499394.13	496242.78	499034.25	0.53	ppb
Manganese	55-2	5.06	5.03	4.91	5.00	1.66	ppb
Molybdenum	94-1	3.98	3.53	3.12	3.54	12.12	ppb
Molybdenum	95-1	3.06	2.68	2.19	2.64	16.62	ppb
Molybdenum	96-1	4.66	4.18	3.70	4.18	11.43	ppb
Molybdenum	97-1	3.08	2.67	2.18	2.64	17.17	ppb
Molybdenum	98-1	3.02	2.62	2.11	2.58	17.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.93	2.89	2.99	2.94	1.69	ppb
Phosphorus	31-2	-11.59	-9.68	-11.08	-10.78		ppb
Potassium	39-2	249925.09	250481.19	250257.31	250221.20	0.11	ppb
Rhodium	103-1				78		%
Rhodium	103-2				80		%
Scandium	45-1				84		%
Scandium	45-2				87		%
Selenium	82-1	0.69	0.32	0.24	0.42	58.15	ppb
Selenium	77-2	0.62	0.48	0.35	0.48	27.59	ppb
Selenium	78-2	0.14	-0.86	-0.44	-0.39		ppb
Silicon	28-1	-1.41	-1.33	-1.36	-1.37		ppb
Silver	107-1	0.33	0.27	0.23	0.28	16.85	ppb
Silver	109-1	0.33	0.28	0.23	0.28	18.53	ppb
Sodium	23-2	501752.04	498236.13	499097.23	499695.13	0.37	ppb
Strontium	86-1	76.13	80.52	81.08	79.24	3.42	ppb
Strontium	88-1	78.56	81.71	80.54	80.27	1.98	ppb
Sulfur	34-1	-697.63	-471.47	-356.42	-508.51		ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.27	0.21	0.15	0.21	28.83	ppb
Thallium	205-1	0.26	0.21	0.15	0.21	25.15	ppb
Tin	118-1	0.39	0.39	0.37	0.38	2.13	ppb
Titanium	47-1	2.80	2.56	2.05	2.47	15.51	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:53:26	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.23	0.17	0.22	21.67	ppb
Vanadium	51-2	0.23	0.25	0.23	0.24	3.86	ppb
Yttrium	89-1				86		%
Yttrium	89-2				88		%
Zinc	66-2	4.94	4.68	4.48	4.70	4.97	ppb
Zirconium	90-1	0.76	0.73	0.71	0.73	3.67	ppb
Zirconium	91-1	0.76	0.77	0.69	0.74	5.66	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:57:57	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	471.84	496.48	514.59	494.30	4.34	ppb
Antimony	121-1	216.76	214.67	215.09	215.51	0.51	ppb
Arsenic	75-2	207.77	219.67	223.61	217.02	3.80	ppb
Barium	135-1	105.36	104.80	106.70	105.62	0.92	ppb
Barium	137-1	106.90	106.82	107.06	106.93	0.11	ppb
Beryllium	9-1	105.93	103.90	105.84	105.22	1.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	97.72	96.40	101.09	98.40	2.45	ppb
Cadmium	106-1	94.72	93.21	94.90	94.28	0.98	ppb
Cadmium	111-1	109.15	109.48	110.61	109.74	0.70	ppb
Calcium	43-1	2067.99	2085.55	2110.83	2088.12	1.03	ppb
Calcium	44-1	2028.01	2018.92	2013.66	2020.20	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.10	108.98	113.79	108.96	4.45	ppb
Cobalt	59-2	104.85	109.30	114.60	109.58	4.45	ppb
Copper	63-2	100.08	104.51	108.96	104.51	4.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	2065.02	2147.15	2276.42	2162.86	4.93	ppb
Iron	57-2	2127.50	2221.71	2319.35	2222.85	4.32	ppb
Iron	54-2	2215.93	2319.53	2432.07	2322.51	4.65	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:57:57	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	222.44	221.62	221.29	221.78	0.27	ppb
Lead	207-1	211.47	211.08	212.87	211.81	0.44	ppb
Lead	208-1	214.61	212.79	214.54	213.98	0.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	1186.53	1239.31	1305.73	1243.85	4.80	ppb
Manganese	55-2	101.87	106.03	111.20	106.37	4.40	ppb
Molybdenum	94-1	0.19	0.15	0.15	0.17	13.15	ppb
Molybdenum	95-1	0.15	0.12	0.11	0.13	18.04	ppb
Molybdenum	96-1	0.17	0.14	0.14	0.15	8.61	ppb
Molybdenum	97-1	0.14	0.10	0.11	0.12	15.22	ppb
Molybdenum	98-1	0.15	0.13	0.13	0.13	10.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.05	119.31	125.51	119.62	4.80	ppb
Phosphorus	31-2	-15.46	-17.28	-14.23	-15.66		ppb
Potassium	39-2	1947.87	2032.48	2156.71	2045.68	5.13	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	218.35	217.47	219.10	218.31	0.37	ppb
Selenium	77-2	217.59	230.85	236.36	228.27	4.23	ppb
Selenium	78-2	212.57	230.60	228.23	223.80	4.38	ppb
Silicon	28-1	-2.74	-2.75	-2.78	-2.76		ppb
Silver	107-1	53.33	53.75	53.80	53.63	0.48	ppb
Silver	109-1	54.02	53.81	53.73	53.85	0.28	ppb
Sodium	23-2	2019.94	2122.58	2260.99	2134.51	5.67	ppb
Strontium	86-1	6.38	6.90	6.32	6.53	4.86	ppb
Strontium	88-1	6.83	6.73	6.55	6.70	2.16	ppb
Sulfur	34-1	-185.76	-216.38	-223.18	-208.44		ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	217.49	212.69	215.51	215.23	1.12	ppb
Thallium	205-1	215.94	214.52	214.91	215.13	0.34	ppb
Tin	118-1	0.04	0.04	0.04	0.04	6.93	ppb
Titanium	47-1	0.11	0.12	0.13	0.12	8.87	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:57:57	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	15.93	ppb
Vanadium	51-2	99.59	104.11	109.07	104.26	4.55	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	202.96	214.12	221.97	213.01	4.48	ppb
Zirconium	90-1	0.04	0.04	0.03	0.03	9.03	ppb
Zirconium	91-1	0.08	0.07	0.08	0.08	11.32	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:01:29	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	0.51	0.54	0.48	17.38	ppb
Antimony	121-1	0.10	0.09	0.08	0.09	10.03	ppb
Arsenic	75-2	0.01	0.00	0.00	0.01	104.10	ppb
Barium	135-1	0.00	0.01	0.01	0.01	91.22	ppb
Barium	137-1	0.01	0.01	0.01	0.01	32.60	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	24.05	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.04	-0.01	0.02	118.83	ppb
Cadmium	106-1	-0.85	-1.05	-1.12	-1.01		ppb
Cadmium	111-1	-0.04	-0.06	-0.07	-0.06		ppb
Calcium	43-1	2.38	1.38	2.03	1.93	26.17	ppb
Calcium	44-1	3.02	2.74	1.57	2.44	31.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.03	-0.05	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	75.21	ppb
Copper	63-2	0.02	0.03	0.03	0.03	21.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	1.22	1.12	0.94	1.09	12.69	ppb
Iron	57-2	1.40	0.06	-0.14	0.44	191.27	ppb
Iron	54-2	1.44	0.75	1.26	1.15	31.44	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:01:29	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.07	0.07	0.07	9.14	ppb
Lead	207-1	0.08	0.07	0.06	0.07	12.79	ppb
Lead	208-1	0.07	0.07	0.06	0.07	6.32	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.26	1.86	2.08	2.07	9.61	ppb
Manganese	55-2	-0.02	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.03	0.03	0.02	0.03	17.10	ppb
Molybdenum	95-1	0.03	0.01	0.02	0.02	53.46	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	34.70	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	80.76	ppb
Molybdenum	98-1	0.02	0.03	0.01	0.02	25.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.04	-0.01	-0.02		ppb
Phosphorus	31-2	-16.87	-16.81	-16.53	-16.74		ppb
Potassium	39-2	1.82	2.53	4.18	2.85	42.57	ppb
Rhodium	103-1				90		%
Rhodium	103-2				96		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	-0.61	-0.74	-0.61	-0.66		ppb
Selenium	77-2	-0.04	-0.04	0.08	0.00	2802.09	ppb
Selenium	78-2	0.33	-0.47	-0.05	-0.06		ppb
Silicon	28-1	-2.73	-2.63	-2.68	-2.68		ppb
Silver	107-1	0.03	0.03	0.02	0.03	19.70	ppb
Silver	109-1	0.04	0.03	0.03	0.03	18.60	ppb
Sodium	23-2	25.69	25.86	25.36	25.64	0.98	ppb
Strontium	86-1	-0.21	-0.10	-0.39	-0.23		ppb
Strontium	88-1	0.02	-0.01	-0.01	0.00		ppb
Sulfur	34-1	-204.99	-128.04	-167.40	-166.81		ppb
Terbium	159-1				94		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.04	0.04	8.87	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	17.54	ppb
Tin	118-1	0.02	0.03	0.02	0.02	22.23	ppb
Titanium	47-1	0.03	0.02	-0.01	0.01	154.50	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:01:29	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	33.79	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	8.55	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	0.08	0.06	0.03	0.06	42.03	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	23.97	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	22.05	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:04:46	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89284.38	90062.59	89650.87	89665.95	0.43	ppb
Antimony	121-1	1.56	1.61	1.64	1.60	2.62	ppb
Arsenic	75-2	0.29	0.34	0.39	0.34	15.45	ppb
Barium	135-1	1.48	1.51	1.55	1.51	2.13	ppb
Barium	137-1	1.53	1.51	1.60	1.55	3.00	ppb
Beryllium	9-1	0.36	0.32	0.33	0.34	7.52	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.47	9.65	8.89	9.34	4.29	ppb
Cadmium	106-1	-0.84	-1.35	-0.90	-1.03		ppb
Cadmium	111-1	0.39	0.32	0.34	0.35	10.82	ppb
Calcium	43-1	100725.58	101583.31	100939.55	101082.81	0.44	ppb
Calcium	44-1	100409.93	101322.53	101698.52	101143.66	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.43	20.69	20.56	20.56	0.65	ppb
Cobalt	59-2	1.24	1.27	1.24	1.25	1.23	ppb
Copper	63-2	7.50	7.42	7.40	7.44	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	101805.98	102900.00	102004.84	102236.94	0.57	ppb
Iron	57-2	101450.33	101411.62	100820.95	101227.63	0.35	ppb
Iron	54-2	102280.08	103018.47	101365.30	102221.28	0.81	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:04:46	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.25	6.20	5.79	6.41	11.70	ppb
Lead	207-1	6.67	5.56	5.19	5.81	13.24	ppb
Lead	208-1	6.78	5.70	5.30	5.92	12.90	ppb
Lithium	6-1				92		%
Magnesium	24-2	97484.27	97934.11	97467.56	97628.65	0.27	ppb
Manganese	55-2	8.13	7.92	7.92	7.99	1.53	ppb
Molybdenum	94-1	1618.55	1668.29	1655.35	1647.40	1.57	ppb
Molybdenum	95-1	1994.72	2033.18	2030.53	2019.48	1.06	ppb
Molybdenum	96-1	1960.89	2001.28	1994.48	1985.55	1.09	ppb
Molybdenum	97-1	2027.65	2034.24	2025.69	2029.20	0.22	ppb
Molybdenum	98-1	2029.41	2025.60	2022.09	2025.70	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.39	5.19	5.42	5.33	2.33	ppb
Phosphorus	31-2	101641.29	101348.63	100514.87	101168.27	0.58	ppb
Potassium	39-2	97744.49	97468.09	97938.22	97716.93	0.24	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	-0.37	-0.80	-0.74	-0.64		ppb
Selenium	77-2	0.59	0.33	-0.04	0.29	107.38	ppb
Selenium	78-2	-0.67	-0.56	-0.59	-0.61		ppb
Silicon	28-1	-2.00	-1.99	-2.03	-2.01		ppb
Silver	107-1	0.09	0.08	0.06	0.08	17.96	ppb
Silver	109-1	0.10	0.08	0.07	0.08	17.88	ppb
Sodium	23-2	98727.08	99719.37	98941.09	99129.18	0.53	ppb
Strontium	86-1	890.14	900.46	906.82	899.14	0.94	ppb
Strontium	88-1	893.37	905.48	907.51	902.12	0.85	ppb
Sulfur	34-1	103210.72	103440.13	102601.17	103084.01	0.42	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.29	0.32	0.31	0.31	5.22	ppb
Thallium	205-1	0.30	0.31	0.30	0.30	1.56	ppb
Tin	118-1	0.36	0.33	0.29	0.33	10.21	ppb
Titanium	47-1	2076.62	2112.03	2093.56	2094.07	0.85	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:04:46	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	8.25	ppb
Vanadium	51-2	0.20	0.21	0.19	0.20	4.59	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	10.99	11.40	11.18	11.19	1.86	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	6.00	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	33.80	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:07:47	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89889.27	90082.50	89864.66	89945.48	0.13	ppb
Antimony	121-1	22.17	22.18	22.46	22.27	0.74	ppb
Arsenic	75-2	20.29	20.18	20.48	20.32	0.74	ppb
Barium	135-1	21.90	21.85	22.24	22.00	0.96	ppb
Barium	137-1	21.95	22.17	22.24	22.12	0.69	ppb
Beryllium	9-1	20.22	21.31	20.90	20.81	2.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	26.33	27.06	26.94	26.78	1.47	ppb
Cadmium	106-1	17.27	16.37	15.75	16.46	4.65	ppb
Cadmium	111-1	20.42	20.45	20.68	20.52	0.70	ppb
Calcium	43-1	100057.12	103505.17	103924.27	102495.52	2.07	ppb
Calcium	44-1	99936.41	102544.80	104079.72	102186.98	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.77	40.94	41.08	40.93	0.38	ppb
Cobalt	59-2	21.61	21.07	21.35	21.34	1.26	ppb
Copper	63-2	27.81	26.58	26.49	26.96	2.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	103825.74	103670.78	103399.36	103631.96	0.21	ppb
Iron	57-2	101868.20	103206.11	101584.81	102219.71	0.85	ppb
Iron	54-2	103965.45	103774.54	103826.75	103855.58	0.10	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:07:47	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.20	26.68	26.57	26.48	0.95	ppb
Lead	207-1	24.59	25.24	25.18	25.01	1.43	ppb
Lead	208-1	24.75	25.32	25.19	25.09	1.19	ppb
Lithium	6-1				92		%
Magnesium	24-2	97903.61	97315.58	97628.69	97615.96	0.30	ppb
Manganese	55-2	28.02	27.69	27.88	27.86	0.59	ppb
Molybdenum	94-1	1630.33	1654.25	1667.45	1650.68	1.14	ppb
Molybdenum	95-1	2003.18	2028.63	2043.61	2025.14	1.01	ppb
Molybdenum	96-1	1978.90	1983.47	1999.25	1987.21	0.54	ppb
Molybdenum	97-1	2003.72	2032.51	2023.77	2020.00	0.73	ppb
Molybdenum	98-1	1983.01	2024.18	2016.12	2007.77	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.64	25.09	25.41	25.38	1.10	ppb
Phosphorus	31-2	100357.07	100707.15	100890.58	100651.60	0.27	ppb
Potassium	39-2	98968.24	98555.40	98442.39	98655.34	0.28	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	19.87	19.66	19.50	19.68	0.95	ppb
Selenium	77-2	17.63	21.55	16.17	18.45	15.08	ppb
Selenium	78-2	18.62	18.83	20.39	19.28	5.03	ppb
Silicon	28-1	-2.01	-1.87	-1.81	-1.90		ppb
Silver	107-1	19.35	19.44	19.74	19.51	1.03	ppb
Silver	109-1	19.31	19.56	19.80	19.56	1.26	ppb
Sodium	23-2	100078.04	99971.40	99671.71	99907.05	0.21	ppb
Strontium	86-1	896.90	901.71	910.77	903.13	0.78	ppb
Strontium	88-1	894.93	910.97	920.37	908.76	1.42	ppb
Sulfur	34-1	99835.54	102094.02	106581.60	102837.05	3.34	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	20.70	21.44	21.46	21.20	2.03	ppb
Thallium	205-1	20.74	21.47	21.30	21.17	1.82	ppb
Tin	118-1	0.16	0.16	0.15	0.15	5.87	ppb
Titanium	47-1	2068.21	2126.41	2129.70	2108.11	1.64	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:07:47	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	7.19	ppb
Vanadium	51-2	20.08	20.15	20.12	20.12	0.16	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	32.16	30.83	31.14	31.38	2.22	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	6.12	ppb
Zirconium	91-1	0.03	0.02	0.03	0.02	28.89	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:24:20	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49653.53	49950.53	49605.91	49736.65	0.38	ppb
Antimony	121-1	503.50	515.34	510.01	509.62	1.16	ppb
Arsenic	75-2	498.30	496.86	500.11	498.43	0.33	ppb
Barium	135-1	2557.09	2604.68	2577.01	2579.59	0.93	ppb
Barium	137-1	2583.84	2585.33	2597.53	2588.90	0.29	ppb
Beryllium	9-1	484.92	512.11	488.50	495.18	2.98	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	507.78	509.98	514.73	510.83	0.70	ppb
Cadmium	106-1	504.14	509.30	512.52	508.65	0.83	ppb
Cadmium	111-1	504.35	514.04	504.70	507.70	1.08	ppb
Calcium	43-1	243193.04	249013.10	249466.82	247224.32	1.42	ppb
Calcium	44-1	243730.22	249947.90	250873.75	248183.95	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.62	490.50	503.88	497.67	1.35	ppb
Cobalt	59-2	496.30	487.60	503.60	495.83	1.62	ppb
Copper	63-2	4828.38	4778.25	4822.45	4809.69	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	126483.70	124670.78	126146.30	125766.93	0.77	ppb
Iron	57-2	124529.69	123553.62	125131.19	124404.83	0.64	ppb
Iron	54-2	126841.67	125963.22	126832.91	126545.93	0.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:24:20	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2618.42	2623.12	2635.31	2625.62	0.33	ppb
Lead	207-1	2604.81	2623.12	2635.33	2621.09	0.59	ppb
Lead	208-1	2609.92	2611.47	2628.10	2616.50	0.39	ppb
Lithium	6-1				94		%
Magnesium	24-2	248557.39	248061.36	247588.61	248069.12	0.20	ppb
Manganese	55-2	4943.93	4878.53	4926.69	4916.38	0.69	ppb
Molybdenum	94-1	5097.29	5139.06	5165.54	5133.96	0.67	ppb
Molybdenum	95-1	5084.33	5134.09	5162.00	5126.81	0.77	ppb
Molybdenum	96-1	5098.45	5112.31	5176.55	5129.10	0.81	ppb
Molybdenum	97-1	5070.18	5105.23	5182.65	5119.35	1.12	ppb
Molybdenum	98-1	5060.92	5115.92	5201.27	5126.04	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.84	527.72	534.54	530.70	0.66	ppb
Phosphorus	31-2	9860.27	9937.45	9937.55	9911.75	0.45	ppb
Potassium	39-2	124173.67	123630.91	123886.43	123897.00	0.22	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	491.98	499.66	506.31	499.31	1.44	ppb
Selenium	77-2	483.56	484.91	468.50	478.99	1.90	ppb
Selenium	78-2	481.30	485.40	486.78	484.49	0.59	ppb
Silicon	28-1	509.31	518.88	517.02	515.07	0.99	ppb
Silver	107-1	508.37	509.13	511.01	509.50	0.27	ppb
Silver	109-1	505.98	513.44	514.65	511.35	0.92	ppb
Sodium	23-2	243925.08	244843.56	245083.91	244617.52	0.25	ppb
Strontium	86-1	12840.87	12982.83	13152.15	12991.95	1.20	ppb
Strontium	88-1	12861.13	13029.71	13077.28	12989.38	0.87	ppb
Sulfur	34-1	8963.20	9245.65	9189.14	9132.66	1.64	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	521.61	516.78	529.33	522.57	1.21	ppb
Thallium	205-1	524.22	520.94	526.73	523.96	0.55	ppb
Tin	118-1	505.15	519.26	515.45	513.29	1.42	ppb
Titanium	47-1	4991.47	5113.78	5122.13	5075.79	1.44	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:24:20	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	531.41	533.06	538.91	534.46	0.74	ppb
Vanadium	51-2	501.85	502.27	509.39	504.50	0.84	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	4956.88	5000.14	5024.74	4993.92	0.69	ppb
Zirconium	90-1	512.72	518.90	521.00	517.54	0.83	ppb
Zirconium	91-1	519.70	518.00	522.42	520.04	0.43	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:27:00	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.79	1.69	1.72	1.73	2.96	ppb
Antimony	121-1	0.27	0.24	0.21	0.24	12.39	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	77.02	ppb
Barium	135-1	0.28	0.21	0.13	0.20	36.53	ppb
Barium	137-1	0.27	0.19	0.13	0.20	35.87	ppb
Beryllium	9-1	0.13	0.12	0.13	0.13	5.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.07	0.07	0.06	11.83	ppb
Cadmium	106-1	-0.41	-1.01	-0.25	-0.56		ppb
Cadmium	111-1	0.04	0.00	0.02	0.02	109.05	ppb
Calcium	43-1	25.58	13.72	11.89	17.06	43.52	ppb
Calcium	44-1	24.33	16.60	11.71	17.55	36.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.07	0.08	0.08	7.92	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	32.75	ppb
Copper	63-2	0.25	0.21	0.22	0.23	9.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	5.47	4.94	4.53	4.98	9.40	ppb
Iron	57-2	4.74	5.03	3.94	4.57	12.35	ppb
Iron	54-2	5.96	5.67	4.75	5.46	11.61	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:27:00	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.36	0.27	0.24	0.29	21.21	ppb
Lead	207-1	0.36	0.27	0.25	0.30	19.83	ppb
Lead	208-1	0.36	0.28	0.24	0.29	20.34	ppb
Lithium	6-1				96		%
Magnesium	24-2	9.71	8.10	7.43	8.41	13.90	ppb
Manganese	55-2	0.21	0.17	0.17	0.18	13.16	ppb
Molybdenum	94-1	0.67	0.52	0.39	0.53	26.24	ppb
Molybdenum	95-1	0.64	0.47	0.34	0.48	31.23	ppb
Molybdenum	96-1	0.64	0.46	0.35	0.48	30.38	ppb
Molybdenum	97-1	0.65	0.46	0.34	0.48	33.16	ppb
Molybdenum	98-1	0.64	0.46	0.34	0.48	30.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.06	0.06	0.07	26.63	ppb
Phosphorus	31-2	-19.39	-19.85	-19.11	-19.45		ppb
Potassium	39-2	11.79	10.09	9.93	10.60	9.74	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	-0.70	-0.50	-0.62	-0.61		ppb
Selenium	77-2	0.20	0.08	-0.04	0.08	145.91	ppb
Selenium	78-2	-1.03	0.39	-0.60	-0.41		ppb
Silicon	28-1	-2.70	-2.61	-2.76	-2.69		ppb
Silver	107-1	0.11	0.09	0.08	0.09	18.67	ppb
Silver	109-1	0.13	0.10	0.08	0.10	22.71	ppb
Sodium	23-2	43.38	41.71	40.44	41.85	3.53	ppb
Strontium	86-1	1.13	0.79	0.54	0.82	36.14	ppb
Strontium	88-1	1.33	0.88	0.64	0.95	36.66	ppb
Sulfur	34-1	-671.09	-599.99	-652.72	-641.27		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.11	0.10	0.12	13.08	ppb
Thallium	205-1	0.13	0.11	0.11	0.12	13.55	ppb
Tin	118-1	0.07	0.06	0.05	0.06	20.55	ppb
Titanium	47-1	0.56	0.40	0.32	0.42	29.27	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:27:00	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.04	0.03	0.04	29.49	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	53.74	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	0.22	0.26	0.24	0.24	7.44	ppb
Zirconium	90-1	0.08	0.07	0.05	0.07	20.25	ppb
Zirconium	91-1	0.10	0.07	0.05	0.07	28.96	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BL	Instrumnet Name :	P7
Client Sample ID :	PBS530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:30:17	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.23	0.15	0.26	47.73	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	2.63	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.01	0.00	0.01	0.01	97.79	ppb
Barium	137-1	0.01	0.00	0.01	0.01	98.00	ppb
Beryllium	9-1	0.07	0.05	0.08	0.06	25.81	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.05	0.00	0.01	259.08	ppb
Cadmium	106-1	-0.40	-1.27	-0.74	-0.80		ppb
Cadmium	111-1	-0.01	-0.09	-0.04	-0.05		ppb
Calcium	43-1	-3.31	-3.48	-3.72	-3.51		ppb
Calcium	44-1	-3.01	-3.55	-3.54	-3.37		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.00	0.00		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.03	0.04	0.04	24.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	0.41	0.28	0.37	0.35	18.40	ppb
Iron	57-2	0.17	-0.11	-1.31	-0.42		ppb
Iron	54-2	0.58	-0.46	-0.28	-0.06		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BL	Instrumnet Name :	P7
Client Sample ID :	PBS530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:30:17	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.06	0.07	0.06	3.31	ppb
Lead	207-1	0.06	0.06	0.07	0.06	9.34	ppb
Lead	208-1	0.06	0.06	0.06	0.06	5.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.94	0.87	1.05	0.95	9.54	ppb
Manganese	55-2	0.00	0.01	0.00	0.01	75.49	ppb
Molybdenum	94-1	0.04	0.03	0.05	0.04	25.09	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.04	21.93	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	20.14	ppb
Molybdenum	97-1	0.04	0.01	0.02	0.02	53.46	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.03	13.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-20.96	-18.03	-21.67	-20.22		ppb
Potassium	39-2	4.10	3.58	4.02	3.90	7.19	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	-0.26	-0.45	-0.35	-0.35		ppb
Selenium	77-2	-0.04	-0.04	-0.04	-0.04		ppb
Selenium	78-2	0.24	-1.13	0.54	-0.12		ppb
Silicon	28-1	-2.96	-2.98	-2.94	-2.96		ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.25	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.19	ppb
Sodium	23-2	18.03	17.97	16.54	17.51	4.82	ppb
Strontium	86-1	-0.11	-0.25	-0.05	-0.14		ppb
Strontium	88-1	-0.03	0.03	-0.01	0.00		ppb
Sulfur	34-1	-684.54	-661.73	-612.71	-652.99		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.06	0.06	0.06	6.28	ppb
Thallium	205-1	0.06	0.05	0.05	0.06	4.87	ppb
Tin	118-1	-0.03	-0.01	-0.03	-0.02		ppb
Titanium	47-1	0.00	0.03	0.02	0.01	90.22	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BL	Instrumnet Name :	P7
Client Sample ID :	PBS530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:30:17	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	46.68	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	36.49	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	-0.03	-0.07	0.01	-0.03		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	21.43	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	56.13	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BS	Instrumnet Name :	P7
Client Sample ID :	LCS530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:33:32	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.01	41.35	41.20	40.85	1.80	ppb
Antimony	121-1	4.23	4.19	4.26	4.23	0.85	ppb
Arsenic	75-2	2.34	2.21	2.20	2.25	3.67	ppb
Barium	135-1	20.26	20.10	20.22	20.19	0.41	ppb
Barium	137-1	20.18	20.14	20.38	20.23	0.64	ppb
Beryllium	9-1	1.98	2.18	2.05	2.07	4.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.34	2.11	1.73	2.06	15.08	ppb
Cadmium	106-1	1.97	1.83	0.79	1.53	42.12	ppb
Cadmium	111-1	2.23	2.16	2.11	2.17	2.96	ppb
Calcium	43-1	1035.33	1044.17	1040.03	1039.84	0.43	ppb
Calcium	44-1	1044.53	1046.14	1052.54	1047.74	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.98	3.99	3.84	3.94	2.05	ppb
Cobalt	59-2	2.04	2.12	2.02	2.06	2.51	ppb
Copper	63-2	4.17	4.19	4.18	4.18	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	413.98	408.19	405.36	409.18	1.07	ppb
Iron	57-2	422.15	417.77	419.20	419.71	0.53	ppb
Iron	54-2	429.96	431.43	425.96	429.12	0.66	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BS	Instrumnet Name :	P7
Client Sample ID :	LCS530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:33:32	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.06	2.07	2.06	2.07	0.35	ppb
Lead	207-1	2.03	2.10	2.03	2.05	1.91	ppb
Lead	208-1	2.03	2.07	2.05	2.05	1.10	ppb
Lithium	6-1				101		%
Magnesium	24-2	956.88	952.62	954.92	954.81	0.22	ppb
Manganese	55-2	2.11	2.08	2.05	2.08	1.38	ppb
Molybdenum	94-1	11.10	11.55	11.28	11.31	2.01	ppb
Molybdenum	95-1	9.67	9.74	9.79	9.73	0.63	ppb
Molybdenum	96-1	9.98	9.83	9.96	9.92	0.81	ppb
Molybdenum	97-1	9.74	9.77	9.94	9.82	1.08	ppb
Molybdenum	98-1	9.67	9.82	9.85	9.78	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.04	2.04	2.10	4.78	ppb
Phosphorus	31-2	25.37	26.93	28.27	26.86	5.41	ppb
Potassium	39-2	1012.99	1022.52	1023.00	1019.50	0.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	10.11	9.76	9.79	9.88	1.96	ppb
Selenium	77-2	8.58	10.43	11.46	10.16	14.38	ppb
Selenium	78-2	9.09	10.01	9.71	9.60	4.90	ppb
Silicon	28-1	-0.08	0.10	0.15	0.06	216.91	ppb
Silver	107-1	2.13	2.12	2.16	2.13	0.92	ppb
Silver	109-1	2.09	2.10	2.11	2.10	0.63	ppb
Sodium	23-2	950.41	953.30	948.11	950.61	0.27	ppb
Strontium	86-1	50.24	50.50	51.25	50.66	1.03	ppb
Strontium	88-1	51.38	51.09	51.09	51.19	0.32	ppb
Sulfur	34-1	-428.06	-366.76	-383.10	-392.64		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	2.05	2.12	2.02	2.06	2.50	ppb
Thallium	205-1	2.05	2.06	2.03	2.05	0.89	ppb
Tin	118-1	10.36	10.42	10.53	10.44	0.83	ppb
Titanium	47-1	2.41	2.57	2.38	2.45	4.13	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BS	Instrumnet Name :	P7
Client Sample ID :	LCS530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:33:32	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.83	1.88	1.85	1.85	1.31	ppb
Vanadium	51-2	10.07	10.20	10.02	10.10	0.94	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	10.38	10.39	10.54	10.43	0.87	ppb
Zirconium	90-1	1.75	1.74	1.77	1.75	1.03	ppb
Zirconium	91-1	1.76	1.88	1.77	1.80	3.61	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:36:48	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.11	20.20	20.36	19.89	3.40	ppb
Antimony	121-1	2.14	2.15	2.16	2.15	0.43	ppb
Arsenic	75-2	1.10	1.20	1.03	1.11	7.69	ppb
Barium	135-1	10.09	10.38	10.17	10.21	1.46	ppb
Barium	137-1	10.32	10.40	10.29	10.34	0.54	ppb
Beryllium	9-1	1.18	1.05	1.16	1.13	6.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.97	1.11	1.12	1.07	7.92	ppb
Cadmium	106-1	0.99	0.74	0.54	0.76	29.70	ppb
Cadmium	111-1	1.14	1.09	1.06	1.10	3.81	ppb
Calcium	43-1	519.30	518.93	512.90	517.04	0.69	ppb
Calcium	44-1	514.74	521.19	519.24	518.39	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	2.19	2.17	2.12	5.20	ppb
Cobalt	59-2	1.05	1.13	1.15	1.11	5.03	ppb
Copper	63-2	2.18	2.33	2.33	2.28	3.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	213.25	228.27	226.98	222.83	3.74	ppb
Iron	57-2	212.85	228.32	226.66	222.61	3.82	ppb
Iron	54-2	215.64	232.93	227.98	225.52	3.95	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:12/18/2024
10:31:08 PM
Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:36:48	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.08	1.06	1.06	1.07	0.68	ppb
Lead	207-1	1.02	1.12	1.06	1.07	4.51	ppb
Lead	208-1	1.05	1.07	1.05	1.06	0.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	484.64	514.76	517.00	505.47	3.58	ppb
Manganese	55-2	1.01	1.16	1.06	1.08	7.41	ppb
Molybdenum	94-1	5.68	5.61	5.69	5.66	0.78	ppb
Molybdenum	95-1	5.07	4.96	5.00	5.01	1.09	ppb
Molybdenum	96-1	5.00	5.03	5.01	5.01	0.26	ppb
Molybdenum	97-1	4.96	4.96	4.97	4.97	0.10	ppb
Molybdenum	98-1	4.96	4.90	4.96	4.94	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.06	1.25	1.10	13.08	ppb
Phosphorus	31-2	2.02	4.05	13.42	6.50	93.62	ppb
Potassium	39-2	519.08	564.78	560.54	548.13	4.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	5.22	4.71	5.17	5.03	5.60	ppb
Selenium	77-2	3.70	5.31	5.97	4.99	23.35	ppb
Selenium	78-2	5.28	6.13	5.03	5.48	10.44	ppb
Silicon	28-1	-2.48	-2.40	-2.41	-2.43		ppb
Silver	107-1	1.06	1.10	1.10	1.09	2.42	ppb
Silver	109-1	1.05	1.11	1.07	1.08	2.92	ppb
Sodium	23-2	487.03	519.56	517.91	508.17	3.61	ppb
Strontium	86-1	25.21	26.38	25.01	25.53	2.90	ppb
Strontium	88-1	25.62	25.72	25.87	25.74	0.49	ppb
Sulfur	34-1	-378.02	-333.72	-353.88	-355.21		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	1.07	1.08	1.07	1.07	0.79	ppb
Thallium	205-1	1.05	1.07	1.06	1.06	0.87	ppb
Tin	118-1	5.16	5.22	5.19	5.19	0.58	ppb
Titanium	47-1	1.24	1.17	1.25	1.22	3.56	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:36:48	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.94	0.93	0.93	1.05	ppb
Vanadium	51-2	5.15	5.51	5.42	5.36	3.55	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	5.28	5.70	5.56	5.51	3.96	ppb
Zirconium	90-1	0.85	0.90	0.86	0.87	3.08	ppb
Zirconium	91-1	0.91	0.84	0.89	0.88	3.81	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BL	Instrumnet Name :	P7
Client Sample ID :	PBS541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:40:03	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	0.08	0.17	0.16	43.79	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	31.45	ppb
Arsenic	75-2	-0.01	-0.02	0.00	-0.01		ppb
Barium	135-1	0.00	0.01	0.00	0.00	128.88	ppb
Barium	137-1	0.00	0.00	0.00	0.00	427.99	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	35.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.00	-0.02	0.00	1204.75	ppb
Cadmium	106-1	-0.37	-0.65	-1.12	-0.71		ppb
Cadmium	111-1	-0.02	-0.04	-0.07	-0.05		ppb
Calcium	43-1	-2.69	-2.61	-3.94	-3.08		ppb
Calcium	44-1	-5.45	-4.98	-4.77	-5.07		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	230.94	ppb
Copper	63-2	0.02	0.01	0.01	0.01	40.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	-0.16	-0.19	-0.22	-0.19		ppb
Iron	57-2	-0.22	-0.63	0.13	-0.24		ppb
Iron	54-2	0.13	-0.45	-0.30	-0.21		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BL	Instrumnet Name :	P7
Client Sample ID :	PBS541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:40:03	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.03	0.03	0.03	13.10	ppb
Lead	207-1	0.02	0.02	0.03	0.03	25.20	ppb
Lead	208-1	0.03	0.03	0.03	0.03	7.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.63	0.29	0.42	0.45	38.86	ppb
Manganese	55-2	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.01	0.02	0.00	0.01	138.02	ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	143.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-18.70	-18.21	-20.35	-19.08		ppb
Potassium	39-2	2.61	4.68	3.45	3.58	29.18	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.78	-0.88	-0.70	-0.79		ppb
Selenium	77-2	0.08	-0.04	-0.04	0.00	129540.19	ppb
Selenium	78-2	0.38	-0.18	-0.21	0.00	151756.41	ppb
Silicon	28-1	-3.03	-2.89	-2.90	-2.94		ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.68	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.54	ppb
Sodium	23-2	6.82	6.23	6.54	6.53	4.56	ppb
Strontium	86-1	-0.19	-0.19	-0.39	-0.26		ppb
Strontium	88-1	-0.03	-0.02	-0.05	-0.03		ppb
Sulfur	34-1	-387.63	-286.80	-340.51	-338.31		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.06	0.06	0.06	1.28	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.59	ppb
Tin	118-1	-0.04	-0.03	-0.02	-0.03		ppb
Titanium	47-1	-0.01	-0.01	0.00	-0.01		ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BL	Instrumnet Name :	P7
Client Sample ID :	PBS541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:40:03	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	587.08	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.03	-0.03	-0.02	0.00		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	23.35	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	47.98	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BS	Instrumnet Name :	P7
Client Sample ID :	LCS541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:43:20	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.81	38.61	37.72	38.38	1.50	ppb
Antimony	121-1	4.37	4.33	4.39	4.36	0.70	ppb
Arsenic	75-2	2.29	2.25	2.21	2.25	1.74	ppb
Barium	135-1	20.72	20.59	21.31	20.87	1.84	ppb
Barium	137-1	20.82	20.91	20.93	20.88	0.28	ppb
Beryllium	9-1	2.16	2.08	2.19	2.14	2.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.22	2.33	2.20	2.25	3.00	ppb
Cadmium	106-1	2.29	1.72	1.76	1.92	16.60	ppb
Cadmium	111-1	2.25	2.23	2.20	2.23	1.13	ppb
Calcium	43-1	1054.08	1041.27	1064.44	1053.26	1.10	ppb
Calcium	44-1	1070.24	1055.55	1043.84	1056.54	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.00	4.00	3.95	3.98	0.66	ppb
Cobalt	59-2	2.06	2.09	2.10	2.08	0.98	ppb
Copper	63-2	4.24	4.28	4.18	4.23	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	413.33	415.29	411.84	413.49	0.42	ppb
Iron	57-2	423.03	429.66	424.42	425.70	0.82	ppb
Iron	54-2	431.58	432.64	430.11	431.44	0.29	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BS	Instrumnet Name :	P7
Client Sample ID :	LCS541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:43:20	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.07	2.09	2.10	2.09	0.69	ppb
Lead	207-1	2.02	2.03	2.05	2.04	0.67	ppb
Lead	208-1	2.03	2.05	2.07	2.05	0.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	972.29	977.53	968.04	972.62	0.49	ppb
Manganese	55-2	2.01	2.00	1.97	1.99	1.12	ppb
Molybdenum	94-1	11.70	11.60	11.64	11.65	0.46	ppb
Molybdenum	95-1	9.99	10.08	10.21	10.09	1.12	ppb
Molybdenum	96-1	9.96	10.34	10.21	10.17	1.89	ppb
Molybdenum	97-1	10.02	10.25	10.18	10.15	1.16	ppb
Molybdenum	98-1	9.89	10.02	10.17	10.03	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	2.07	2.08	2.07	0.68	ppb
Phosphorus	31-2	31.57	37.48	35.42	34.82	8.61	ppb
Potassium	39-2	1037.41	1044.75	1040.27	1040.81	0.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	10.01	10.10	10.73	10.28	3.81	ppb
Selenium	77-2	11.64	10.84	10.09	10.85	7.15	ppb
Selenium	78-2	10.27	9.78	9.73	9.93	3.01	ppb
Silicon	28-1	0.33	0.26	0.15	0.25	37.08	ppb
Silver	107-1	2.20	2.16	2.25	2.20	2.07	ppb
Silver	109-1	2.16	2.15	2.24	2.18	2.40	ppb
Sodium	23-2	965.54	967.38	957.33	963.41	0.56	ppb
Strontium	86-1	50.77	53.88	52.31	52.32	2.97	ppb
Strontium	88-1	51.78	52.74	52.03	52.19	0.96	ppb
Sulfur	34-1	-266.39	-271.69	-334.08	-290.72		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	2.07	2.07	2.05	2.06	0.44	ppb
Thallium	205-1	2.08	2.10	2.04	2.08	1.34	ppb
Tin	118-1	10.68	10.63	10.75	10.68	0.57	ppb
Titanium	47-1	2.51	2.52	2.52	2.52	0.21	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BS	Instrumnet Name :	P7
Client Sample ID :	LCS541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:43:20	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.83	1.87	1.86	1.86	1.25	ppb
Vanadium	51-2	10.29	10.30	10.22	10.27	0.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	10.59	10.24	10.30	10.38	1.82	ppb
Zirconium	90-1	1.81	1.77	1.89	1.82	3.17	ppb
Zirconium	91-1	1.86	1.75	1.80	1.80	3.07	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:46:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.62	19.41	18.81	19.28	2.19	ppb
Antimony	121-1	2.16	2.20	2.16	2.17	1.12	ppb
Arsenic	75-2	1.15	1.15	1.01	1.11	7.38	ppb
Barium	135-1	10.42	10.75	10.64	10.60	1.56	ppb
Barium	137-1	10.69	10.68	10.73	10.70	0.25	ppb
Beryllium	9-1	1.06	1.16	1.07	1.10	4.83	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.15	1.08	1.17	1.13	4.45	ppb
Cadmium	106-1	0.71	0.91	0.37	0.67	41.11	ppb
Cadmium	111-1	1.06	1.12	1.05	1.07	3.45	ppb
Calcium	43-1	515.75	528.54	537.54	527.28	2.08	ppb
Calcium	44-1	525.20	527.28	531.78	528.09	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.92	2.01	1.97	2.41	ppb
Cobalt	59-2	1.10	1.04	1.08	1.07	2.88	ppb
Copper	63-2	2.20	2.16	2.15	2.17	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	207.81	214.22	208.34	210.12	1.69	ppb
Iron	57-2	216.16	215.36	212.98	214.83	0.77	ppb
Iron	54-2	214.60	216.68	218.49	216.59	0.90	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:46:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.08	1.11	1.06	1.08	2.32	ppb
Lead	207-1	1.10	1.07	1.08	1.08	1.39	ppb
Lead	208-1	1.07	1.04	1.08	1.07	2.02	ppb
Lithium	6-1				99		%
Magnesium	24-2	490.78	487.27	490.09	489.38	0.38	ppb
Manganese	55-2	1.00	1.02	1.04	1.02	2.15	ppb
Molybdenum	94-1	5.79	5.73	5.85	5.79	1.05	ppb
Molybdenum	95-1	5.16	5.18	5.08	5.14	1.03	ppb
Molybdenum	96-1	5.18	5.22	5.18	5.19	0.42	ppb
Molybdenum	97-1	5.22	5.20	5.21	5.21	0.25	ppb
Molybdenum	98-1	5.07	5.06	5.06	5.06	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.04	1.02	1.02	2.29	ppb
Phosphorus	31-2	8.08	4.87	2.84	5.26	50.17	ppb
Potassium	39-2	523.71	522.44	526.18	524.11	0.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	5.12	4.84	5.14	5.03	3.35	ppb
Selenium	77-2	4.44	4.44	4.88	4.59	5.60	ppb
Selenium	78-2	5.68	5.39	5.16	5.41	4.87	ppb
Silicon	28-1	-0.08	-0.23	-0.12	-0.14		ppb
Silver	107-1	1.08	1.09	1.14	1.10	2.76	ppb
Silver	109-1	1.13	1.14	1.13	1.13	0.44	ppb
Sodium	23-2	486.94	486.34	488.00	487.10	0.17	ppb
Strontium	86-1	27.95	26.60	26.41	26.99	3.10	ppb
Strontium	88-1	26.62	26.54	26.45	26.53	0.32	ppb
Sulfur	34-1	-369.46	-327.75	-298.38	-331.86		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	1.10	1.06	1.12	1.09	2.79	ppb
Thallium	205-1	1.10	1.09	1.08	1.09	1.23	ppb
Tin	118-1	5.35	5.45	5.40	5.40	0.92	ppb
Titanium	47-1	1.19	1.35	1.29	1.28	6.13	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:46:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.96	0.95	0.96	1.00	ppb
Vanadium	51-2	5.17	5.19	5.28	5.21	1.16	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	5.30	5.15	5.31	5.25	1.75	ppb
Zirconium	90-1	0.87	0.88	0.90	0.88	1.36	ppb
Zirconium	91-1	0.94	0.94	0.89	0.93	3.34	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BL	Instrumnet Name :	P7
Client Sample ID :	PBS550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:49:50	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	-0.01	0.03	0.02	152.70	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	23.28	ppb
Arsenic	75-2	-0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00	571.77	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	24.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.03	-0.04	-0.03		ppb
Cadmium	106-1	-0.09	-0.24	-0.87	-0.40		ppb
Cadmium	111-1	-0.01	-0.02	-0.06	-0.03		ppb
Calcium	43-1	-2.86	-2.39	-3.40	-2.88		ppb
Calcium	44-1	-4.17	-4.16	-4.23	-4.19		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	-0.03	-0.02		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.02	0.00	-0.01	0.00	354.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	-0.23	-0.20	-0.26	-0.23		ppb
Iron	57-2	-0.58	-0.63	-1.09	-0.77		ppb
Iron	54-2	0.06	-0.14	-0.58	-0.22		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BL	Instrumnet Name :	P7
Client Sample ID :	PBS550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:49:50	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.02	0.01	33.07	ppb
Lead	207-1	0.02	0.02	0.01	0.02	21.14	ppb
Lead	208-1	0.02	0.02	0.01	0.01	13.62	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.29	0.43	0.70	0.47	44.50	ppb
Manganese	55-2	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	94-1	0.01	0.02	0.00	0.01	82.97	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-22.69	-17.29	-16.64	-18.87		ppb
Potassium	39-2	2.05	2.40	4.03	2.83	37.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	-0.39	-0.14	-0.42	-0.32		ppb
Selenium	77-2	-0.04	0.19	-0.04	0.04	347.91	ppb
Selenium	78-2	0.31	0.06	-1.16	-0.26		ppb
Silicon	28-1	-2.73	-2.74	-2.70	-2.72		ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.02	ppb
Silver	109-1	0.01	0.02	0.01	0.01	28.94	ppb
Sodium	23-2	2.75	2.39	2.89	2.67	9.71	ppb
Strontium	86-1	-0.42	-0.06	-0.04	-0.18		ppb
Strontium	88-1	-0.04	-0.05	-0.06	-0.05		ppb
Sulfur	34-1	-361.94	-345.94	-310.99	-339.62		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.03	0.04	18.17	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	9.11	ppb
Tin	118-1	-0.03	-0.02	-0.03	-0.03		ppb
Titanium	47-1	-0.02	-0.02	0.01	-0.01		ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BL	Instrumnet Name :	P7
Client Sample ID :	PBS550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:49:50	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	257.46	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	-0.05	-0.12	-0.03	-0.07		ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	37.08	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00	616.30	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BS	Instrumnet Name :	P7
Client Sample ID :	LCS550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:53:05	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.36	38.99	38.52	38.62	0.86	ppb
Antimony	121-1	4.26	4.32	4.44	4.34	2.07	ppb
Arsenic	75-2	2.25	2.13	2.15	2.18	2.97	ppb
Barium	135-1	20.89	20.83	20.78	20.84	0.26	ppb
Barium	137-1	20.89	20.99	21.21	21.03	0.78	ppb
Beryllium	9-1	2.08	2.09	2.17	2.11	2.21	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.17	2.27	2.08	2.17	4.42	ppb
Cadmium	106-1	1.76	1.93	2.25	1.98	12.54	ppb
Cadmium	111-1	2.20	2.17	2.30	2.22	2.95	ppb
Calcium	43-1	1044.31	1061.94	1072.72	1059.66	1.35	ppb
Calcium	44-1	1048.44	1064.79	1055.43	1056.22	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.97	4.07	4.03	4.02	1.28	ppb
Cobalt	59-2	2.12	2.11	2.07	2.10	1.31	ppb
Copper	63-2	4.20	4.31	4.31	4.27	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	415.58	416.17	413.66	415.14	0.32	ppb
Iron	57-2	424.37	424.73	420.10	423.07	0.61	ppb
Iron	54-2	431.12	430.63	434.01	431.92	0.42	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BS	Instrumnet Name :	P7
Client Sample ID :	LCS550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:53:05	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.02	2.01	2.11	2.05	2.64	ppb
Lead	207-1	1.94	2.06	2.08	2.03	3.73	ppb
Lead	208-1	2.00	2.04	2.09	2.04	2.18	ppb
Lithium	6-1				102		%
Magnesium	24-2	976.45	971.07	976.90	974.80	0.33	ppb
Manganese	55-2	2.03	2.03	2.06	2.04	0.72	ppb
Molybdenum	94-1	11.20	11.51	11.36	11.35	1.36	ppb
Molybdenum	95-1	9.76	9.97	9.99	9.91	1.30	ppb
Molybdenum	96-1	9.86	10.13	10.07	10.02	1.43	ppb
Molybdenum	97-1	9.83	10.04	10.12	9.99	1.50	ppb
Molybdenum	98-1	9.93	9.87	9.93	9.91	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	1.96	2.27	2.07	8.59	ppb
Phosphorus	31-2	27.14	32.88	38.73	32.92	17.61	ppb
Potassium	39-2	1039.59	1038.73	1038.17	1038.83	0.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	10.56	10.37	10.51	10.48	0.96	ppb
Selenium	77-2	8.60	9.59	9.30	9.16	5.56	ppb
Selenium	78-2	11.40	11.23	10.99	11.20	1.84	ppb
Silicon	28-1	0.19	0.36	0.27	0.28	30.02	ppb
Silver	107-1	2.16	2.21	2.26	2.21	2.16	ppb
Silver	109-1	2.17	2.18	2.26	2.20	2.22	ppb
Sodium	23-2	957.75	957.51	962.88	959.38	0.32	ppb
Strontium	86-1	50.61	51.19	50.02	50.61	1.16	ppb
Strontium	88-1	50.76	52.07	52.30	51.71	1.61	ppb
Sulfur	34-1	-220.72	-151.04	-153.42	-175.06		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	2.04	2.03	2.07	2.05	1.06	ppb
Thallium	205-1	1.98	2.04	2.10	2.04	3.13	ppb
Tin	118-1	10.66	10.66	10.83	10.72	0.88	ppb
Titanium	47-1	2.51	2.46	2.47	2.48	0.95	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BS	Instrumnet Name :	P7
Client Sample ID :	LCS550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:53:05	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.80	1.81	1.91	1.84	3.16	ppb
Vanadium	51-2	10.39	10.16	10.40	10.32	1.32	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	10.53	10.30	10.40	10.41	1.10	ppb
Zirconium	90-1	1.76	1.79	1.78	1.78	0.88	ppb
Zirconium	91-1	1.80	1.85	1.78	1.81	1.94	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:56:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.43	18.64	18.57	18.55	0.56	ppb
Antimony	121-1	2.09	2.05	2.13	2.09	2.09	ppb
Arsenic	75-2	1.06	1.00	1.03	1.03	3.19	ppb
Barium	135-1	9.91	10.04	9.92	9.95	0.72	ppb
Barium	137-1	9.80	10.02	10.08	9.97	1.46	ppb
Beryllium	9-1	1.11	1.01	1.02	1.04	5.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.21	0.84	0.98	1.01	18.13	ppb
Cadmium	106-1	1.20	0.92	0.71	0.94	26.14	ppb
Cadmium	111-1	1.05	1.01	1.10	1.05	4.26	ppb
Calcium	43-1	500.45	498.57	512.79	503.94	1.53	ppb
Calcium	44-1	490.50	500.92	500.51	497.31	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.93	1.89	1.92	1.56	ppb
Cobalt	59-2	0.97	1.01	1.01	1.00	2.33	ppb
Copper	63-2	1.98	2.05	2.08	2.04	2.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	202.39	203.78	203.31	203.16	0.35	ppb
Iron	57-2	205.72	203.80	204.67	204.73	0.47	ppb
Iron	54-2	206.53	208.41	207.74	207.56	0.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:56:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.01	1.02	1.03	1.02	0.84	ppb
Lead	207-1	0.98	1.02	1.02	1.01	2.33	ppb
Lead	208-1	0.98	1.01	1.01	1.00	1.63	ppb
Lithium	6-1				100		%
Magnesium	24-2	465.51	466.65	462.88	465.01	0.42	ppb
Manganese	55-2	0.97	0.95	0.94	0.95	1.92	ppb
Molybdenum	94-1	5.44	5.50	5.54	5.50	0.95	ppb
Molybdenum	95-1	4.78	4.82	4.84	4.81	0.65	ppb
Molybdenum	96-1	4.87	4.90	4.94	4.90	0.80	ppb
Molybdenum	97-1	4.67	4.87	4.86	4.80	2.33	ppb
Molybdenum	98-1	4.74	4.74	4.79	4.76	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.94	0.97	0.99	5.00	ppb
Phosphorus	31-2	5.33	4.22	3.97	4.51	16.16	ppb
Potassium	39-2	499.39	500.84	496.24	498.82	0.47	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	4.75	4.68	5.11	4.85	4.73	ppb
Selenium	77-2	4.00	6.66	4.48	5.05	28.07	ppb
Selenium	78-2	4.70	5.10	5.32	5.04	6.24	ppb
Silicon	28-1	-0.42	-0.44	-0.20	-0.35		ppb
Silver	107-1	1.05	1.06	1.06	1.05	0.58	ppb
Silver	109-1	1.05	1.07	1.05	1.05	0.93	ppb
Sodium	23-2	460.04	463.42	457.35	460.27	0.66	ppb
Strontium	86-1	23.66	24.45	24.59	24.23	2.08	ppb
Strontium	88-1	24.96	25.34	25.48	25.26	1.05	ppb
Sulfur	34-1	-227.44	-169.35	-95.96	-164.25		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	1.02	1.04	1.04	1.03	1.16	ppb
Thallium	205-1	1.01	1.01	1.04	1.02	1.58	ppb
Tin	118-1	5.08	5.09	5.04	5.07	0.58	ppb
Titanium	47-1	1.20	1.14	1.17	1.17	2.77	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:56:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.90	0.92	0.91	1.00	ppb
Vanadium	51-2	4.93	4.94	4.89	4.92	0.56	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	4.80	5.07	5.00	4.96	2.87	ppb
Zirconium	90-1	0.84	0.84	0.87	0.85	1.68	ppb
Zirconium	91-1	0.82	0.79	0.91	0.84	7.49	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BL	Instrumnet Name :	P7
Client Sample ID :	PBS576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:59:36	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.05	-0.03	0.00	931.74	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	16.28	ppb
Arsenic	75-2	0.00	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00	83.16	ppb
Barium	137-1	0.01	0.01	0.00	0.01	32.57	ppb
Beryllium	9-1	0.02	0.04	0.03	0.03	39.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.03	-0.02	0.02	188.38	ppb
Cadmium	106-1	-0.27	0.41	-0.63	-0.16		ppb
Cadmium	111-1	-0.02	0.03	-0.04	-0.01		ppb
Calcium	43-1	-4.47	-4.01	-4.67	-4.39		ppb
Calcium	44-1	-4.87	-5.36	-5.11	-5.11		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	104.00	ppb
Copper	63-2	0.00	0.00	0.02	0.01	93.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	-0.15	-0.25	-0.24	-0.22		ppb
Iron	57-2	-0.57	-0.30	-0.18	-0.35		ppb
Iron	54-2	-0.24	-0.23	-0.21	-0.22		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:12/18/2024
10:31:08 PM
Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BL	Instrumnet Name :	P7
Client Sample ID :	PBS576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:59:36	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.01	0.02	19.74	ppb
Lead	207-1	0.01	0.02	0.01	0.02	25.60	ppb
Lead	208-1	0.01	0.01	0.01	0.01	14.38	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.32	0.09	0.23	0.22	53.60	ppb
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	0.01	0.01	0.01	100.35	ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	0.04	0.03	58.22	ppb
Phosphorus	31-2	-19.09	-21.88	-19.46	-20.14		ppb
Potassium	39-2	3.34	4.32	3.34	3.67	15.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	-0.67	-0.42	-0.37	-0.49		ppb
Selenium	77-2	-0.04	-0.04	0.08	0.00		ppb
Selenium	78-2	0.00	0.45	-1.04	-0.20		ppb
Silicon	28-1	-2.78	-2.75	-2.69	-2.74		ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.22	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.21	ppb
Sodium	23-2	1.66	1.40	0.99	1.35	24.95	ppb
Strontium	86-1	0.18	-0.07	-0.62	-0.17		ppb
Strontium	88-1	-0.03	-0.06	-0.03	-0.04		ppb
Sulfur	34-1	-114.04	-105.87	-116.90	-112.27		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.04	0.04	19.88	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	8.16	ppb
Tin	118-1	-0.03	-0.01	-0.03	-0.02		ppb
Titanium	47-1	-0.02	0.00	-0.02	-0.01		ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BL	Instrumnet Name :	P7
Client Sample ID :	PBS576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:59:36	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	6440.01	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	81.79	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	-0.10	-0.10	-0.16	-0.12		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	20.70	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	151.81	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BS	Instrumnet Name :	P7
Client Sample ID :	LCS576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:02:53	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.22	38.31	38.13	38.56	1.52	ppb
Antimony	121-1	4.26	4.40	4.38	4.35	1.68	ppb
Arsenic	75-2	2.24	2.37	2.11	2.24	5.77	ppb
Barium	135-1	20.27	21.21	21.44	20.97	2.95	ppb
Barium	137-1	20.89	21.37	21.49	21.25	1.51	ppb
Beryllium	9-1	2.04	2.07	2.12	2.08	1.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.06	2.48	2.20	2.25	9.35	ppb
Cadmium	106-1	1.61	2.24	1.83	1.89	16.95	ppb
Cadmium	111-1	2.19	2.28	2.20	2.22	2.23	ppb
Calcium	43-1	1047.01	1089.83	1047.75	1061.53	2.31	ppb
Calcium	44-1	1037.11	1059.54	1038.93	1045.19	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.91	3.95	3.92	3.93	0.58	ppb
Cobalt	59-2	2.06	2.11	2.10	2.09	1.35	ppb
Copper	63-2	4.32	4.24	4.25	4.27	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	415.93	413.95	410.93	413.60	0.61	ppb
Iron	57-2	426.21	429.22	425.98	427.14	0.42	ppb
Iron	54-2	428.95	431.46	428.47	429.63	0.37	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BS	Instrumnet Name :	P7
Client Sample ID :	LCS576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:02:53	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.12	2.08	2.16	2.12	1.83	ppb
Lead	207-1	2.12	2.05	2.15	2.11	2.39	ppb
Lead	208-1	2.08	2.03	2.12	2.07	2.09	ppb
Lithium	6-1				101		%
Magnesium	24-2	978.30	983.06	977.59	979.65	0.30	ppb
Manganese	55-2	2.07	2.00	2.03	2.03	1.83	ppb
Molybdenum	94-1	11.21	11.48	11.46	11.38	1.37	ppb
Molybdenum	95-1	9.88	10.08	10.12	10.03	1.31	ppb
Molybdenum	96-1	10.08	10.17	10.24	10.16	0.83	ppb
Molybdenum	97-1	9.94	10.09	10.11	10.05	0.95	ppb
Molybdenum	98-1	9.94	10.11	10.15	10.06	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.14	2.06	2.01	2.07	3.13	ppb
Phosphorus	31-2	31.59	39.22	29.46	33.43	15.35	ppb
Potassium	39-2	1041.49	1046.98	1042.59	1043.68	0.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	10.43	10.01	9.71	10.05	3.61	ppb
Selenium	77-2	12.64	10.84	9.64	11.04	13.67	ppb
Selenium	78-2	11.98	11.45	11.08	11.50	3.90	ppb
Silicon	28-1	0.29	0.54	0.65	0.49	36.98	ppb
Silver	107-1	2.12	2.24	2.29	2.21	3.90	ppb
Silver	109-1	2.15	2.28	2.24	2.22	2.79	ppb
Sodium	23-2	963.10	966.30	967.94	965.78	0.25	ppb
Strontium	86-1	49.74	53.05	51.54	51.44	3.22	ppb
Strontium	88-1	51.90	52.48	52.82	52.40	0.89	ppb
Sulfur	34-1	-111.05	-82.66	-137.92	-110.54		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	2.11	2.11	2.16	2.13	1.39	ppb
Thallium	205-1	2.05	2.04	2.15	2.08	2.96	ppb
Tin	118-1	10.59	10.78	10.94	10.77	1.66	ppb
Titanium	47-1	2.49	2.37	2.51	2.46	3.00	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BS	Instrumnet Name :	P7
Client Sample ID :	LCS576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:02:53	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.90	1.91	1.95	1.92	1.36	ppb
Vanadium	51-2	10.32	10.23	10.33	10.29	0.53	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	10.30	10.40	10.46	10.39	0.82	ppb
Zirconium	90-1	1.76	1.77	1.75	1.76	0.51	ppb
Zirconium	91-1	1.81	1.92	1.72	1.82	5.61	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:06:06	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.04	19.41	21.25	19.90	5.96	ppb
Antimony	121-1	2.16	2.19	2.23	2.19	1.52	ppb
Arsenic	75-2	1.06	1.02	1.07	1.05	2.74	ppb
Barium	135-1	10.76	10.50	10.68	10.65	1.22	ppb
Barium	137-1	10.53	10.45	10.48	10.49	0.38	ppb
Beryllium	9-1	1.12	1.06	1.11	1.10	3.22	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.10	1.25	1.07	1.14	8.45	ppb
Cadmium	106-1	1.49	0.13	1.01	0.88	78.88	ppb
Cadmium	111-1	1.17	1.03	1.12	1.11	6.35	ppb
Calcium	43-1	525.82	529.87	532.58	529.42	0.64	ppb
Calcium	44-1	518.10	534.22	523.18	525.17	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.06	2.04	2.05	2.05	0.53	ppb
Cobalt	59-2	1.04	1.02	1.07	1.04	2.66	ppb
Copper	63-2	2.14	2.04	2.14	2.11	2.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	207.89	208.11	209.17	208.39	0.33	ppb
Iron	57-2	212.39	212.40	217.06	213.95	1.26	ppb
Iron	54-2	217.57	214.85	217.54	216.66	0.72	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:06:06	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.09	1.06	1.08	1.08	1.52	ppb
Lead	207-1	1.04	1.03	1.07	1.05	2.02	ppb
Lead	208-1	1.04	1.05	1.07	1.05	1.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	491.56	487.30	499.14	492.67	1.22	ppb
Manganese	55-2	1.02	1.03	1.09	1.05	3.37	ppb
Molybdenum	94-1	5.66	5.71	5.59	5.66	1.05	ppb
Molybdenum	95-1	5.00	5.07	5.01	5.03	0.79	ppb
Molybdenum	96-1	5.03	5.14	5.16	5.11	1.35	ppb
Molybdenum	97-1	5.02	5.14	5.16	5.11	1.43	ppb
Molybdenum	98-1	5.02	5.11	5.05	5.06	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.06	1.05	1.06	0.30	ppb
Phosphorus	31-2	9.38	4.90	12.96	9.08	44.47	ppb
Potassium	39-2	528.14	525.35	532.63	528.71	0.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	4.67	5.11	4.93	4.91	4.55	ppb
Selenium	77-2	4.61	4.72	6.05	5.13	15.60	ppb
Selenium	78-2	6.00	4.57	5.22	5.26	13.64	ppb
Silicon	28-1	-0.28	0.01	0.07	-0.06		ppb
Silver	107-1	1.12	1.12	1.14	1.13	0.92	ppb
Silver	109-1	1.10	1.15	1.14	1.13	2.08	ppb
Sodium	23-2	485.06	481.85	493.29	486.73	1.21	ppb
Strontium	86-1	25.94	26.20	25.37	25.84	1.65	ppb
Strontium	88-1	26.31	26.08	26.31	26.23	0.51	ppb
Sulfur	34-1	-253.74	-118.56	-199.22	-190.51		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	1.06	1.10	1.09	1.08	1.67	ppb
Thallium	205-1	1.06	1.07	1.07	1.07	0.89	ppb
Tin	118-1	5.48	5.37	5.38	5.41	1.12	ppb
Titanium	47-1	1.26	1.25	1.31	1.27	2.30	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:06:06	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.94	0.95	0.94	1.49	ppb
Vanadium	51-2	5.17	5.00	5.14	5.10	1.72	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	5.30	5.10	5.22	5.21	1.97	ppb
Zirconium	90-1	0.93	0.91	0.87	0.90	3.25	ppb
Zirconium	91-1	0.82	0.91	0.92	0.88	6.25	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BL	Instrumnet Name :	P7
Client Sample ID :	PBS578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:09:22	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	0.07	0.12	0.10	23.52	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	204.73	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.00	0.01	0.01	51.70	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	39.88	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.02	-0.01	-0.01		ppb
Cadmium	106-1	0.18	-0.65	-0.22	-0.23		ppb
Cadmium	111-1	0.01	-0.05	-0.02	-0.02		ppb
Calcium	43-1	-3.29	-2.64	-3.48	-3.14		ppb
Calcium	44-1	-4.44	-4.00	-3.87	-4.10		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.01	0.00	2339.30	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	0.00	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	-0.24	-0.27	-0.22	-0.24		ppb
Iron	57-2	-0.33	0.40	1.06	0.37	186.21	ppb
Iron	54-2	-0.27	-0.45	-0.53	-0.42		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:12/18/2024
10:31:08 PM
Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BL	Instrumnet Name :	P7
Client Sample ID :	PBS578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:09:22	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	0.01	0.00	0.00	0.00	189.14	ppb
Lead	208-1	0.00	0.00	0.00	0.00	62.89	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.13	0.06	0.04	0.08	61.56	ppb
Manganese	55-2	0.00	-0.02	-0.02	-0.01		ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	40.61	ppb
Molybdenum	95-1	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.05	0.03	44.85	ppb
Phosphorus	31-2	-19.10	-22.58	-20.47	-20.72		ppb
Potassium	39-2	2.08	2.35	3.35	2.59	25.86	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	-0.19	-0.65	-0.62	-0.49		ppb
Selenium	77-2	-0.04	-0.04	-0.04	-0.04		ppb
Selenium	78-2	-0.14	0.53	0.55	0.31	125.44	ppb
Silicon	28-1	-0.66	-2.55	-0.47	-1.23		ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.73	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.34	ppb
Sodium	23-2	0.62	-0.57	-0.44	-0.13		ppb
Strontium	86-1	0.07	0.00	-0.09	-0.01		ppb
Strontium	88-1	-0.06	-0.06	-0.01	-0.04		ppb
Sulfur	34-1	-208.46	-158.85	-128.20	-165.17		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.03	0.02	10.40	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.46	ppb
Tin	118-1	-0.05	-0.04	-0.03	-0.04		ppb
Titanium	47-1	0.00	-0.02	-0.01	-0.01		ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BL	Instrumnet Name :	P7
Client Sample ID :	PBS578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:09:22	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	-0.07	-0.15	-0.15	-0.13		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	27.27	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	118.43	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BS	Instrumnet Name :	P7
Client Sample ID :	LCS578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:12:36	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.53	39.32	38.30	38.38	2.33	ppb
Antimony	121-1	4.23	4.25	4.33	4.27	1.26	ppb
Arsenic	75-2	2.23	2.15	2.08	2.15	3.45	ppb
Barium	135-1	20.46	20.66	20.95	20.69	1.19	ppb
Barium	137-1	20.64	20.73	21.15	20.84	1.28	ppb
Beryllium	9-1	2.16	2.15	2.05	2.12	3.03	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.01	2.06	2.35	2.14	8.75	ppb
Cadmium	106-1	2.14	1.91	2.40	2.15	11.47	ppb
Cadmium	111-1	2.20	2.25	2.27	2.24	1.56	ppb
Calcium	43-1	1026.45	1031.65	1026.97	1028.36	0.28	ppb
Calcium	44-1	1036.51	1033.32	1042.40	1037.41	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.02	4.00	3.83	3.95	2.64	ppb
Cobalt	59-2	2.11	2.08	2.04	2.08	1.55	ppb
Copper	63-2	4.21	4.32	4.23	4.25	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	407.12	406.69	406.49	406.77	0.08	ppb
Iron	57-2	421.17	422.35	416.59	420.03	0.72	ppb
Iron	54-2	425.37	429.63	422.20	425.74	0.88	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BS	Instrumnet Name :	P7
Client Sample ID :	LCS578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:12:36	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.00	2.03	2.05	2.03	1.33	ppb
Lead	207-1	1.98	1.93	2.07	1.99	3.40	ppb
Lead	208-1	2.00	1.97	2.05	2.01	2.09	ppb
Lithium	6-1				103		%
Magnesium	24-2	958.75	967.00	954.90	960.22	0.64	ppb
Manganese	55-2	2.03	2.00	1.94	1.99	2.38	ppb
Molybdenum	94-1	11.50	11.23	11.53	11.42	1.43	ppb
Molybdenum	95-1	9.86	9.90	9.90	9.89	0.25	ppb
Molybdenum	96-1	9.96	9.95	10.14	10.02	1.08	ppb
Molybdenum	97-1	9.73	9.90	10.02	9.88	1.47	ppb
Molybdenum	98-1	9.82	9.97	9.85	9.88	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	2.11	1.99	2.04	2.99	ppb
Phosphorus	31-2	30.43	31.98	32.15	31.52	3.00	ppb
Potassium	39-2	1027.38	1034.80	1024.21	1028.80	0.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	10.78	9.86	10.77	10.47	5.04	ppb
Selenium	77-2	10.58	10.31	9.66	10.18	4.62	ppb
Selenium	78-2	9.91	10.57	10.86	10.45	4.64	ppb
Silicon	28-1	0.54	0.47	0.55	0.52	8.97	ppb
Silver	107-1	2.16	2.21	2.23	2.20	1.66	ppb
Silver	109-1	2.11	2.18	2.22	2.17	2.48	ppb
Sodium	23-2	942.07	953.13	942.90	946.03	0.65	ppb
Strontium	86-1	50.83	52.07	52.45	51.78	1.63	ppb
Strontium	88-1	50.64	51.17	51.93	51.25	1.27	ppb
Sulfur	34-1	-173.08	-154.09	-117.29	-148.15		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	2.01	2.02	2.08	2.04	1.64	ppb
Thallium	205-1	1.94	2.00	2.10	2.01	4.11	ppb
Tin	118-1	10.64	10.60	10.69	10.64	0.42	ppb
Titanium	47-1	2.43	2.37	2.40	2.40	1.27	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BS	Instrumnet Name :	P7
Client Sample ID :	LCS578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:12:36	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.81	1.81	1.86	1.83	1.35	ppb
Vanadium	51-2	10.33	10.36	10.06	10.25	1.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	9.67	10.14	10.01	9.94	2.42	ppb
Zirconium	90-1	1.74	1.73	1.82	1.76	2.83	ppb
Zirconium	91-1	1.72	1.77	1.81	1.77	2.63	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:15:52	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.22	19.06	19.12	19.13	0.43	ppb
Antimony	121-1	2.12	2.13	2.14	2.13	0.60	ppb
Arsenic	75-2	1.05	1.11	1.11	1.09	3.23	ppb
Barium	135-1	10.34	10.41	10.37	10.37	0.30	ppb
Barium	137-1	10.40	10.24	10.40	10.35	0.89	ppb
Beryllium	9-1	1.11	0.97	1.05	1.04	6.92	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	1.04	1.09	1.09	4.30	ppb
Cadmium	106-1	1.22	0.02	0.37	0.54	115.29	ppb
Cadmium	111-1	1.17	0.99	1.04	1.07	8.69	ppb
Calcium	43-1	528.16	525.25	524.39	525.93	0.38	ppb
Calcium	44-1	524.78	524.10	525.24	524.71	0.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.04	1.98	2.00	1.97	ppb
Cobalt	59-2	1.07	1.02	1.03	1.04	2.58	ppb
Copper	63-2	2.14	2.15	2.10	2.13	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	205.51	205.51	202.82	204.61	0.76	ppb
Iron	57-2	211.55	212.32	205.86	209.91	1.68	ppb
Iron	54-2	214.07	211.70	216.18	213.98	1.05	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:15:52	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.01	1.03	1.04	1.03	1.39	ppb
Lead	207-1	1.03	1.01	1.06	1.03	2.60	ppb
Lead	208-1	1.01	1.01	1.04	1.02	1.62	ppb
Lithium	6-1				103		%
Magnesium	24-2	490.54	488.48	485.72	488.25	0.50	ppb
Manganese	55-2	1.01	0.99	0.96	0.99	2.42	ppb
Molybdenum	94-1	5.66	5.52	5.49	5.56	1.59	ppb
Molybdenum	95-1	4.97	4.93	4.97	4.96	0.50	ppb
Molybdenum	96-1	4.99	5.05	5.07	5.04	0.91	ppb
Molybdenum	97-1	5.01	4.88	4.92	4.94	1.33	ppb
Molybdenum	98-1	5.00	4.94	5.01	4.98	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.11	1.00	1.08	5.72	ppb
Phosphorus	31-2	4.19	7.76	7.44	6.46	30.55	ppb
Potassium	39-2	521.41	519.48	520.06	520.32	0.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	5.21	5.27	5.17	5.22	0.96	ppb
Selenium	77-2	4.58	6.20	6.49	5.76	17.92	ppb
Selenium	78-2	5.54	5.96	4.49	5.33	14.15	ppb
Silicon	28-1	-0.06	-0.03	-0.06	-0.05		ppb
Silver	107-1	1.10	1.08	1.09	1.09	0.79	ppb
Silver	109-1	1.10	1.10	1.10	1.10	0.34	ppb
Sodium	23-2	481.72	479.17	476.70	479.19	0.52	ppb
Strontium	86-1	25.76	25.27	25.27	25.43	1.13	ppb
Strontium	88-1	25.67	25.91	25.81	25.80	0.46	ppb
Sulfur	34-1	-79.66	-9.71	-29.68	-39.68		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.07	1.08	1.11	1.09	1.83	ppb
Thallium	205-1	1.04	1.04	1.06	1.05	0.83	ppb
Tin	118-1	5.36	5.26	5.27	5.30	1.03	ppb
Titanium	47-1	1.25	1.27	1.24	1.25	1.20	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:15:52	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.91	0.93	0.92	1.18	ppb
Vanadium	51-2	5.12	5.24	5.11	5.16	1.38	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	5.25	5.36	5.10	5.24	2.56	ppb
Zirconium	90-1	0.89	0.84	0.82	0.85	4.25	ppb
Zirconium	91-1	0.90	0.85	0.94	0.90	4.87	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:19:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34941.18	34918.45	34788.11	34882.58	0.24	ppb
Antimony	121-1	0.68	0.72	0.74	0.71	4.52	ppb
Arsenic	75-2	72.27	71.12	71.25	71.55	0.88	ppb
Barium	135-1	522.62	545.44	542.36	536.81	2.31	ppb
Barium	137-1	519.06	543.15	546.09	536.10	2.77	ppb
Beryllium	9-1	1.54	1.66	1.64	1.61	4.05	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.26	3.42	3.13	3.27	4.33	ppb
Cadmium	106-1	5.75	5.16	4.65	5.19	10.70	ppb
Cadmium	111-1	2.54	2.51	2.54	2.53	0.74	ppb
Calcium	43-1	23636.53	24585.29	24608.24	24276.69	2.28	ppb
Calcium	44-1	23139.26	23717.23	23935.22	23597.24	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.56	61.39	61.71	61.55	0.26	ppb
Cobalt	59-2	33.47	33.44	33.22	33.38	0.42	ppb
Copper	63-2	223.80	223.96	223.01	223.59	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	74653.85	73874.66	74663.82	74397.44	0.61	ppb
Iron	57-2	73686.27	73281.36	73165.28	73377.64	0.37	ppb
Iron	54-2	75219.05	74341.80	74594.75	74718.54	0.60	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:19:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	217.98	225.40	227.03	223.47	2.16	ppb
Lead	207-1	219.42	227.75	230.00	225.72	2.47	ppb
Lead	208-1	217.16	226.28	227.50	223.65	2.53	ppb
Lithium	6-1				108		%
Magnesium	24-2	17529.54	17484.78	17479.70	17498.01	0.16	ppb
Manganese	55-2	1756.74	1747.96	1766.82	1757.17	0.54	ppb
Molybdenum	94-1	21.98	22.81	23.07	22.62	2.51	ppb
Molybdenum	95-1	0.72	0.77	0.79	0.76	4.51	ppb
Molybdenum	96-1	3.48	3.54	3.57	3.53	1.23	ppb
Molybdenum	97-1	0.70	0.74	0.74	0.73	3.03	ppb
Molybdenum	98-1	0.72	0.75	0.76	0.74	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.04	72.72	73.65	73.47	0.92	ppb
Phosphorus	31-2	2953.10	2925.99	2891.70	2923.60	1.05	ppb
Potassium	39-2	11548.27	11652.93	11568.11	11589.77	0.48	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	0.95	0.81	0.66	0.81	18.43	ppb
Selenium	77-2	13.98	15.96	12.90	14.28	10.85	ppb
Selenium	78-2	3.75	3.76	3.26	3.59	7.99	ppb
Silicon	28-1	158.59	166.82	168.62	164.68	3.25	ppb
Silver	107-1	0.77	0.82	0.80	0.80	3.06	ppb
Silver	109-1	0.77	0.81	0.80	0.79	2.80	ppb
Sodium	23-2	116.16	114.29	115.82	115.42	0.86	ppb
Strontium	86-1	3006.66	3070.08	3121.40	3066.05	1.87	ppb
Strontium	88-1	3015.55	3095.20	3116.06	3075.60	1.72	ppb
Sulfur	34-1	483.36	499.20	429.85	470.80	7.72	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.35	0.38	0.39	0.37	4.46	ppb
Thallium	205-1	0.36	0.37	0.39	0.37	4.86	ppb
Tin	118-1	38.72	40.40	40.54	39.88	2.54	ppb
Titanium	47-1	437.40	453.55	455.95	448.97	2.25	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:19:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.89	0.91	0.89	2.67	ppb
Vanadium	51-2	114.83	115.19	114.99	115.00	0.16	ppb
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	600.41	600.46	600.28	600.38	0.02	ppb
Zirconium	90-1	11.93	12.26	12.37	12.18	1.88	ppb
Zirconium	91-1	11.94	12.34	12.46	12.25	2.21	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:22:07	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34014.03	33934.97	34041.14	33996.71	0.16	ppb
Antimony	121-1	0.63	0.66	0.67	0.65	3.23	ppb
Arsenic	75-2	71.99	70.69	70.15	70.94	1.33	ppb
Barium	135-1	513.06	529.32	515.25	519.21	1.70	ppb
Barium	137-1	509.82	520.25	523.24	517.77	1.36	ppb
Beryllium	9-1	1.64	1.57	1.62	1.61	2.12	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.19	3.11	3.27	3.19	2.48	ppb
Cadmium	106-1	4.21	4.40	4.42	4.34	2.78	ppb
Cadmium	111-1	2.36	2.43	2.47	2.42	2.29	ppb
Calcium	43-1	23619.37	24107.76	24220.65	23982.59	1.33	ppb
Calcium	44-1	22959.27	23013.31	23509.62	23160.73	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.61	59.56	59.79	59.65	0.21	ppb
Cobalt	59-2	32.86	32.98	33.03	32.96	0.26	ppb
Copper	63-2	205.63	208.93	203.81	206.12	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	73171.12	73406.49	73453.67	73343.76	0.21	ppb
Iron	57-2	71906.05	72835.15	72497.80	72413.00	0.65	ppb
Iron	54-2	73758.44	73268.66	72942.14	73323.08	0.56	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:22:07	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	210.85	212.31	210.43	211.20	0.47	ppb
Lead	207-1	213.58	214.73	210.49	212.93	1.03	ppb
Lead	208-1	210.86	211.88	211.58	211.44	0.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	17138.05	17134.61	17273.23	17181.96	0.46	ppb
Manganese	55-2	1729.41	1707.54	1710.03	1715.66	0.70	ppb
Molybdenum	94-1	23.00	23.11	23.29	23.13	0.62	ppb
Molybdenum	95-1	0.75	0.75	0.75	0.75	0.34	ppb
Molybdenum	96-1	3.45	3.52	3.49	3.49	1.05	ppb
Molybdenum	97-1	0.72	0.76	0.74	0.74	2.87	ppb
Molybdenum	98-1	0.71	0.72	0.74	0.72	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.83	66.87	66.51	66.40	0.79	ppb
Phosphorus	31-2	2908.01	2875.28	2895.41	2892.90	0.57	ppb
Potassium	39-2	11343.81	11227.93	11289.81	11287.18	0.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.84	0.66	0.94	0.81	17.18	ppb
Selenium	77-2	13.18	15.23	16.80	15.07	12.05	ppb
Selenium	78-2	3.61	3.16	2.74	3.17	13.66	ppb
Silicon	28-1	161.13	162.73	166.33	163.40	1.63	ppb
Silver	107-1	0.77	0.79	0.79	0.78	1.19	ppb
Silver	109-1	0.76	0.79	0.78	0.77	2.01	ppb
Sodium	23-2	111.57	112.42	113.37	112.45	0.80	ppb
Strontium	86-1	3007.77	3016.09	3002.91	3008.92	0.22	ppb
Strontium	88-1	2991.65	3056.90	3004.96	3017.84	1.14	ppb
Sulfur	34-1	-6.19	52.21	75.55	40.52	103.92	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.37	0.38	0.37	0.37	2.77	ppb
Thallium	205-1	0.37	0.36	0.36	0.36	2.04	ppb
Tin	118-1	32.36	32.74	33.10	32.73	1.13	ppb
Titanium	47-1	429.64	434.54	437.58	433.92	0.92	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:22:07	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.90	0.89	0.90	0.62	ppb
Vanadium	51-2	112.17	111.50	110.71	111.46	0.65	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	569.83	566.44	570.04	568.77	0.36	ppb
Zirconium	90-1	12.29	12.43	12.45	12.39	0.73	ppb
Zirconium	91-1	12.48	12.45	12.56	12.50	0.45	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 15:25:08	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7213.77	7187.84	7173.02	7191.54	0.29	ppb
Antimony	121-1	0.14	0.15	0.15	0.14	2.02	ppb
Arsenic	75-2	15.63	15.42	15.82	15.62	1.28	ppb
Barium	135-1	104.59	106.05	107.51	106.05	1.38	ppb
Barium	137-1	105.61	107.04	107.81	106.82	1.04	ppb
Beryllium	9-1	0.32	0.36	0.34	0.34	6.74	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.68	0.59	0.51	0.59	14.81	ppb
Cadmium	106-1	0.41	-0.19	-0.15	0.02	1438.53	ppb
Cadmium	111-1	0.48	0.43	0.41	0.44	9.32	ppb
Calcium	43-1	5051.94	5116.74	5108.34	5092.34	0.69	ppb
Calcium	44-1	4806.33	4838.37	4929.35	4858.01	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.79	12.61	12.51	12.64	1.11	ppb
Cobalt	59-2	6.91	6.89	6.75	6.85	1.27	ppb
Copper	63-2	46.52	46.00	45.76	46.09	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	15481.01	15452.93	15275.62	15403.19	0.72	ppb
Iron	57-2	15162.82	15183.44	15058.59	15134.95	0.44	ppb
Iron	54-2	15614.41	15522.67	15256.12	15464.40	1.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 15:25:08	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.51	44.92	44.44	44.63	0.58	ppb
Lead	207-1	44.26	44.45	44.91	44.54	0.75	ppb
Lead	208-1	43.87	44.18	44.35	44.13	0.55	ppb
Lithium	6-1				100		%
Magnesium	24-2	3628.10	3590.58	3575.46	3598.05	0.75	ppb
Manganese	55-2	375.87	368.59	363.80	369.42	1.65	ppb
Molybdenum	94-1	4.84	4.77	4.92	4.85	1.47	ppb
Molybdenum	95-1	0.17	0.15	0.16	0.16	7.64	ppb
Molybdenum	96-1	0.76	0.75	0.75	0.75	1.12	ppb
Molybdenum	97-1	0.16	0.12	0.15	0.15	13.23	ppb
Molybdenum	98-1	0.15	0.14	0.14	0.15	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.44	15.25	15.22	15.30	0.77	ppb
Phosphorus	31-2	583.38	581.63	574.88	579.96	0.77	ppb
Potassium	39-2	2408.10	2421.30	2373.33	2400.91	1.03	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	-0.16	-0.10	-0.23	-0.16		ppb
Selenium	77-2	2.96	3.73	2.80	3.16	15.68	ppb
Selenium	78-2	0.80	0.07	0.39	0.42	87.17	ppb
Silicon	28-1	32.02	32.99	33.52	32.85	2.32	ppb
Silver	107-1	0.17	0.16	0.16	0.16	1.73	ppb
Silver	109-1	0.17	0.16	0.17	0.17	1.79	ppb
Sodium	23-2	21.00	21.52	20.90	21.14	1.57	ppb
Strontium	86-1	670.79	674.80	677.43	674.34	0.50	ppb
Strontium	88-1	671.93	673.66	675.45	673.68	0.26	ppb
Sulfur	34-1	-1099.55	-1035.29	-1003.88	-1046.24		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.12	0.11	0.11	5.88	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	1.73	ppb
Tin	118-1	7.99	8.05	8.13	8.06	0.85	ppb
Titanium	47-1	92.32	93.96	93.48	93.25	0.91	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 15:25:08	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.18	0.18	0.18	0.68	ppb
Vanadium	51-2	23.71	23.50	23.58	23.59	0.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	125.55	125.38	123.56	124.83	0.89	ppb
Zirconium	90-1	2.59	2.59	2.61	2.60	0.50	ppb
Zirconium	91-1	2.56	2.62	2.66	2.61	1.85	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:28:17	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36212.64	36416.10	36165.07	36264.60	0.37	ppb
Antimony	121-1	77.24	84.90	86.60	82.91	6.02	ppb
Arsenic	75-2	101.84	101.42	102.65	101.97	0.61	ppb
Barium	135-1	2065.79	2214.18	2279.79	2186.59	5.01	ppb
Barium	137-1	2041.19	2220.38	2279.40	2180.32	5.69	ppb
Beryllium	9-1	39.33	43.31	44.03	42.23	5.99	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	38.18	41.69	43.62	41.16	6.70	ppb
Cadmium	106-1	37.64	41.20	42.69	40.51	6.40	ppb
Cadmium	111-1	41.66	45.42	46.39	44.49	5.62	ppb
Calcium	43-1	22972.06	24723.19	25117.42	24270.89	4.71	ppb
Calcium	44-1	22199.27	23811.82	24278.49	23429.86	4.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	219.35	223.46	221.45	221.42	0.93	ppb
Cobalt	59-2	430.10	430.32	434.55	431.66	0.58	ppb
Copper	63-2	410.45	406.72	413.65	410.27	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	76273.96	76082.03	75692.73	76016.24	0.39	ppb
Iron	57-2	74582.88	74168.61	74979.22	74576.91	0.54	ppb
Iron	54-2	76149.70	76060.60	76408.74	76206.35	0.24	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:28:17	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	224.14	240.65	250.16	238.32	5.53	ppb
Lead	207-1	226.32	245.44	250.28	240.68	5.26	ppb
Lead	208-1	224.60	239.84	247.36	237.27	4.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	17557.89	17312.57	17521.76	17464.07	0.76	ppb
Manganese	55-2	2176.73	2172.56	2168.34	2172.55	0.19	ppb
Molybdenum	94-1	21.44	23.21	23.68	22.78	5.20	ppb
Molybdenum	95-1	0.74	0.75	0.82	0.77	5.56	ppb
Molybdenum	96-1	3.25	3.62	3.73	3.53	7.03	ppb
Molybdenum	97-1	0.73	0.78	0.77	0.76	3.89	ppb
Molybdenum	98-1	0.71	0.77	0.80	0.76	5.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.64	460.77	463.22	462.21	0.28	ppb
Phosphorus	31-2	2886.13	2938.85	2927.37	2917.45	0.95	ppb
Potassium	39-2	11704.18	11618.56	11604.35	11642.36	0.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	67.94	73.81	76.09	72.61	5.79	ppb
Selenium	77-2	83.37	82.98	86.26	84.20	2.13	ppb
Selenium	78-2	74.82	75.16	75.94	75.31	0.76	ppb
Silicon	28-1	153.89	167.43	170.15	163.82	5.32	ppb
Silver	107-1	37.61	41.96	42.49	40.69	6.58	ppb
Silver	109-1	38.11	41.69	43.24	41.01	6.41	ppb
Sodium	23-2	114.44	113.78	114.37	114.20	0.32	ppb
Strontium	86-1	2889.27	3120.77	3188.07	3066.04	5.11	ppb
Strontium	88-1	2906.12	3095.01	3143.32	3048.15	4.11	ppb
Sulfur	34-1	-292.57	-76.44	-20.55	-129.85		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	37.91	40.50	41.61	40.01	4.74	ppb
Thallium	205-1	37.55	40.13	41.76	39.81	5.33	ppb
Tin	118-1	35.61	38.60	39.60	37.93	5.47	ppb
Titanium	47-1	420.85	455.84	464.54	447.08	5.17	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:28:17	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.92	0.92	0.89	5.57	ppb
Vanadium	51-2	503.87	504.45	501.84	503.39	0.27	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	991.49	989.52	997.57	992.86	0.42	ppb
Zirconium	90-1	11.50	12.50	12.73	12.24	5.34	ppb
Zirconium	91-1	11.70	12.59	12.97	12.42	5.23	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:31:14	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38825.13	38676.55	38378.92	38626.87	0.59	ppb
Antimony	121-1	307.94	311.25	314.13	311.11	0.99	ppb
Arsenic	75-2	182.40	183.00	180.69	182.03	0.66	ppb
Barium	135-1	6672.80	6792.33	6795.09	6753.41	1.03	ppb
Barium	137-1	6700.49	6802.18	6760.39	6754.35	0.76	ppb
Beryllium	9-1	151.94	156.22	153.65	153.94	1.40	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	141.71	141.45	144.76	142.64	1.29	ppb
Cadmium	106-1	137.29	141.15	138.39	138.94	1.43	ppb
Cadmium	111-1	156.58	159.17	158.87	158.21	0.90	ppb
Calcium	43-1	23356.40	23545.47	23619.64	23507.17	0.58	ppb
Calcium	44-1	22634.29	22522.63	22787.46	22648.13	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	651.33	654.24	668.80	658.12	1.42	ppb
Cobalt	59-2	1513.02	1525.73	1510.47	1516.41	0.54	ppb
Copper	63-2	909.17	904.72	916.23	910.04	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	75149.12	75363.98	75867.38	75460.16	0.49	ppb
Iron	57-2	74046.42	73963.45	73792.70	73934.19	0.17	ppb
Iron	54-2	75184.14	75893.48	76533.37	75870.33	0.89	ppb
Krypton	83-1						cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:31:14	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	280.92	280.65	283.07	281.55	0.47	ppb
Lead	207-1	274.84	281.64	282.25	279.58	1.47	ppb
Lead	208-1	273.29	277.42	278.15	276.28	0.95	ppb
Lithium	6-1				99		%
Magnesium	24-2	16790.62	16600.80	16672.13	16687.85	0.57	ppb
Manganese	55-2	3138.16	3171.72	3179.24	3163.04	0.69	ppb
Molybdenum	94-1	21.81	22.21	22.26	22.09	1.12	ppb
Molybdenum	95-1	0.87	0.91	0.89	0.89	2.24	ppb
Molybdenum	96-1	3.57	3.59	3.56	3.57	0.47	ppb
Molybdenum	97-1	0.80	0.89	0.83	0.84	4.96	ppb
Molybdenum	98-1	0.84	0.88	0.87	0.86	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1564.05	1559.06	1556.00	1559.70	0.26	ppb
Phosphorus	31-2	2761.74	2789.34	2762.40	2771.16	0.57	ppb
Potassium	39-2	11187.53	11135.82	11039.01	11120.79	0.68	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	307.77	314.82	311.31	311.30	1.13	ppb
Selenium	77-2	326.15	328.17	330.45	328.26	0.66	ppb
Selenium	78-2	315.29	310.61	316.94	314.28	1.04	ppb
Silicon	28-1	158.74	159.82	158.09	158.88	0.55	ppb
Silver	107-1	141.06	151.33	154.34	148.91	4.68	ppb
Silver	109-1	135.22	137.19	143.89	138.76	3.27	ppb
Sodium	23-2	111.83	110.03	110.67	110.84	0.82	ppb
Strontium	86-1	2930.39	2957.69	2951.00	2946.36	0.48	ppb
Strontium	88-1	2984.06	2965.13	2933.79	2960.99	0.86	ppb
Sulfur	34-1	-129.65	-136.40	-120.39	-128.81		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	153.63	153.00	152.19	152.94	0.47	ppb
Thallium	205-1	152.57	153.99	153.75	153.44	0.50	ppb
Tin	118-1	35.31	36.13	36.42	35.95	1.60	ppb
Titanium	47-1	428.12	430.94	434.96	431.34	0.80	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:31:14	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.86	0.87	0.87	0.85	ppb
Vanadium	51-2	1556.86	1568.41	1567.37	1564.21	0.41	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	2055.09	2047.18	2043.96	2048.74	0.28	ppb
Zirconium	90-1	11.79	12.07	11.93	11.93	1.14	ppb
Zirconium	91-1	11.82	11.99	11.99	11.93	0.82	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:34:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28904.59	29342.79	29128.93	29125.44	0.75	ppb
Antimony	121-1	0.69	0.69	0.67	0.68	2.28	ppb
Arsenic	75-2	95.31	96.39	96.77	96.16	0.79	ppb
Barium	135-1	288.62	290.05	294.91	291.19	1.13	ppb
Barium	137-1	296.47	298.66	294.25	296.46	0.74	ppb
Beryllium	9-1	1.10	1.19	1.17	1.15	3.86	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.19	2.20	2.25	2.21	1.29	ppb
Cadmium	106-1	2.83	2.75	2.55	2.71	5.38	ppb
Cadmium	111-1	1.56	1.57	1.57	1.56	0.50	ppb
Calcium	43-1	11331.14	11514.68	11540.72	11462.18	1.00	ppb
Calcium	44-1	10908.03	11064.93	11103.83	11025.60	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.76	55.60	56.13	55.83	0.49	ppb
Cobalt	59-2	37.56	37.86	38.31	37.91	0.99	ppb
Copper	63-2	109.29	109.16	109.02	109.16	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	83459.07	83816.47	84494.72	83923.42	0.63	ppb
Iron	57-2	81679.57	82527.03	82566.30	82257.63	0.61	ppb
Iron	54-2	84514.48	84040.45	83855.05	84136.66	0.40	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:34:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	148.33	151.32	152.55	150.73	1.44	ppb
Lead	207-1	145.24	145.54	147.47	146.08	0.83	ppb
Lead	208-1	148.28	147.38	149.35	148.34	0.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	14327.54	14205.23	14315.81	14282.86	0.47	ppb
Manganese	55-2	1341.95	1359.04	1340.72	1347.24	0.76	ppb
Molybdenum	94-1	16.41	16.23	16.57	16.41	1.05	ppb
Molybdenum	95-1	1.23	1.20	1.21	1.21	1.39	ppb
Molybdenum	96-1	3.38	3.25	3.31	3.31	1.83	ppb
Molybdenum	97-1	1.21	1.22	1.17	1.20	2.20	ppb
Molybdenum	98-1	1.19	1.18	1.20	1.19	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.05	42.41	42.42	42.29	0.50	ppb
Phosphorus	31-2	2864.85	2922.13	2913.62	2900.20	1.07	ppb
Potassium	39-2	9744.63	9827.61	9830.51	9800.92	0.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.32	0.52	0.45	0.43	23.36	ppb
Selenium	77-2	13.28	13.49	13.38	13.38	0.80	ppb
Selenium	78-2	1.17	2.68	1.56	1.80	43.59	ppb
Silicon	28-1	97.09	99.33	100.44	98.95	1.73	ppb
Silver	107-1	0.65	0.65	0.62	0.64	2.03	ppb
Silver	109-1	0.64	0.63	0.64	0.64	1.18	ppb
Sodium	23-2	191.84	193.06	192.47	192.46	0.32	ppb
Strontium	86-1	1455.83	1456.85	1458.27	1456.98	0.08	ppb
Strontium	88-1	1473.09	1487.14	1466.81	1475.68	0.71	ppb
Sulfur	34-1	-636.78	-587.86	-540.45	-588.37		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.30	0.30	0.31	0.31	2.71	ppb
Thallium	205-1	0.31	0.31	0.32	0.31	1.23	ppb
Tin	118-1	1.60	1.68	1.55	1.61	3.87	ppb
Titanium	47-1	877.78	882.02	890.91	883.57	0.76	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:34:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.02	1.02	1.01	0.40	ppb
Vanadium	51-2	134.73	136.56	136.15	135.81	0.71	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	389.12	394.70	393.22	392.35	0.74	ppb
Zirconium	90-1	8.47	8.44	8.47	8.46	0.26	ppb
Zirconium	91-1	8.57	8.47	8.66	8.57	1.10	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:37:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30230.34	29881.08	29921.17	30010.86	0.64	ppb
Antimony	121-1	0.60	0.61	0.61	0.61	1.22	ppb
Arsenic	75-2	93.15	94.94	94.48	94.19	0.99	ppb
Barium	135-1	290.30	295.37	297.30	294.32	1.23	ppb
Barium	137-1	297.42	297.81	304.55	299.93	1.34	ppb
Beryllium	9-1	1.12	1.21	1.06	1.13	6.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.04	2.05	2.04	2.04	0.39	ppb
Cadmium	106-1	2.81	2.86	2.60	2.76	5.10	ppb
Cadmium	111-1	1.53	1.62	1.68	1.61	4.59	ppb
Calcium	43-1	11588.47	11640.69	11825.01	11684.72	1.06	ppb
Calcium	44-1	11121.52	11177.43	11315.58	11204.84	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.18	58.17	57.35	57.90	0.83	ppb
Cobalt	59-2	37.52	37.37	37.03	37.31	0.67	ppb
Copper	63-2	112.97	112.11	111.79	112.29	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	85825.02	86015.63	85540.33	85793.66	0.28	ppb
Iron	57-2	84946.96	84388.14	83937.61	84424.24	0.60	ppb
Iron	54-2	86932.39	86780.65	85810.81	86507.95	0.70	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:37:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	150.42	150.80	150.50	150.57	0.13	ppb
Lead	207-1	144.14	146.03	144.40	144.86	0.71	ppb
Lead	208-1	145.94	148.53	146.24	146.90	0.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	14838.69	14738.64	14672.06	14749.79	0.57	ppb
Manganese	55-2	1380.28	1373.48	1364.63	1372.80	0.57	ppb
Molybdenum	94-1	16.35	16.73	16.77	16.62	1.37	ppb
Molybdenum	95-1	1.19	1.20	1.22	1.20	1.18	ppb
Molybdenum	96-1	3.41	3.33	3.31	3.35	1.51	ppb
Molybdenum	97-1	1.18	1.22	1.17	1.19	2.29	ppb
Molybdenum	98-1	1.15	1.20	1.20	1.18	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.50	43.09	42.73	43.11	0.90	ppb
Phosphorus	31-2	2956.39	3008.97	2959.08	2974.81	1.00	ppb
Potassium	39-2	10132.38	10013.82	9934.70	10026.97	0.99	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.56	0.51	0.82	0.63	26.26	ppb
Selenium	77-2	12.29	13.59	13.82	13.23	6.26	ppb
Selenium	78-2	1.98	1.95	3.04	2.32	26.84	ppb
Silicon	28-1	98.73	99.44	104.78	100.99	3.27	ppb
Silver	107-1	0.55	0.56	0.56	0.56	1.71	ppb
Silver	109-1	0.54	0.55	0.57	0.55	3.04	ppb
Sodium	23-2	195.58	195.17	196.59	195.78	0.37	ppb
Strontium	86-1	1485.64	1493.37	1500.70	1493.24	0.50	ppb
Strontium	88-1	1504.12	1502.66	1495.78	1500.85	0.30	ppb
Sulfur	34-1	-553.44	-542.78	-512.91	-536.38		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.31	0.31	0.31	0.31	0.25	ppb
Thallium	205-1	0.30	0.31	0.32	0.31	2.93	ppb
Tin	118-1	2.42	2.50	2.48	2.47	1.64	ppb
Titanium	47-1	932.06	944.85	952.29	943.07	1.08	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:37:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.07	1.09	1.07	2.01	ppb
Vanadium	51-2	139.86	138.96	139.55	139.46	0.33	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	397.49	398.23	396.68	397.47	0.20	ppb
Zirconium	90-1	8.65	8.75	8.72	8.70	0.58	ppb
Zirconium	91-1	8.72	8.90	8.75	8.79	1.07	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 15:40:14	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6050.08	6101.70	5944.12	6031.97	1.33	ppb
Antimony	121-1	0.13	0.13	0.12	0.13	3.74	ppb
Arsenic	75-2	21.00	20.68	20.80	20.83	0.78	ppb
Barium	135-1	57.82	58.78	58.26	58.28	0.82	ppb
Barium	137-1	58.76	59.16	58.57	58.83	0.51	ppb
Beryllium	9-1	0.24	0.23	0.27	0.25	8.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.44	0.39	0.38	17.93	ppb
Cadmium	106-1	0.20	-0.18	-0.24	-0.07		ppb
Cadmium	111-1	0.29	0.24	0.25	0.26	9.14	ppb
Calcium	43-1	2340.03	2377.27	2362.56	2359.96	0.79	ppb
Calcium	44-1	2261.36	2317.46	2312.37	2297.06	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.60	11.67	11.44	11.57	1.03	ppb
Cobalt	59-2	7.86	7.99	7.75	7.87	1.52	ppb
Copper	63-2	22.56	22.78	22.74	22.69	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	17309.12	17350.94	17237.38	17299.15	0.33	ppb
Iron	57-2	17136.39	17252.05	16892.25	17093.56	1.07	ppb
Iron	54-2	17386.66	17522.68	17186.01	17365.12	0.98	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 15:40:14	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.51	29.72	30.53	29.92	1.80	ppb
Lead	207-1	28.65	29.60	29.63	29.30	1.89	ppb
Lead	208-1	28.56	29.24	29.42	29.07	1.54	ppb
Lithium	6-1				97		%
Magnesium	24-2	3021.11	3042.63	2995.89	3019.88	0.77	ppb
Manganese	55-2	277.79	278.56	276.45	277.60	0.38	ppb
Molybdenum	94-1	3.31	3.45	3.47	3.41	2.45	ppb
Molybdenum	95-1	0.28	0.25	0.24	0.26	6.69	ppb
Molybdenum	96-1	0.67	0.70	0.71	0.69	2.89	ppb
Molybdenum	97-1	0.22	0.26	0.24	0.24	7.70	ppb
Molybdenum	98-1	0.24	0.25	0.26	0.25	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.75	8.87	8.51	8.71	2.11	ppb
Phosphorus	31-2	580.24	583.35	564.62	576.07	1.74	ppb
Potassium	39-2	2080.71	2040.85	1986.62	2036.06	2.32	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	-0.06	-0.49	-0.64	-0.40		ppb
Selenium	77-2	2.37	3.09	2.51	2.66	14.41	ppb
Selenium	78-2	0.02	0.08	0.59	0.23	133.80	ppb
Silicon	28-1	19.20	19.97	19.39	19.52	2.05	ppb
Silver	107-1	0.12	0.12	0.12	0.12	2.53	ppb
Silver	109-1	0.12	0.13	0.11	0.12	4.66	ppb
Sodium	23-2	38.02	38.04	36.41	37.49	2.50	ppb
Strontium	86-1	312.25	312.61	312.43	312.43	0.06	ppb
Strontium	88-1	310.53	312.94	314.01	312.49	0.57	ppb
Sulfur	34-1	-1020.88	-1022.56	-1052.73	-1032.06		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.09	0.09	0.10	3.92	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	0.43	ppb
Tin	118-1	0.59	0.38	0.32	0.43	33.60	ppb
Titanium	47-1	179.41	182.94	180.23	180.86	1.02	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 15:40:14	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.19	0.20	4.96	ppb
Vanadium	51-2	27.84	28.05	27.66	27.85	0.72	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	81.66	82.58	80.67	81.63	1.17	ppb
Zirconium	90-1	1.77	1.77	1.78	1.77	0.14	ppb
Zirconium	91-1	1.71	1.74	1.81	1.75	3.02	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:43:21	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30408.24	30093.88	29866.60	30122.91	0.90	ppb
Antimony	121-1	86.27	88.34	87.79	87.47	1.23	ppb
Arsenic	75-2	127.92	123.89	124.55	125.46	1.72	ppb
Barium	135-1	2099.23	2130.56	2114.30	2114.69	0.74	ppb
Barium	137-1	2095.06	2149.23	2139.92	2128.07	1.36	ppb
Beryllium	9-1	46.88	47.25	47.84	47.32	1.02	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	40.77	42.65	41.91	41.78	2.26	ppb
Cadmium	106-1	41.33	43.10	41.50	41.98	2.33	ppb
Cadmium	111-1	45.45	47.00	46.05	46.17	1.69	ppb
Calcium	43-1	11034.61	11282.61	11148.27	11155.16	1.11	ppb
Calcium	44-1	10470.30	10737.00	10700.27	10635.85	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	233.60	230.83	228.13	230.85	1.18	ppb
Cobalt	59-2	477.64	474.18	476.35	476.06	0.37	ppb
Copper	63-2	314.96	310.10	314.98	313.35	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	83741.83	82610.79	82612.45	82988.36	0.79	ppb
Iron	57-2	82330.99	81565.20	81576.02	81824.07	0.54	ppb
Iron	54-2	83167.09	82967.84	83600.30	83245.07	0.39	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:43:21	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	165.01	166.35	162.73	164.70	1.11	ppb
Lead	207-1	156.91	158.80	157.31	157.67	0.63	ppb
Lead	208-1	160.41	161.52	161.88	161.27	0.48	ppb
Lithium	6-1				97		%
Magnesium	24-2	14081.12	14038.94	13997.17	14039.07	0.30	ppb
Manganese	55-2	1755.96	1751.55	1747.77	1751.76	0.23	ppb
Molybdenum	94-1	15.59	15.94	15.91	15.81	1.24	ppb
Molybdenum	95-1	1.15	1.20	1.19	1.18	2.40	ppb
Molybdenum	96-1	3.15	3.25	3.28	3.23	2.10	ppb
Molybdenum	97-1	1.15	1.21	1.18	1.18	2.75	ppb
Molybdenum	98-1	1.16	1.17	1.19	1.17	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.01	473.17	471.24	473.81	0.62	ppb
Phosphorus	31-2	2816.95	2816.70	2837.01	2823.55	0.41	ppb
Potassium	39-2	9552.01	9555.32	9575.14	9560.82	0.13	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	80.46	83.67	82.02	82.05	1.95	ppb
Selenium	77-2	92.42	89.29	93.54	91.75	2.40	ppb
Selenium	78-2	84.19	79.11	83.64	82.31	3.38	ppb
Silicon	28-1	95.02	96.94	97.97	96.64	1.55	ppb
Silver	107-1	44.56	45.97	45.33	45.29	1.55	ppb
Silver	109-1	44.70	45.67	45.67	45.34	1.23	ppb
Sodium	23-2	185.92	186.01	184.89	185.61	0.34	ppb
Strontium	86-1	1391.76	1424.20	1430.31	1415.42	1.46	ppb
Strontium	88-1	1432.39	1438.83	1442.12	1437.78	0.34	ppb
Sulfur	34-1	-709.44	-652.36	-664.73	-675.51		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	42.53	42.81	42.30	42.55	0.60	ppb
Thallium	205-1	42.09	42.34	42.34	42.26	0.33	ppb
Tin	118-1	1.52	1.55	1.54	1.54	0.89	ppb
Titanium	47-1	853.12	870.40	863.27	862.26	1.01	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:43:21	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	1.01	1.00	1.00	1.15	ppb
Vanadium	51-2	564.14	567.52	562.01	564.55	0.49	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	821.37	815.71	815.72	817.60	0.40	ppb
Zirconium	90-1	8.11	8.30	8.45	8.28	2.05	ppb
Zirconium	91-1	8.24	8.51	8.39	8.38	1.59	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:46:20	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34006.98	34193.18	33607.13	33935.76	0.88	ppb
Antimony	121-1	338.14	339.01	341.30	339.48	0.48	ppb
Arsenic	75-2	221.83	215.22	215.69	217.58	1.69	ppb
Barium	135-1	7062.60	7138.01	7057.11	7085.91	0.64	ppb
Barium	137-1	7125.60	7097.58	7124.88	7116.02	0.22	ppb
Beryllium	9-1	169.33	171.29	169.22	169.94	0.69	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	154.72	153.34	155.75	154.60	0.78	ppb
Cadmium	106-1	150.11	150.55	152.38	151.01	0.80	ppb
Cadmium	111-1	170.21	172.12	172.72	171.68	0.76	ppb
Calcium	43-1	10746.87	10993.60	11065.97	10935.48	1.53	ppb
Calcium	44-1	10413.02	10607.41	10520.33	10513.59	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	712.79	727.44	709.73	716.65	1.32	ppb
Cobalt	59-2	1672.07	1675.63	1671.07	1672.92	0.14	ppb
Copper	63-2	877.22	881.26	881.14	879.88	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	84738.43	84239.58	83241.82	84073.28	0.91	ppb
Iron	57-2	82820.79	82261.66	82055.84	82379.43	0.48	ppb
Iron	54-2	84824.02	85111.53	84331.02	84755.52	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:46:20	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	215.41	217.74	216.74	216.63	0.54	ppb
Lead	207-1	212.81	211.94	208.81	211.19	1.00	ppb
Lead	208-1	208.89	211.11	207.47	209.15	0.88	ppb
Lithium	6-1				98		%
Magnesium	24-2	13836.51	13735.18	13576.45	13716.05	0.96	ppb
Manganese	55-2	2901.44	2894.65	2889.73	2895.27	0.20	ppb
Molybdenum	94-1	15.61	15.63	15.92	15.72	1.10	ppb
Molybdenum	95-1	1.19	1.19	1.19	1.19	0.16	ppb
Molybdenum	96-1	3.15	3.19	3.29	3.21	2.22	ppb
Molybdenum	97-1	1.19	1.17	1.21	1.19	1.61	ppb
Molybdenum	98-1	1.18	1.20	1.20	1.19	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1690.01	1681.83	1685.89	1685.91	0.24	ppb
Phosphorus	31-2	2766.56	2725.48	2760.08	2750.71	0.80	ppb
Potassium	39-2	9427.63	9306.41	9425.99	9386.68	0.74	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	345.76	349.86	348.00	347.87	0.59	ppb
Selenium	77-2	367.63	347.19	351.30	355.37	3.04	ppb
Selenium	78-2	359.05	346.28	348.12	351.15	1.97	ppb
Silicon	28-1	93.66	93.89	96.60	94.72	1.73	ppb
Silver	107-1	146.81	154.97	153.45	151.74	2.86	ppb
Silver	109-1	152.03	150.59	163.94	155.52	4.71	ppb
Sodium	23-2	183.18	182.32	180.85	182.12	0.65	ppb
Strontium	86-1	1384.61	1403.40	1400.77	1396.26	0.73	ppb
Strontium	88-1	1400.45	1422.78	1415.77	1413.00	0.81	ppb
Sulfur	34-1	-817.30	-747.49	-732.45	-765.75		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	167.57	168.86	166.54	167.66	0.69	ppb
Thallium	205-1	167.67	168.75	167.24	167.89	0.46	ppb
Tin	118-1	1.50	1.49	1.60	1.53	4.03	ppb
Titanium	47-1	845.10	857.77	865.82	856.23	1.22	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:46:20	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	0.99	0.96	0.97	1.45	ppb
Vanadium	51-2	1741.39	1754.78	1743.56	1746.58	0.41	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	1987.81	1998.93	1982.19	1989.64	0.43	ppb
Zirconium	90-1	8.01	8.20	8.22	8.14	1.44	ppb
Zirconium	91-1	8.11	8.26	8.35	8.24	1.44	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:49:09	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33225.24	32995.04	33131.46	33117.25	0.35	ppb
Antimony	121-1	0.39	0.41	0.37	0.39	5.14	ppb
Arsenic	75-2	64.41	63.95	62.79	63.72	1.31	ppb
Barium	135-1	285.67	287.69	286.84	286.73	0.35	ppb
Barium	137-1	289.85	295.94	295.13	293.64	1.13	ppb
Beryllium	9-1	1.39	1.32	1.34	1.35	2.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.31	1.11	1.16	1.20	8.84	ppb
Cadmium	106-1	1.86	1.77	1.10	1.58	26.19	ppb
Cadmium	111-1	0.58	0.59	0.57	0.58	2.34	ppb
Calcium	43-1	27040.51	27392.68	26967.06	27133.42	0.84	ppb
Calcium	44-1	27003.40	27375.74	27006.17	27128.44	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.49	43.69	43.50	43.56	0.25	ppb
Cobalt	59-2	36.41	36.32	36.26	36.33	0.20	ppb
Copper	63-2	86.58	86.45	86.10	86.38	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	85327.67	85204.09	85427.87	85319.88	0.13	ppb
Iron	57-2	84675.86	84493.13	83786.97	84318.65	0.56	ppb
Iron	54-2	86893.37	85682.74	86015.61	86197.24	0.73	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:49:09	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.15	33.40	33.26	33.27	0.38	ppb
Lead	207-1	32.15	31.99	32.05	32.06	0.24	ppb
Lead	208-1	31.70	31.86	31.91	31.82	0.34	ppb
Lithium	6-1				100		%
Magnesium	24-2	16033.62	16071.93	15953.45	16019.67	0.38	ppb
Manganese	55-2	1607.01	1591.83	1597.25	1598.70	0.48	ppb
Molybdenum	94-1	17.41	17.37	17.18	17.32	0.71	ppb
Molybdenum	95-1	1.72	1.74	1.71	1.72	1.05	ppb
Molybdenum	96-1	3.87	3.87	3.88	3.87	0.16	ppb
Molybdenum	97-1	1.70	1.69	1.71	1.70	0.57	ppb
Molybdenum	98-1	1.69	1.69	1.72	1.70	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.57	41.47	41.46	41.50	0.15	ppb
Phosphorus	31-2	2666.80	2593.37	2621.99	2627.38	1.41	ppb
Potassium	39-2	4990.54	4949.62	4949.05	4963.07	0.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.38	0.31	0.03	0.24	76.82	ppb
Selenium	77-2	12.00	13.93	12.55	12.83	7.74	ppb
Selenium	78-2	2.68	2.48	1.97	2.37	15.53	ppb
Silicon	28-1	115.92	119.44	118.71	118.02	1.57	ppb
Silver	107-1	0.19	0.18	0.17	0.18	6.16	ppb
Silver	109-1	0.18	0.23	0.16	0.19	19.51	ppb
Sodium	23-2	126.31	127.23	126.84	126.80	0.36	ppb
Strontium	86-1	1449.98	1447.66	1448.49	1448.71	0.08	ppb
Strontium	88-1	1456.72	1471.03	1454.71	1460.82	0.61	ppb
Sulfur	34-1	-1003.83	-964.42	-955.57	-974.60		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.31	0.31	0.32	0.31	0.98	ppb
Thallium	205-1	0.31	0.31	0.31	0.31	0.12	ppb
Tin	118-1	0.94	0.98	0.94	0.96	2.39	ppb
Titanium	47-1	502.16	507.79	503.05	504.33	0.60	ppb

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:49:09	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.78	0.79	0.77	2.12	ppb
Vanadium	51-2	148.78	148.95	148.68	148.80	0.09	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	188.60	188.36	187.71	188.23	0.24	ppb
Zirconium	90-1	8.83	8.78	8.94	8.85	0.88	ppb
Zirconium	91-1	8.85	8.85	8.91	8.87	0.38	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:52:17	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49680.88	49320.64	49667.56	49556.36	0.41	ppb
Antimony	121-1	507.15	538.53	536.77	527.48	3.34	ppb
Arsenic	75-2	493.70	493.31	491.76	492.92	0.21	ppb
Barium	135-1	2575.98	2709.17	2739.05	2674.73	3.25	ppb
Barium	137-1	2575.65	2715.77	2743.12	2678.18	3.35	ppb
Beryllium	9-1	481.08	518.52	549.65	516.42	6.65	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	516.14	541.84	543.95	533.98	2.90	ppb
Cadmium	106-1	510.39	545.40	542.06	532.62	3.63	ppb
Cadmium	111-1	512.68	539.34	541.35	531.12	3.01	ppb
Calcium	43-1	246011.96	261767.98	265496.01	257758.65	4.01	ppb
Calcium	44-1	245093.91	263825.37	266883.27	258600.85	4.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.16	492.22	494.01	493.80	0.30	ppb
Cobalt	59-2	495.59	495.91	495.30	495.60	0.06	ppb
Copper	63-2	4788.55	4771.56	4835.29	4798.47	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	56-2	124232.74	125164.06	125126.04	124840.95	0.42	ppb
Iron	57-2	124193.96	124512.38	123966.51	124224.28	0.22	ppb
Iron	54-2	125390.68	124565.04	125078.38	125011.37	0.33	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:52:17	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2632.20	2803.43	2770.73	2735.45	3.32	ppb
Lead	207-1	2603.54	2773.19	2747.58	2708.10	3.38	ppb
Lead	208-1	2578.44	2771.31	2745.88	2698.54	3.88	ppb
Lithium	6-1				91		%
Magnesium	24-2	248155.21	246635.35	245004.99	246598.52	0.64	ppb
Manganese	55-2	4865.20	4860.57	4881.01	4868.93	0.22	ppb
Molybdenum	94-1	5032.39	5459.23	5493.21	5328.28	4.82	ppb
Molybdenum	95-1	5031.78	5466.60	5467.91	5322.10	4.72	ppb
Molybdenum	96-1	5023.57	5470.70	5490.11	5328.13	4.95	ppb
Molybdenum	97-1	5069.23	5443.93	5452.82	5321.99	4.11	ppb
Molybdenum	98-1	5056.04	5393.96	5465.66	5305.22	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.72	524.84	528.40	526.65	0.34	ppb
Phosphorus	31-2	9858.52	9792.46	9847.83	9832.94	0.36	ppb
Potassium	39-2	122347.23	123032.15	122427.53	122602.31	0.31	ppb
Rhodium	103-1				84		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	490.90	530.06	529.65	516.87	4.35	ppb
Selenium	77-2	483.48	486.61	469.34	479.81	1.92	ppb
Selenium	78-2	474.00	482.86	481.76	479.54	1.01	ppb
Silicon	28-1	512.13	545.84	551.85	536.61	3.99	ppb
Silver	107-1	512.71	540.15	540.09	530.99	2.98	ppb
Silver	109-1	509.50	539.57	534.69	527.92	3.06	ppb
Sodium	23-2	246130.81	243761.77	243763.79	244552.12	0.56	ppb
Strontium	86-1	12714.95	13948.94	13791.26	13485.05	4.98	ppb
Strontium	88-1	12816.41	13824.19	13788.65	13476.42	4.24	ppb
Sulfur	34-1	9199.49	10136.89	10110.14	9815.51	5.44	ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	528.36	555.86	550.55	544.92	2.68	ppb
Thallium	205-1	525.08	559.70	554.63	546.47	3.42	ppb
Tin	118-1	511.23	540.97	542.90	531.70	3.34	ppb
Titanium	47-1	5030.99	5352.67	5429.18	5270.95	4.01	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:52:17	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	529.17	565.31	563.10	552.53	3.67	ppb
Vanadium	51-2	497.76	504.35	499.17	500.42	0.69	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	4947.75	4990.22	5001.45	4979.80	0.57	ppb
Zirconium	90-1	507.66	550.75	549.22	535.87	4.56	ppb
Zirconium	91-1	510.27	551.24	551.55	537.69	4.42	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:54:58	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.82	2.34	2.19	2.45	13.40	ppb
Antimony	121-1	0.28	0.21	0.19	0.23	19.38	ppb
Arsenic	75-2	0.06	0.02	0.01	0.03	76.44	ppb
Barium	135-1	0.36	0.25	0.21	0.27	29.24	ppb
Barium	137-1	0.37	0.26	0.21	0.28	30.64	ppb
Beryllium	9-1	0.13	0.10	0.10	0.11	14.36	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.04	0.02	0.03	31.20	ppb
Cadmium	106-1	-0.27	-0.71	-1.15	-0.71		ppb
Cadmium	111-1	0.05	0.01	-0.04	0.01	529.75	ppb
Calcium	43-1	28.52	19.36	12.69	20.19	39.36	ppb
Calcium	44-1	28.92	18.76	14.38	20.69	36.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.09	0.10	0.10	13.83	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	14.73	ppb
Copper	63-2	0.28	0.25	0.23	0.25	10.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	7.94	6.95	6.63	7.18	9.53	ppb
Iron	57-2	7.04	6.15	4.42	5.87	22.66	ppb
Iron	54-2	7.54	5.98	7.00	6.84	11.60	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:54:58	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.34	0.24	0.21	0.26	25.05	ppb
Lead	207-1	0.34	0.25	0.20	0.26	26.78	ppb
Lead	208-1	0.34	0.25	0.20	0.26	27.44	ppb
Lithium	6-1				98		%
Magnesium	24-2	11.06	10.33	9.32	10.24	8.55	ppb
Manganese	55-2	0.28	0.23	0.22	0.25	11.77	ppb
Molybdenum	94-1	0.71	0.54	0.45	0.57	23.72	ppb
Molybdenum	95-1	0.70	0.50	0.39	0.53	29.62	ppb
Molybdenum	96-1	0.67	0.50	0.39	0.52	26.63	ppb
Molybdenum	97-1	0.65	0.46	0.38	0.50	28.56	ppb
Molybdenum	98-1	0.69	0.50	0.40	0.53	27.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.07	0.08	0.07	7.78	ppb
Phosphorus	31-2	-19.16	-17.99	-21.08	-19.41		ppb
Potassium	39-2	8.88	7.37	9.07	8.44	11.03	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	-0.43	-0.53	-0.35	-0.43		ppb
Selenium	77-2	0.08	-0.04	0.08	0.04	167.15	ppb
Selenium	78-2	-0.04	-0.95	-0.08	-0.36		ppb
Silicon	28-1	-2.79	-2.88	-2.89	-2.86		ppb
Silver	107-1	0.13	0.11	0.08	0.11	22.00	ppb
Silver	109-1	0.14	0.09	0.08	0.10	30.55	ppb
Sodium	23-2	25.25	24.62	22.70	24.19	5.48	ppb
Strontium	86-1	1.07	0.64	0.84	0.85	25.35	ppb
Strontium	88-1	1.58	1.05	0.84	1.15	32.98	ppb
Sulfur	34-1	-462.69	-461.40	-456.27	-460.12		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.09	0.07	0.09	20.16	ppb
Thallium	205-1	0.11	0.09	0.08	0.09	17.71	ppb
Tin	118-1	0.07	0.05	0.05	0.06	27.50	ppb
Titanium	47-1	0.67	0.45	0.40	0.51	28.65	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:54:58	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.04	0.03	0.04	29.30	ppb
Vanadium	51-2	0.03	0.02	0.02	0.03	16.21	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	0.36	0.32	0.32	0.33	7.88	ppb
Zirconium	90-1	0.08	0.07	0.06	0.07	18.08	ppb
Zirconium	91-1	0.08	0.06	0.05	0.06	20.17	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:58:15	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35358.65	35209.52	34855.67	35141.28	0.74	ppb
Antimony	121-1	0.31	0.29	0.29	0.30	3.22	ppb
Arsenic	75-2	64.52	64.39	65.96	64.96	1.35	ppb
Barium	135-1	297.02	302.94	301.71	300.56	1.04	ppb
Barium	137-1	303.84	309.11	302.96	305.30	1.09	ppb
Beryllium	9-1	1.60	1.44	1.42	1.49	6.55	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.24	1.43	1.13	1.27	11.95	ppb
Cadmium	106-1	2.54	3.30	3.04	2.96	12.93	ppb
Cadmium	111-1	0.67	0.73	0.67	0.69	5.01	ppb
Calcium	43-1	28944.69	28545.69	28730.87	28740.42	0.69	ppb
Calcium	44-1	28478.36	28396.95	28561.49	28478.94	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.75	49.40	49.00	49.05	0.67	ppb
Cobalt	59-2	39.75	40.01	39.81	39.85	0.34	ppb
Copper	63-2	91.19	91.56	90.73	91.16	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	90812.59	91589.01	90370.39	90924.00	0.68	ppb
Iron	57-2	89741.85	89888.55	88888.84	89506.41	0.60	ppb
Iron	54-2	91178.33	91475.78	90031.81	90895.31	0.84	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:58:15	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.77	36.22	36.31	36.10	0.81	ppb
Lead	207-1	34.58	34.50	34.73	34.60	0.34	ppb
Lead	208-1	34.40	34.26	34.38	34.35	0.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	16750.47	17068.52	16773.35	16864.11	1.05	ppb
Manganese	55-2	1672.77	1686.97	1668.74	1676.16	0.57	ppb
Molybdenum	94-1	18.11	18.15	17.89	18.05	0.79	ppb
Molybdenum	95-1	1.43	1.43	1.39	1.42	1.68	ppb
Molybdenum	96-1	3.73	3.76	3.77	3.76	0.54	ppb
Molybdenum	97-1	1.44	1.41	1.36	1.40	2.72	ppb
Molybdenum	98-1	1.48	1.36	1.36	1.40	4.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.22	45.29	44.43	44.98	1.06	ppb
Phosphorus	31-2	2795.59	2825.01	2787.67	2802.75	0.70	ppb
Potassium	39-2	5194.01	5252.41	5214.62	5220.34	0.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.42	0.40	0.21	0.35	33.66	ppb
Selenium	77-2	11.33	12.46	15.15	12.98	15.12	ppb
Selenium	78-2	2.61	2.74	2.45	2.60	5.50	ppb
Silicon	28-1	118.30	118.21	117.73	118.08	0.26	ppb
Silver	107-1	0.15	0.15	0.15	0.15	1.26	ppb
Silver	109-1	0.15	0.14	0.14	0.14	1.60	ppb
Sodium	23-2	135.66	137.28	136.74	136.56	0.60	ppb
Strontium	86-1	1480.47	1496.00	1461.80	1479.42	1.16	ppb
Strontium	88-1	1498.44	1506.43	1479.26	1494.71	0.93	ppb
Sulfur	34-1	-328.59	-362.55	-427.15	-372.76		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.31	0.31	0.31	0.31	0.78	ppb
Thallium	205-1	0.32	0.31	0.32	0.32	0.94	ppb
Tin	118-1	0.90	0.93	0.93	0.92	1.98	ppb
Titanium	47-1	502.00	504.72	501.94	502.89	0.31	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:58:15	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.84	0.84	0.86	4.53	ppb
Vanadium	51-2	159.99	160.22	159.32	159.84	0.29	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	196.74	197.75	195.24	196.58	0.64	ppb
Zirconium	90-1	9.31	9.53	9.41	9.42	1.15	ppb
Zirconium	91-1	9.47	9.61	9.42	9.50	1.01	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:01:19	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6986.98	6876.87	7007.04	6956.96	1.01	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	4.17	ppb
Arsenic	75-2	14.19	13.53	13.48	13.73	2.88	ppb
Barium	135-1	58.29	59.11	58.58	58.66	0.71	ppb
Barium	137-1	58.75	59.56	59.03	59.11	0.70	ppb
Beryllium	9-1	0.25	0.33	0.30	0.29	12.21	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.15	0.26	0.28	0.23	30.91	ppb
Cadmium	106-1	0.29	-0.05	0.33	0.19	111.65	ppb
Cadmium	111-1	0.10	0.08	0.13	0.10	25.99	ppb
Calcium	43-1	5981.01	5886.46	5966.65	5944.71	0.86	ppb
Calcium	44-1	5738.77	5696.29	5819.96	5751.68	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.24	9.39	9.29	9.30	0.82	ppb
Cobalt	59-2	7.65	7.71	7.69	7.69	0.44	ppb
Copper	63-2	18.60	18.37	18.52	18.50	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	18095.21	18240.21	18094.59	18143.33	0.46	ppb
Iron	57-2	17959.22	18053.13	18165.98	18059.44	0.57	ppb
Iron	54-2	18160.38	18164.24	18158.81	18161.14	0.02	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:01:19	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.66	6.77	6.86	6.76	1.44	ppb
Lead	207-1	6.34	6.44	6.57	6.45	1.82	ppb
Lead	208-1	6.36	6.43	6.51	6.43	1.15	ppb
Lithium	6-1				99		%
Magnesium	24-2	3338.92	3324.32	3388.80	3350.68	1.01	ppb
Manganese	55-2	338.40	343.34	337.04	339.59	0.98	ppb
Molybdenum	94-1	3.82	3.68	3.73	3.74	1.90	ppb
Molybdenum	95-1	0.40	0.39	0.37	0.39	3.83	ppb
Molybdenum	96-1	0.90	0.83	0.86	0.86	4.12	ppb
Molybdenum	97-1	0.42	0.38	0.37	0.39	6.95	ppb
Molybdenum	98-1	0.39	0.38	0.37	0.38	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.84	8.95	8.83	8.87	0.79	ppb
Phosphorus	31-2	537.64	551.74	528.66	539.35	2.16	ppb
Potassium	39-2	1092.65	1094.36	1085.44	1090.81	0.43	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	-0.47	-0.53	-0.63	-0.54		ppb
Selenium	77-2	2.91	1.89	3.26	2.69	26.55	ppb
Selenium	78-2	-0.29	0.80	-0.17	0.11	543.53	ppb
Silicon	28-1	24.18	24.01	24.16	24.12	0.39	ppb
Silver	107-1	0.03	0.03	0.04	0.03	6.67	ppb
Silver	109-1	0.03	0.03	0.03	0.03	1.89	ppb
Sodium	23-2	26.68	26.92	26.52	26.71	0.76	ppb
Strontium	86-1	317.90	319.76	315.12	317.60	0.73	ppb
Strontium	88-1	318.50	316.36	319.83	318.23	0.55	ppb
Sulfur	34-1	-850.55	-887.91	-837.02	-858.49		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.10	0.10	0.10	0.91	ppb
Thallium	205-1	0.10	0.09	0.10	0.10	5.11	ppb
Tin	118-1	0.16	0.27	0.18	0.20	29.31	ppb
Titanium	47-1	106.13	104.52	106.59	105.75	1.03	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:01:19	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.16	0.16	0.15	1.63	ppb
Vanadium	51-2	31.31	31.19	31.44	31.31	0.39	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	40.24	40.06	40.74	40.35	0.87	ppb
Zirconium	90-1	1.92	1.90	1.90	1.91	0.59	ppb
Zirconium	91-1	1.93	1.88	1.97	1.93	2.55	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:04:30	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38403.90	38713.97	37668.49	38262.12	1.40	ppb
Antimony	121-1	313.60	310.96	315.14	313.23	0.67	ppb
Arsenic	75-2	178.08	175.75	175.77	176.54	0.76	ppb
Barium	135-1	6698.71	6700.27	6772.09	6723.69	0.62	ppb
Barium	137-1	6715.24	6708.32	6677.23	6700.27	0.30	ppb
Beryllium	9-1	158.67	159.86	159.84	159.46	0.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	143.75	143.01	141.98	142.91	0.62	ppb
Cadmium	106-1	140.22	137.89	140.85	139.65	1.11	ppb
Cadmium	111-1	157.42	158.22	159.15	158.26	0.55	ppb
Calcium	43-1	26546.35	26669.16	26805.03	26673.51	0.49	ppb
Calcium	44-1	26477.68	26552.49	26884.58	26638.25	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	663.68	660.43	662.83	662.31	0.25	ppb
Cobalt	59-2	1559.08	1570.77	1576.77	1568.88	0.57	ppb
Copper	63-2	801.82	813.63	805.66	807.04	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	87537.29	87623.93	87345.62	87502.28	0.16	ppb
Iron	57-2	86318.56	87720.48	86147.66	86728.90	1.00	ppb
Iron	54-2	88537.61	87938.78	87991.57	88155.99	0.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:04:30	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	95.25	95.89	95.31	95.49	0.37	ppb
Lead	207-1	89.73	89.58	89.97	89.76	0.22	ppb
Lead	208-1	92.49	92.55	91.52	92.19	0.63	ppb
Lithium	6-1				100		%
Magnesium	24-2	15635.32	15842.46	15651.46	15709.75	0.73	ppb
Manganese	55-2	3066.37	3068.69	3034.48	3056.51	0.63	ppb
Molybdenum	94-1	16.73	17.16	16.92	16.94	1.29	ppb
Molybdenum	95-1	1.72	1.71	1.70	1.71	0.33	ppb
Molybdenum	96-1	3.78	3.83	3.76	3.79	0.93	ppb
Molybdenum	97-1	1.61	1.67	1.60	1.62	2.24	ppb
Molybdenum	98-1	1.68	1.69	1.69	1.69	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1570.36	1594.59	1587.21	1584.05	0.78	ppb
Phosphorus	31-2	2601.08	2631.14	2618.84	2617.02	0.58	ppb
Potassium	39-2	4888.97	4900.45	4872.79	4887.40	0.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	308.75	315.68	312.90	312.45	1.12	ppb
Selenium	77-2	320.51	311.31	318.05	316.62	1.50	ppb
Selenium	78-2	318.43	307.13	301.92	309.16	2.73	ppb
Silicon	28-1	116.89	115.02	118.29	116.73	1.40	ppb
Silver	107-1	145.85	160.83	157.82	154.83	5.12	ppb
Silver	109-1	153.20	155.85	161.79	156.95	2.80	ppb
Sodium	23-2	128.37	129.70	130.46	129.51	0.81	ppb
Strontium	86-1	1409.60	1423.46	1413.37	1415.48	0.51	ppb
Strontium	88-1	1438.61	1443.42	1447.18	1443.07	0.30	ppb
Sulfur	34-1	-846.54	-889.06	-858.81	-864.81		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	153.64	155.40	156.68	155.24	0.98	ppb
Thallium	205-1	155.24	156.09	153.28	154.87	0.93	ppb
Tin	118-1	0.84	0.87	0.83	0.85	2.55	ppb
Titanium	47-1	483.09	489.24	489.69	487.34	0.76	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:04:30	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.77	0.75	0.75	1.64	ppb
Vanadium	51-2	1663.64	1666.96	1667.11	1665.90	0.12	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	1682.13	1704.84	1664.98	1683.98	1.19	ppb
Zirconium	90-1	8.60	8.61	8.62	8.61	0.15	ppb
Zirconium	91-1	8.63	8.75	8.74	8.71	0.75	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:07:21	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35163.36	35460.67	35252.80	35292.28	0.43	ppb
Antimony	121-1	85.51	85.84	85.98	85.78	0.28	ppb
Arsenic	75-2	95.67	95.64	95.26	95.52	0.23	ppb
Barium	135-1	2238.94	2282.65	2263.11	2261.57	0.97	ppb
Barium	137-1	2250.98	2273.07	2282.59	2268.88	0.71	ppb
Beryllium	9-1	50.02	49.86	51.32	50.40	1.59	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	40.49	40.45	40.42	40.45	0.08	ppb
Cadmium	106-1	40.61	41.23	39.59	40.48	2.05	ppb
Cadmium	111-1	44.27	45.38	44.31	44.65	1.41	ppb
Calcium	43-1	27224.66	28452.51	27690.83	27789.33	2.23	ppb
Calcium	44-1	27147.54	27760.78	27387.84	27432.05	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	232.10	229.44	230.80	230.78	0.58	ppb
Cobalt	59-2	498.71	503.64	497.66	500.00	0.64	ppb
Copper	63-2	304.60	309.29	309.40	307.76	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	88251.22	88123.05	87456.15	87943.47	0.49	ppb
Iron	57-2	86452.35	86663.35	86921.40	86679.03	0.27	ppb
Iron	54-2	87854.86	87829.76	88379.20	88021.27	0.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:07:21	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.52	51.80	51.45	51.59	0.36	ppb
Lead	207-1	49.03	48.48	48.70	48.73	0.57	ppb
Lead	208-1	48.90	48.69	48.95	48.85	0.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	16085.95	16251.24	16150.53	16162.57	0.52	ppb
Manganese	55-2	2073.12	2055.51	2083.32	2070.65	0.68	ppb
Molybdenum	94-1	17.31	17.81	17.85	17.66	1.69	ppb
Molybdenum	95-1	1.67	1.70	1.71	1.69	1.34	ppb
Molybdenum	96-1	3.84	3.85	3.92	3.87	1.19	ppb
Molybdenum	97-1	1.68	1.72	1.75	1.71	2.03	ppb
Molybdenum	98-1	1.68	1.65	1.67	1.67	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.84	499.97	495.20	497.01	0.52	ppb
Phosphorus	31-2	2700.42	2682.52	2701.14	2694.69	0.39	ppb
Potassium	39-2	5034.88	5007.21	5046.60	5029.56	0.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	88.82	90.21	90.13	89.72	0.87	ppb
Selenium	77-2	101.45	105.96	102.59	103.33	2.27	ppb
Selenium	78-2	88.36	89.29	92.72	90.12	2.55	ppb
Silicon	28-1	116.89	117.63	117.32	117.28	0.32	ppb
Silver	107-1	48.30	48.83	48.77	48.63	0.59	ppb
Silver	109-1	48.35	49.02	48.59	48.65	0.70	ppb
Sodium	23-2	129.94	130.21	129.91	130.02	0.13	ppb
Strontium	86-1	1440.95	1462.86	1460.89	1454.90	0.83	ppb
Strontium	88-1	1467.47	1479.69	1474.53	1473.90	0.42	ppb
Sulfur	34-1	-956.73	-893.08	-922.52	-924.11		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	41.49	41.27	41.35	41.37	0.27	ppb
Thallium	205-1	41.70	41.44	41.02	41.39	0.83	ppb
Tin	118-1	0.85	0.79	0.82	0.82	4.14	ppb
Titanium	47-1	501.97	510.82	507.99	506.93	0.89	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:07:21	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.78	0.79	0.79	0.71	ppb
Vanadium	51-2	607.03	605.95	604.15	605.71	0.24	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	648.83	655.27	651.73	651.94	0.49	ppb
Zirconium	90-1	8.86	9.06	9.11	9.01	1.44	ppb
Zirconium	91-1	9.02	9.12	9.11	9.08	0.58	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:10:21	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29069.66	29210.40	28874.25	29051.44	0.58	ppb
Antimony	121-1	0.12	0.10	0.11	0.11	7.69	ppb
Arsenic	75-2	30.41	29.58	29.63	29.87	1.56	ppb
Barium	135-1	371.98	390.56	389.55	384.03	2.72	ppb
Barium	137-1	376.80	383.80	388.47	383.03	1.53	ppb
Beryllium	9-1	1.33	1.43	1.36	1.37	4.02	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.44	1.38	1.34	1.38	3.64	ppb
Cadmium	106-1	2.42	2.97	1.98	2.46	20.18	ppb
Cadmium	111-1	0.49	0.50	0.45	0.48	4.85	ppb
Calcium	43-1	29911.48	30894.57	30428.00	30411.35	1.62	ppb
Calcium	44-1	29759.18	31198.96	30590.78	30516.30	2.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.39	49.75	49.02	49.39	0.74	ppb
Cobalt	59-2	31.16	30.89	30.62	30.89	0.87	ppb
Copper	63-2	58.15	58.02	57.17	57.78	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	55951.80	55940.18	55997.60	55963.19	0.05	ppb
Iron	57-2	55698.47	55477.30	54589.73	55255.17	1.06	ppb
Iron	54-2	56250.26	56189.38	56249.98	56229.87	0.06	ppb
Krypton	83-1						cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:10:21	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.56	22.68	22.55	22.26	2.76	ppb
Lead	207-1	20.03	21.11	21.15	20.76	3.05	ppb
Lead	208-1	20.12	21.24	21.11	20.83	2.93	ppb
Lithium	6-1				102		%
Magnesium	24-2	16629.29	16946.53	16554.45	16710.09	1.25	ppb
Manganese	55-2	1567.64	1555.87	1561.63	1561.71	0.38	ppb
Molybdenum	94-1	21.77	22.53	22.72	22.34	2.25	ppb
Molybdenum	95-1	0.41	0.44	0.54	0.47	14.23	ppb
Molybdenum	96-1	3.04	3.10	3.20	3.11	2.49	ppb
Molybdenum	97-1	0.43	0.40	0.50	0.44	11.51	ppb
Molybdenum	98-1	0.41	0.42	0.51	0.45	12.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.88	45.29	44.60	44.92	0.77	ppb
Phosphorus	31-2	2258.42	2248.62	2207.68	2238.24	1.20	ppb
Potassium	39-2	3770.79	3846.45	3776.67	3797.97	1.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.59	0.28	0.21	0.36	56.10	ppb
Selenium	77-2	13.46	12.66	10.24	12.12	13.85	ppb
Selenium	78-2	2.22	1.48	2.54	2.08	25.97	ppb
Silicon	28-1	52.20	54.00	54.51	53.57	2.26	ppb
Silver	107-1	0.10	0.10	0.09	0.10	6.40	ppb
Silver	109-1	0.10	0.09	0.09	0.09	6.61	ppb
Sodium	23-2	130.22	132.59	129.71	130.84	1.18	ppb
Strontium	86-1	3665.92	3818.25	3855.32	3779.83	2.66	ppb
Strontium	88-1	3707.93	3855.47	3840.59	3801.33	2.14	ppb
Sulfur	34-1	-1215.83	-1088.29	-1078.41	-1127.51		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.25	0.25	0.25	3.54	ppb
Thallium	205-1	0.25	0.26	0.26	0.26	2.05	ppb
Tin	118-1	0.11	0.13	0.19	0.14	30.30	ppb
Titanium	47-1	347.50	363.59	360.18	357.09	2.37	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:10:21	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.71	0.73	0.74	0.72	2.10	ppb
Vanadium	51-2	91.26	91.23	89.66	90.71	1.01	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	151.78	152.23	151.47	151.83	0.25	ppb
Zirconium	90-1	11.88	12.36	12.37	12.20	2.27	ppb
Zirconium	91-1	11.98	12.52	12.50	12.33	2.51	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:13:26	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29602.81	29521.95	29814.49	29646.42	0.51	ppb
Antimony	121-1	0.08	0.08	0.09	0.08	3.42	ppb
Arsenic	75-2	30.08	30.30	29.66	30.01	1.09	ppb
Barium	135-1	395.26	391.54	391.15	392.65	0.58	ppb
Barium	137-1	394.91	399.69	398.23	397.61	0.62	ppb
Beryllium	9-1	1.44	1.41	1.40	1.42	1.59	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.41	1.24	1.78	1.48	18.54	ppb
Cadmium	106-1	2.49	2.61	3.20	2.77	13.75	ppb
Cadmium	111-1	0.45	0.49	0.52	0.49	7.54	ppb
Calcium	43-1	30955.96	31510.63	31952.68	31473.09	1.59	ppb
Calcium	44-1	30798.67	31332.39	31547.17	31226.08	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.10	47.96	47.99	48.02	0.15	ppb
Cobalt	59-2	31.34	30.99	31.42	31.25	0.74	ppb
Copper	63-2	59.86	59.57	59.95	59.79	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	57018.25	57025.19	56733.33	56925.59	0.29	ppb
Iron	57-2	55928.43	55783.12	56450.00	56053.85	0.63	ppb
Iron	54-2	56890.71	57625.60	56726.39	57080.90	0.84	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:13:26	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.15	23.17	23.67	23.33	1.28	ppb
Lead	207-1	21.66	22.04	22.24	21.98	1.34	ppb
Lead	208-1	21.70	22.00	22.35	22.02	1.47	ppb
Lithium	6-1				104		%
Magnesium	24-2	17201.11	17086.69	17197.74	17161.85	0.38	ppb
Manganese	55-2	1550.43	1551.57	1550.56	1550.85	0.04	ppb
Molybdenum	94-1	22.17	22.01	22.26	22.15	0.58	ppb
Molybdenum	95-1	0.40	0.42	0.41	0.41	2.34	ppb
Molybdenum	96-1	3.03	2.97	3.08	3.03	1.83	ppb
Molybdenum	97-1	0.39	0.41	0.41	0.40	2.23	ppb
Molybdenum	98-1	0.40	0.41	0.40	0.40	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.59	45.61	46.34	46.18	1.11	ppb
Phosphorus	31-2	2290.09	2312.72	2321.41	2308.07	0.70	ppb
Potassium	39-2	3817.45	3804.57	3810.09	3810.70	0.17	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.63	0.00	0.42	0.35	91.04	ppb
Selenium	77-2	13.39	12.08	14.07	13.18	7.65	ppb
Selenium	78-2	1.17	1.63	1.22	1.34	18.84	ppb
Silicon	28-1	64.77	65.90	67.31	65.99	1.93	ppb
Silver	107-1	0.09	0.09	0.09	0.09	4.22	ppb
Silver	109-1	0.08	0.08	0.08	0.08	3.31	ppb
Sodium	23-2	131.87	131.83	132.20	131.97	0.15	ppb
Strontium	86-1	3818.07	3845.16	3835.60	3832.94	0.36	ppb
Strontium	88-1	3865.27	3878.95	3857.79	3867.34	0.28	ppb
Sulfur	34-1	-1035.14	-994.93	-924.37	-984.81		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.24	0.25	0.26	0.25	3.46	ppb
Thallium	205-1	0.25	0.24	0.25	0.25	1.36	ppb
Tin	118-1	0.27	0.31	0.29	0.29	6.36	ppb
Titanium	47-1	359.27	366.66	368.54	364.82	1.34	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:13:26	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.70	0.73	0.71	1.70	ppb
Vanadium	51-2	92.11	91.52	92.46	92.03	0.52	ppb
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	153.73	152.88	154.43	153.68	0.50	ppb
Zirconium	90-1	12.08	12.24	12.33	12.21	1.04	ppb
Zirconium	91-1	12.14	12.46	12.28	12.29	1.32	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:16:32	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5989.45	6050.42	5992.91	6010.93	0.57	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	10.15	ppb
Arsenic	75-2	6.36	6.47	6.53	6.46	1.35	ppb
Barium	135-1	75.87	78.68	76.17	76.91	2.01	ppb
Barium	137-1	77.13	77.89	77.54	77.52	0.49	ppb
Beryllium	9-1	0.28	0.29	0.32	0.30	6.76	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.36	0.25	0.21	0.27	28.59	ppb
Cadmium	106-1	0.42	0.31	0.11	0.28	56.89	ppb
Cadmium	111-1	0.08	0.10	0.07	0.08	15.58	ppb
Calcium	43-1	6430.97	6640.64	6591.78	6554.46	1.67	ppb
Calcium	44-1	6239.12	6362.69	6354.92	6318.91	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.19	10.15	10.04	10.13	0.79	ppb
Cobalt	59-2	6.41	6.50	6.34	6.41	1.24	ppb
Copper	63-2	11.90	12.08	11.99	11.99	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	11544.85	11649.83	11475.94	11556.87	0.76	ppb
Iron	57-2	11486.24	11441.92	11199.20	11375.79	1.36	ppb
Iron	54-2	11598.31	11720.95	11538.20	11619.15	0.80	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:16:32	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.55	4.50	4.49	4.52	0.64	ppb
Lead	207-1	4.14	4.18	4.22	4.18	1.01	ppb
Lead	208-1	4.19	4.22	4.18	4.20	0.45	ppb
Lithium	6-1				101		%
Magnesium	24-2	3444.32	3484.37	3454.83	3461.17	0.60	ppb
Manganese	55-2	324.54	324.77	323.46	324.26	0.22	ppb
Molybdenum	94-1	4.50	4.53	4.68	4.57	2.14	ppb
Molybdenum	95-1	0.09	0.08	0.07	0.08	8.47	ppb
Molybdenum	96-1	0.64	0.63	0.64	0.64	1.20	ppb
Molybdenum	97-1	0.08	0.08	0.08	0.08	1.42	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.08	10.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.49	9.54	9.64	9.55	0.81	ppb
Phosphorus	31-2	458.63	440.55	444.03	447.73	2.14	ppb
Potassium	39-2	815.29	809.93	804.45	809.89	0.67	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	-0.52	-0.26	-0.29	-0.36		ppb
Selenium	77-2	2.13	3.14	2.76	2.68	19.09	ppb
Selenium	78-2	0.66	-0.22	1.18	0.54	131.90	ppb
Silicon	28-1	9.80	10.52	10.38	10.23	3.73	ppb
Silver	107-1	0.02	0.02	1.63	0.56	166.91	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.86	ppb
Sodium	23-2	21.88	21.86	20.47	21.41	3.78	ppb
Strontium	86-1	791.60	818.95	827.02	812.52	2.28	ppb
Strontium	88-1	794.07	824.85	828.74	815.88	2.33	ppb
Sulfur	34-1	-1155.87	-983.77	-981.62	-1040.42		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.07	0.06	0.06	4.69	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.14	ppb
Tin	118-1	-0.04	-0.04	-0.04	-0.04		ppb
Titanium	47-1	71.37	74.30	73.56	73.07	2.08	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:16:32	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.14	0.14	1.50	ppb
Vanadium	51-2	18.73	18.84	18.71	18.76	0.37	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	31.59	31.63	31.11	31.45	0.93	ppb
Zirconium	90-1	2.48	2.57	2.65	2.57	3.35	ppb
Zirconium	91-1	2.46	2.56	2.63	2.55	3.34	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:19:40	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30688.79	30269.43	30199.98	30386.07	0.87	ppb
Antimony	121-1	79.65	81.97	82.62	81.41	1.92	ppb
Arsenic	75-2	59.55	60.62	60.99	60.39	1.24	ppb
Barium	135-1	1970.39	2019.38	2037.13	2008.97	1.72	ppb
Barium	137-1	1968.67	2031.52	2021.72	2007.30	1.68	ppb
Beryllium	9-1	41.66	42.02	42.13	41.94	0.59	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	37.86	39.17	39.73	38.92	2.47	ppb
Cadmium	106-1	39.50	40.01	41.47	40.32	2.54	ppb
Cadmium	111-1	41.56	43.20	43.11	42.62	2.16	ppb
Calcium	43-1	30567.06	31205.10	31034.33	30935.50	1.07	ppb
Calcium	44-1	29947.21	30546.52	30834.97	30442.90	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	204.02	206.52	205.88	205.48	0.63	ppb
Cobalt	59-2	415.86	416.36	414.13	415.45	0.28	ppb
Copper	63-2	238.83	242.33	239.64	240.27	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	56807.40	56909.82	56649.83	56789.02	0.23	ppb
Iron	57-2	55469.19	55560.08	55582.41	55537.23	0.11	ppb
Iron	54-2	57179.71	57320.58	57416.42	57305.57	0.21	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:19:40	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.32	39.35	38.77	38.81	1.34	ppb
Lead	207-1	35.67	36.18	36.27	36.04	0.91	ppb
Lead	208-1	35.96	36.83	36.46	36.42	1.20	ppb
Lithium	6-1				104		%
Magnesium	24-2	16475.42	16757.90	16709.70	16647.68	0.91	ppb
Manganese	55-2	1922.19	1936.30	1943.78	1934.09	0.57	ppb
Molybdenum	94-1	21.74	22.64	22.16	22.18	2.04	ppb
Molybdenum	95-1	0.46	0.45	0.42	0.44	4.61	ppb
Molybdenum	96-1	3.07	3.14	3.08	3.10	1.31	ppb
Molybdenum	97-1	0.40	0.43	0.43	0.42	4.49	ppb
Molybdenum	98-1	0.42	0.42	0.43	0.42	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	425.44	427.27	427.05	426.59	0.23	ppb
Phosphorus	31-2	2198.25	2255.50	2221.36	2225.04	1.29	ppb
Potassium	39-2	3714.95	3800.87	3803.58	3773.14	1.34	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	76.49	76.54	76.45	76.49	0.06	ppb
Selenium	77-2	87.98	95.36	90.38	91.24	4.12	ppb
Selenium	78-2	79.92	76.75	84.20	80.29	4.66	ppb
Silicon	28-1	57.63	58.97	58.92	58.51	1.31	ppb
Silver	107-1	38.80	40.01	40.58	39.80	2.27	ppb
Silver	109-1	38.88	40.23	40.93	40.01	2.60	ppb
Sodium	23-2	127.80	128.65	129.97	128.81	0.85	ppb
Strontium	86-1	3739.01	3825.15	3786.25	3783.47	1.14	ppb
Strontium	88-1	3778.09	3833.19	3841.12	3817.47	0.90	ppb
Sulfur	34-1	-964.09	-901.62	-934.63	-933.45		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	39.01	40.28	39.62	39.64	1.59	ppb
Thallium	205-1	38.66	39.73	39.38	39.26	1.38	ppb
Tin	118-1	0.13	0.16	0.16	0.15	9.90	ppb
Titanium	47-1	351.00	357.36	358.91	355.76	1.18	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:19:40	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.73	0.73	0.72	1.87	ppb
Vanadium	51-2	469.18	480.69	477.34	475.74	1.24	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	532.25	538.39	536.34	535.66	0.58	ppb
Zirconium	90-1	11.97	12.24	12.19	12.13	1.18	ppb
Zirconium	91-1	12.12	12.34	12.18	12.21	0.91	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:22:41	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33070.93	33716.15	33916.74	33567.94	1.32	ppb
Antimony	121-1	322.53	317.22	310.98	316.91	1.82	ppb
Arsenic	75-2	147.02	146.29	146.36	146.56	0.28	ppb
Barium	135-1	6617.83	6639.83	6581.15	6612.94	0.45	ppb
Barium	137-1	6605.74	6634.38	6554.11	6598.07	0.62	ppb
Beryllium	9-1	155.85	159.00	160.86	158.57	1.60	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	145.26	146.40	144.76	145.47	0.58	ppb
Cadmium	106-1	145.22	144.31	142.73	144.09	0.87	ppb
Cadmium	111-1	163.13	161.19	158.72	161.01	1.37	ppb
Calcium	43-1	29532.01	29701.11	30477.82	29903.64	1.69	ppb
Calcium	44-1	29718.14	29708.46	30078.14	29834.91	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	640.80	647.12	639.82	642.58	0.62	ppb
Cobalt	59-2	1505.01	1514.94	1522.29	1514.08	0.57	ppb
Copper	63-2	749.73	750.79	766.04	755.52	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	57488.22	57699.46	57832.32	57673.33	0.30	ppb
Iron	57-2	56517.43	56450.63	57274.21	56747.43	0.81	ppb
Iron	54-2	58031.58	57988.68	58325.11	58115.12	0.32	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:22:41	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.18	83.27	85.57	85.01	1.80	ppb
Lead	207-1	79.18	77.26	79.25	78.56	1.44	ppb
Lead	208-1	81.58	79.94	82.37	81.30	1.52	ppb
Lithium	6-1				101		%
Magnesium	24-2	16058.56	16087.09	16191.56	16112.40	0.43	ppb
Manganese	55-2	2933.90	2966.08	2963.76	2954.58	0.61	ppb
Molybdenum	94-1	21.37	21.11	21.52	21.34	0.96	ppb
Molybdenum	95-1	0.46	0.47	0.48	0.47	2.25	ppb
Molybdenum	96-1	3.05	3.06	3.02	3.04	0.72	ppb
Molybdenum	97-1	0.40	0.42	0.40	0.41	3.29	ppb
Molybdenum	98-1	0.46	0.46	0.46	0.46	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1526.33	1538.99	1545.56	1536.96	0.64	ppb
Phosphorus	31-2	2163.40	2158.76	2128.57	2150.24	0.88	ppb
Potassium	39-2	3672.12	3621.39	3677.69	3657.07	0.85	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	322.81	323.93	325.42	324.06	0.40	ppb
Selenium	77-2	318.12	339.29	344.80	334.07	4.22	ppb
Selenium	78-2	324.33	321.25	320.61	322.06	0.62	ppb
Silicon	28-1	64.20	64.49	65.62	64.77	1.16	ppb
Silver	107-1	155.65	157.62	156.36	156.54	0.64	ppb
Silver	109-1	156.21	156.53	153.65	155.46	1.01	ppb
Sodium	23-2	125.44	125.56	126.92	125.97	0.65	ppb
Strontium	86-1	3717.12	3685.19	3680.23	3694.18	0.54	ppb
Strontium	88-1	3764.80	3682.93	3741.50	3729.74	1.13	ppb
Sulfur	34-1	-1123.64	-1146.94	-1175.80	-1148.79		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	159.79	152.07	157.24	156.36	2.52	ppb
Thallium	205-1	157.70	151.18	156.22	155.03	2.21	ppb
Tin	118-1	0.17	0.16	0.17	0.17	3.06	ppb
Titanium	47-1	341.48	345.42	344.53	343.81	0.60	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:22:41	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.70	0.72	0.71	1.46	ppb
Vanadium	51-2	1556.99	1552.32	1559.83	1556.38	0.24	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	1640.10	1664.26	1669.00	1657.79	0.93	ppb
Zirconium	90-1	11.64	11.66	11.74	11.68	0.49	ppb
Zirconium	91-1	11.83	11.86	11.94	11.88	0.50	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:25:32	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59983.92	60435.25	60455.88	60291.68	0.44	ppb
Antimony	121-1	18.44	19.36	19.45	19.08	2.93	ppb
Arsenic	75-2	50.21	49.93	49.40	49.85	0.82	ppb
Barium	135-1	77.62	80.00	81.78	79.80	2.62	ppb
Barium	137-1	78.88	81.96	81.79	80.88	2.14	ppb
Beryllium	9-1	0.59	0.66	0.58	0.61	7.23	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.19	1.22	1.15	1.19	2.56	ppb
Cadmium	106-1	0.84	1.06	1.62	1.17	34.25	ppb
Cadmium	111-1	0.87	0.94	1.01	0.94	7.28	ppb
Calcium	43-1	28537.31	29694.05	29941.47	29390.94	2.55	ppb
Calcium	44-1	28105.09	29224.38	29408.68	28912.72	2.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	225.98	228.17	225.11	226.42	0.69	ppb
Cobalt	59-2	88.32	88.78	88.21	88.44	0.34	ppb
Copper	63-2	271.54	271.53	269.18	270.75	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	138476.93	139438.81	137150.65	138355.46	0.83	ppb
Iron	57-2	134288.83	136027.61	134815.65	135044.03	0.66	ppb
Iron	54-2	138463.16	138879.20	138445.58	138595.98	0.18	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:25:32	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.08	14.90	14.75	14.57	2.99	ppb
Lead	207-1	13.98	14.56	14.56	14.37	2.35	ppb
Lead	208-1	13.80	14.50	14.41	14.24	2.68	ppb
Lithium	6-1				102		%
Magnesium	24-2	50511.82	50524.69	50255.50	50430.67	0.30	ppb
Manganese	55-2	2873.37	2889.03	2866.61	2876.34	0.40	ppb
Molybdenum	94-1	4.55	4.79	4.72	4.69	2.56	ppb
Molybdenum	95-1	1.14	1.17	1.16	1.16	1.29	ppb
Molybdenum	96-1	2.39	2.44	2.52	2.45	2.58	ppb
Molybdenum	97-1	1.10	1.16	1.17	1.14	3.15	ppb
Molybdenum	98-1	1.10	1.12	1.12	1.11	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	146.08	145.51	144.73	145.44	0.47	ppb
Phosphorus	31-2	1218.28	1219.33	1216.40	1218.00	0.12	ppb
Potassium	39-2	2320.60	2344.24	2307.43	2324.09	0.80	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				117		%
Scandium	45-2				116		%
Selenium	82-1	0.50	0.64	0.57	0.57	12.21	ppb
Selenium	77-2	7.08	5.10	7.88	6.69	21.38	ppb
Selenium	78-2	2.39	1.42	1.66	1.82	27.60	ppb
Silicon	28-1	19.02	20.70	21.47	20.39	6.15	ppb
Silver	107-1	0.34	0.34	0.34	0.34	1.34	ppb
Silver	109-1	0.34	0.35	0.34	0.34	2.55	ppb
Sodium	23-2	99.04	101.56	98.99	99.86	1.47	ppb
Strontium	86-1	1415.90	1453.25	1451.02	1440.06	1.45	ppb
Strontium	88-1	1410.47	1490.63	1477.76	1459.62	2.95	ppb
Sulfur	34-1	-1646.02	-1516.98	-1478.33	-1547.11		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.73	0.75	0.77	0.75	2.82	ppb
Thallium	205-1	0.71	0.76	0.75	0.74	3.51	ppb
Tin	118-1	0.93	0.96	0.98	0.96	2.61	ppb
Titanium	47-1	1090.83	1155.57	1162.01	1136.13	3.46	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:25:32	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.22	0.22	0.21	2.89	ppb
Vanadium	51-2	405.77	403.11	401.37	403.42	0.55	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	196.25	197.55	194.84	196.21	0.69	ppb
Zirconium	90-1	1.93	2.04	2.02	2.00	2.93	ppb
Zirconium	91-1	1.95	2.07	2.04	2.02	3.23	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-21	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:28:36	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58510.08	58448.56	58087.63	58348.76	0.39	ppb
Antimony	121-1	0.22	0.23	0.24	0.23	3.11	ppb
Arsenic	75-2	47.71	47.79	48.91	48.14	1.40	ppb
Barium	135-1	75.78	78.01	76.73	76.84	1.46	ppb
Barium	137-1	77.18	78.26	78.37	77.94	0.84	ppb
Beryllium	9-1	0.43	0.52	0.55	0.50	12.64	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.81	1.02	0.88	0.90	11.67	ppb
Cadmium	106-1	0.22	1.42	0.80	0.81	73.38	ppb
Cadmium	111-1	0.55	0.66	0.63	0.61	9.30	ppb
Calcium	43-1	32350.68	32668.07	32657.65	32558.80	0.55	ppb
Calcium	44-1	32138.27	32955.19	32812.27	32635.24	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	214.31	215.82	211.81	213.98	0.95	ppb
Cobalt	59-2	86.00	85.82	84.26	85.36	1.12	ppb
Copper	63-2	254.78	260.15	256.25	257.06	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	134560.88	135014.18	134179.21	134584.76	0.31	ppb
Iron	57-2	133463.41	133869.12	130519.11	132617.21	1.38	ppb
Iron	54-2	133854.85	134448.91	134317.35	134207.04	0.23	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-21	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:28:36	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	96.54	98.38	98.78	97.90	1.22	ppb
Lead	207-1	91.04	90.70	92.44	91.39	1.00	ppb
Lead	208-1	93.84	93.31	95.21	94.12	1.04	ppb
Lithium	6-1				100		%
Magnesium	24-2	48575.46	48715.15	48304.25	48531.62	0.43	ppb
Manganese	55-2	2699.52	2722.26	2697.59	2706.46	0.51	ppb
Molybdenum	94-1	4.14	7.28	4.17	5.20	34.69	ppb
Molybdenum	95-1	0.49	0.51	0.49	0.50	2.24	ppb
Molybdenum	96-1	1.80	1.81	1.83	1.81	0.63	ppb
Molybdenum	97-1	0.49	0.50	0.50	0.50	1.89	ppb
Molybdenum	98-1	0.45	0.46	0.46	0.46	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.02	134.99	134.10	134.70	0.39	ppb
Phosphorus	31-2	945.04	960.87	901.62	935.84	3.28	ppb
Potassium	39-2	1887.91	1894.77	1895.80	1892.83	0.23	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				118		%
Scandium	45-2				117		%
Selenium	82-1	-0.31	0.13	-0.04	-0.07		ppb
Selenium	77-2	5.87	4.71	7.23	5.94	21.19	ppb
Selenium	78-2	1.05	0.96	1.54	1.18	26.55	ppb
Silicon	28-1	26.06	26.23	26.27	26.18	0.43	ppb
Silver	107-1	0.14	0.16	0.15	0.15	6.15	ppb
Silver	109-1	0.16	0.17	0.17	0.17	4.77	ppb
Sodium	23-2	72.28	72.26	70.52	71.68	1.40	ppb
Strontium	86-1	1325.64	1360.14	1332.00	1339.26	1.37	ppb
Strontium	88-1	1344.56	1357.94	1368.34	1356.95	0.88	ppb
Sulfur	34-1	-1555.91	-1479.33	-1448.84	-1494.69		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.10	0.10	0.11	0.11	5.12	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	1.57	ppb
Tin	118-1	0.32	0.34	0.33	0.33	4.02	ppb
Titanium	47-1	1099.35	1126.41	1143.27	1123.01	1.97	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-21	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:28:36	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.20	0.20	2.13	ppb
Vanadium	51-2	395.43	393.04	391.74	393.40	0.48	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	176.56	176.17	175.96	176.23	0.17	ppb
Zirconium	90-1	2.09	2.11	2.60	2.27	12.83	ppb
Zirconium	91-1	2.11	2.06	2.13	2.10	1.77	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:31:37	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13633.50	13487.23	13496.07	13538.93	0.61	ppb
Antimony	121-1	4.53	4.68	4.64	4.62	1.67	ppb
Arsenic	75-2	10.75	10.37	10.87	10.66	2.41	ppb
Barium	135-1	16.39	16.57	16.91	16.62	1.58	ppb
Barium	137-1	16.54	16.89	16.87	16.77	1.16	ppb
Beryllium	9-1	0.13	0.14	0.14	0.13	4.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.24	0.25	0.21	0.23	8.95	ppb
Cadmium	106-1	-0.12	-0.10	-0.34	-0.19		ppb
Cadmium	111-1	0.17	0.20	0.16	0.17	12.12	ppb
Calcium	43-1	6929.86	6807.14	6878.02	6871.67	0.90	ppb
Calcium	44-1	6604.29	6646.31	6613.65	6621.42	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.99	50.50	50.57	50.69	0.52	ppb
Cobalt	59-2	20.30	20.50	20.12	20.31	0.94	ppb
Copper	63-2	62.05	62.22	61.69	61.99	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	31228.17	31282.50	31214.91	31241.86	0.11	ppb
Iron	57-2	30820.43	30921.48	30522.05	30754.65	0.68	ppb
Iron	54-2	31277.74	31424.90	31132.18	31278.27	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:31:37	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.02	3.01	3.06	3.03	1.00	ppb
Lead	207-1	3.01	2.90	2.94	2.95	1.88	ppb
Lead	208-1	2.95	2.93	2.94	2.94	0.39	ppb
Lithium	6-1				101		%
Magnesium	24-2	11302.36	11243.81	11271.53	11272.57	0.26	ppb
Manganese	55-2	648.82	637.61	644.19	643.54	0.88	ppb
Molybdenum	94-1	0.97	1.02	1.00	1.00	2.61	ppb
Molybdenum	95-1	0.26	0.27	0.26	0.26	1.17	ppb
Molybdenum	96-1	0.55	0.54	0.54	0.54	1.01	ppb
Molybdenum	97-1	0.28	0.28	0.23	0.26	10.46	ppb
Molybdenum	98-1	0.26	0.24	0.25	0.25	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.27	34.11	33.67	34.02	0.91	ppb
Phosphorus	31-2	278.07	276.89	261.94	272.30	3.30	ppb
Potassium	39-2	557.47	555.84	555.87	556.39	0.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	-0.07	-0.06	-0.36	-0.16		ppb
Selenium	77-2	0.50	1.79	1.50	1.26	53.49	ppb
Selenium	78-2	0.41	-0.36	-0.16	-0.03		ppb
Silicon	28-1	3.79	3.98	3.92	3.90	2.54	ppb
Silver	107-1	0.08	0.07	0.08	0.08	4.26	ppb
Silver	109-1	0.08	0.07	0.08	0.08	2.91	ppb
Sodium	23-2	17.83	18.36	16.69	17.63	4.84	ppb
Strontium	86-1	312.16	310.43	316.48	313.02	1.00	ppb
Strontium	88-1	310.65	312.92	314.65	312.74	0.64	ppb
Sulfur	34-1	-1248.09	-1225.03	-1211.50	-1228.21		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.20	0.19	0.20	0.20	3.15	ppb
Thallium	205-1	0.19	0.18	0.19	0.19	3.17	ppb
Tin	118-1	0.13	0.15	0.15	0.14	8.54	ppb
Titanium	47-1	257.37	256.17	258.12	257.22	0.38	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:31:37	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	1.18	ppb
Vanadium	51-2	89.93	89.88	89.35	89.72	0.36	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	45.67	46.13	45.78	45.86	0.51	ppb
Zirconium	90-1	0.42	0.41	0.43	0.42	2.17	ppb
Zirconium	91-1	0.43	0.43	0.43	0.43	0.35	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-22	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:34:48	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59531.11	59832.34	59571.32	59644.92	0.27	ppb
Antimony	121-1	83.05	84.28	83.81	83.71	0.74	ppb
Arsenic	75-2	77.90	78.98	79.44	78.77	1.00	ppb
Barium	135-1	1667.73	1690.27	1686.27	1681.42	0.72	ppb
Barium	137-1	1682.03	1682.32	1689.70	1684.68	0.26	ppb
Beryllium	9-1	39.02	40.69	39.62	39.78	2.13	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	38.65	38.82	38.96	38.81	0.39	ppb
Cadmium	106-1	38.69	38.25	38.96	38.63	0.92	ppb
Cadmium	111-1	43.32	43.56	43.69	43.52	0.43	ppb
Calcium	43-1	29385.64	29438.96	29360.19	29394.93	0.14	ppb
Calcium	44-1	29138.66	29284.00	29300.09	29240.92	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	356.53	357.89	358.52	357.65	0.28	ppb
Cobalt	59-2	418.64	415.37	421.87	418.63	0.78	ppb
Copper	63-2	419.84	422.66	419.37	420.63	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	135717.14	136347.82	136434.57	136166.51	0.29	ppb
Iron	57-2	134033.46	134498.02	134161.11	134230.86	0.18	ppb
Iron	54-2	136880.30	136978.16	137404.97	137087.81	0.20	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-22	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:34:48	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.16	37.94	38.54	37.88	1.84	ppb
Lead	207-1	34.96	35.83	36.45	35.74	2.10	ppb
Lead	208-1	35.29	36.07	36.63	36.00	1.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	48878.72	48901.79	49269.25	49016.59	0.45	ppb
Manganese	55-2	3102.77	3098.03	3112.99	3104.60	0.25	ppb
Molybdenum	94-1	4.08	4.12	4.21	4.14	1.64	ppb
Molybdenum	95-1	0.56	0.57	0.57	0.57	1.04	ppb
Molybdenum	96-1	1.91	1.87	1.89	1.89	1.22	ppb
Molybdenum	97-1	0.52	0.50	0.55	0.53	5.03	ppb
Molybdenum	98-1	0.52	0.50	0.51	0.51	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.53	468.66	471.82	471.00	0.44	ppb
Phosphorus	31-2	940.00	959.78	950.45	950.08	1.04	ppb
Potassium	39-2	1867.70	1876.41	1943.69	1895.93	2.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				119		%
Scandium	45-2				117		%
Selenium	82-1	76.52	77.24	77.63	77.13	0.73	ppb
Selenium	77-2	79.51	86.92	78.58	81.67	5.59	ppb
Selenium	78-2	76.37	77.65	82.26	78.76	3.94	ppb
Silicon	28-1	40.01	39.96	40.76	40.24	1.11	ppb
Silver	107-1	38.99	39.56	39.49	39.35	0.80	ppb
Silver	109-1	38.95	39.67	39.77	39.46	1.13	ppb
Sodium	23-2	74.01	74.62	76.35	74.99	1.62	ppb
Strontium	86-1	1397.21	1397.12	1412.71	1402.35	0.64	ppb
Strontium	88-1	1410.35	1406.39	1418.06	1411.60	0.42	ppb
Sulfur	34-1	-1495.65	-1473.24	-1421.99	-1463.63		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	39.67	40.30	41.05	40.34	1.72	ppb
Thallium	205-1	39.50	40.05	40.87	40.14	1.72	ppb
Tin	118-1	0.35	0.34	0.37	0.35	4.96	ppb
Titanium	47-1	1129.49	1138.38	1150.60	1139.49	0.93	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-22	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:34:48	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.22	0.21	2.15	ppb
Vanadium	51-2	724.71	726.35	720.63	723.90	0.41	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	509.59	505.72	509.91	508.41	0.46	ppb
Zirconium	90-1	1.99	1.98	2.03	2.00	1.16	ppb
Zirconium	91-1	1.97	2.05	2.03	2.02	2.00	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:37:44	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62203.95	62017.71	62341.39	62187.69	0.26	ppb
Antimony	121-1	311.68	312.38	310.32	311.46	0.34	ppb
Arsenic	75-2	161.18	162.63	160.46	161.42	0.68	ppb
Barium	135-1	6388.19	6421.13	6453.19	6420.84	0.51	ppb
Barium	137-1	6410.64	6382.42	6512.91	6435.32	1.07	ppb
Beryllium	9-1	155.88	161.38	156.48	157.91	1.91	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	138.90	141.94	142.69	141.18	1.42	ppb
Cadmium	106-1	138.30	139.35	140.82	139.49	0.91	ppb
Cadmium	111-1	155.79	158.32	158.73	157.61	1.01	ppb
Calcium	43-1	28888.82	28934.65	28247.84	28690.44	1.34	ppb
Calcium	44-1	28409.26	28701.86	28445.16	28518.76	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	753.28	751.97	755.26	753.50	0.22	ppb
Cobalt	59-2	1416.01	1408.80	1428.25	1417.69	0.69	ppb
Copper	63-2	887.49	888.44	885.64	887.19	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	134082.49	134682.37	135978.82	134914.56	0.72	ppb
Iron	57-2	132747.72	132339.68	133810.12	132965.84	0.57	ppb
Iron	54-2	134814.11	136263.01	136384.08	135820.40	0.64	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:37:44	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.17	87.36	86.98	86.83	0.70	ppb
Lead	207-1	79.96	81.42	81.53	80.97	1.09	ppb
Lead	208-1	83.21	83.99	84.39	83.86	0.72	ppb
Lithium	6-1				102		%
Magnesium	24-2	48056.55	47854.23	47946.19	47952.32	0.21	ppb
Manganese	55-2	3974.17	4029.38	4060.10	4021.21	1.08	ppb
Molybdenum	94-1	4.09	4.08	4.13	4.10	0.68	ppb
Molybdenum	95-1	0.57	0.56	0.55	0.56	1.86	ppb
Molybdenum	96-1	1.84	1.93	1.90	1.89	2.33	ppb
Molybdenum	97-1	0.49	0.52	0.55	0.52	5.57	ppb
Molybdenum	98-1	0.54	0.54	0.56	0.55	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1484.12	1464.25	1474.80	1474.39	0.67	ppb
Phosphorus	31-2	933.48	898.79	914.19	915.49	1.90	ppb
Potassium	39-2	1881.03	1841.73	1847.39	1856.72	1.14	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				117		%
Scandium	45-2				114		%
Selenium	82-1	321.86	325.24	323.95	323.68	0.53	ppb
Selenium	77-2	323.61	322.90	330.74	325.75	1.33	ppb
Selenium	78-2	325.31	328.37	323.94	325.88	0.70	ppb
Silicon	28-1	35.82	34.36	100.11	56.77	66.14	ppb
Silver	107-1	141.38	144.53	150.43	145.45	3.16	ppb
Silver	109-1	128.48	139.63	137.44	135.18	4.37	ppb
Sodium	23-2	71.49	72.22	72.57	72.09	0.76	ppb
Strontium	86-1	1348.85	1364.36	1363.42	1358.88	0.64	ppb
Strontium	88-1	1352.76	1369.14	1371.89	1364.60	0.76	ppb
Sulfur	34-1	-1482.00	-1423.53	-1490.59	-1465.37		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	152.40	157.89	155.41	155.23	1.77	ppb
Thallium	205-1	154.24	155.63	152.78	154.21	0.93	ppb
Tin	118-1	0.33	0.35	0.32	0.33	4.46	ppb
Titanium	47-1	1109.72	1101.53	1125.52	1112.26	1.10	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:37:44	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.21	0.21	0.83	ppb
Vanadium	51-2	1715.51	1717.51	1689.93	1707.65	0.90	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	1508.39	1488.63	1498.86	1498.63	0.66	ppb
Zirconium	90-1	1.91	1.96	1.97	1.95	1.38	ppb
Zirconium	91-1	1.97	2.03	2.13	2.04	3.75	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ19	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:40:37	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33783.40	33007.81	33725.80	33505.67	1.29	ppb
Antimony	121-1	0.45	0.45	0.46	0.46	1.38	ppb
Arsenic	75-2	73.51	71.92	70.67	72.03	1.97	ppb
Barium	135-1	320.97	323.37	327.73	324.02	1.06	ppb
Barium	137-1	330.81	330.68	333.74	331.75	0.52	ppb
Beryllium	9-1	1.44	1.46	1.46	1.45	0.82	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.69	1.86	1.58	1.71	8.39	ppb
Cadmium	106-1	3.28	2.83	3.09	3.07	7.42	ppb
Cadmium	111-1	0.85	0.82	0.84	0.84	1.46	ppb
Calcium	43-1	12613.00	13191.62	13082.61	12962.41	2.37	ppb
Calcium	44-1	12176.79	12649.50	12407.66	12411.32	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.69	41.33	41.33	41.45	0.50	ppb
Cobalt	59-2	35.75	35.47	35.80	35.67	0.49	ppb
Copper	63-2	78.22	77.79	78.14	78.05	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	83470.94	82868.90	83397.96	83245.93	0.39	ppb
Iron	57-2	82376.80	81509.03	82298.50	82061.44	0.58	ppb
Iron	54-2	83987.34	82701.68	83295.52	83328.18	0.77	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ19	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:40:37	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.88	39.74	40.56	39.73	2.12	ppb
Lead	207-1	37.83	39.47	39.70	39.00	2.62	ppb
Lead	208-1	37.50	38.61	39.08	38.40	2.11	ppb
Lithium	6-1				102		%
Magnesium	24-2	14580.72	14238.76	14467.71	14429.06	1.21	ppb
Manganese	55-2	1720.27	1696.76	1713.47	1710.17	0.71	ppb
Molybdenum	94-1	20.04	20.17	20.43	20.21	0.99	ppb
Molybdenum	95-1	0.77	0.82	0.80	0.80	3.61	ppb
Molybdenum	96-1	3.34	3.41	3.42	3.39	1.30	ppb
Molybdenum	97-1	0.77	0.78	0.77	0.77	1.11	ppb
Molybdenum	98-1	0.74	0.77	0.77	0.76	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.46	39.05	39.10	39.20	0.57	ppb
Phosphorus	31-2	2578.73	2566.30	2579.51	2574.84	0.29	ppb
Potassium	39-2	7880.60	7664.36	7755.28	7766.75	1.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.53	0.54	0.03	0.36	80.64	ppb
Selenium	77-2	16.01	13.07	12.45	13.84	13.76	ppb
Selenium	78-2	2.52	2.36	1.86	2.25	15.42	ppb
Silicon	28-1	176.76	183.17	180.93	180.29	1.80	ppb
Silver	107-1	0.21	0.22	0.21	0.21	3.98	ppb
Silver	109-1	0.21	0.21	0.19	0.20	4.16	ppb
Sodium	23-2	117.63	116.38	117.14	117.05	0.54	ppb
Strontium	86-1	1348.00	1365.17	1377.33	1363.50	1.08	ppb
Strontium	88-1	1338.44	1372.71	1375.19	1362.11	1.51	ppb
Sulfur	34-1	-988.24	-935.53	-999.60	-974.46		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.32	0.33	0.34	0.33	3.66	ppb
Thallium	205-1	0.32	0.32	0.33	0.32	1.12	ppb
Tin	118-1	0.95	0.88	0.94	0.92	4.09	ppb
Titanium	47-1	607.02	625.22	612.11	614.78	1.53	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ19	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:40:37	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.99	1.01	0.98	2.24	ppb
Vanadium	51-2	132.65	130.26	131.44	131.45	0.91	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	240.42	236.94	239.51	238.96	0.76	ppb
Zirconium	90-1	10.84	11.01	11.11	10.99	1.24	ppb
Zirconium	91-1	10.94	11.07	11.15	11.05	0.94	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ20	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:43:42	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32582.80	33246.35	33009.22	32946.12	1.02	ppb
Antimony	121-1	0.35	0.35	0.36	0.35	0.52	ppb
Arsenic	75-2	77.81	78.09	78.31	78.07	0.32	ppb
Barium	135-1	334.76	338.60	340.85	338.07	0.91	ppb
Barium	137-1	341.73	345.30	340.26	342.43	0.76	ppb
Beryllium	9-1	1.45	1.45	1.42	1.44	1.26	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.64	1.76	1.82	1.74	5.23	ppb
Cadmium	106-1	3.02	2.13	2.63	2.59	17.33	ppb
Cadmium	111-1	0.85	0.87	0.81	0.84	3.96	ppb
Calcium	43-1	12050.37	12384.18	12557.96	12330.84	2.09	ppb
Calcium	44-1	11625.08	11940.34	12063.39	11876.27	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.28	43.57	44.37	43.74	1.30	ppb
Cobalt	59-2	35.71	36.16	36.35	36.07	0.91	ppb
Copper	63-2	74.53	75.01	75.39	74.98	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	82451.74	83541.37	82617.63	82870.25	0.71	ppb
Iron	57-2	81844.10	82616.29	82188.34	82216.24	0.47	ppb
Iron	54-2	82769.91	83343.57	83632.93	83248.80	0.53	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ20	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:43:42	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.43	42.55	42.10	42.02	1.34	ppb
Lead	207-1	41.11	42.31	42.07	41.83	1.52	ppb
Lead	208-1	40.67	41.66	41.31	41.21	1.22	ppb
Lithium	6-1				101		%
Magnesium	24-2	14196.26	14341.27	14429.35	14322.29	0.82	ppb
Manganese	55-2	1711.96	1706.95	1724.64	1714.52	0.53	ppb
Molybdenum	94-1	19.93	19.81	20.00	19.91	0.47	ppb
Molybdenum	95-1	0.80	0.76	0.80	0.79	3.01	ppb
Molybdenum	96-1	3.29	3.32	3.31	3.31	0.48	ppb
Molybdenum	97-1	0.78	0.77	0.77	0.77	0.93	ppb
Molybdenum	98-1	0.76	0.76	0.77	0.76	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.83	40.37	40.30	40.17	0.73	ppb
Phosphorus	31-2	2444.59	2469.60	2483.23	2465.81	0.79	ppb
Potassium	39-2	7722.83	7798.15	7776.20	7765.73	0.50	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.42	0.11	0.27	0.26	59.73	ppb
Selenium	77-2	15.48	13.55	14.46	14.50	6.65	ppb
Selenium	78-2	2.90	2.54	2.61	2.68	7.19	ppb
Silicon	28-1	164.73	164.11	167.64	165.49	1.14	ppb
Silver	107-1	0.19	0.19	0.19	0.19	0.73	ppb
Silver	109-1	0.18	0.19	0.18	0.18	2.27	ppb
Sodium	23-2	121.67	124.15	125.99	123.93	1.75	ppb
Strontium	86-1	1324.12	1315.94	1336.11	1325.39	0.77	ppb
Strontium	88-1	1331.52	1334.13	1347.03	1337.56	0.62	ppb
Sulfur	34-1	-1117.40	-1038.67	-993.00	-1049.69		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.31	0.32	0.33	0.32	4.01	ppb
Thallium	205-1	0.31	0.32	0.32	0.32	2.49	ppb
Tin	118-1	0.82	0.89	0.98	0.90	8.68	ppb
Titanium	47-1	584.31	614.24	624.46	607.67	3.43	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ20	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:43:42	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.97	0.97	0.97	0.36	ppb
Vanadium	51-2	132.14	133.65	132.95	132.91	0.57	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	256.61	260.56	259.25	258.81	0.78	ppb
Zirconium	90-1	10.65	10.68	10.75	10.69	0.47	ppb
Zirconium	91-1	10.66	10.67	10.79	10.71	0.69	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ21	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:46:51	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35225.89	35137.15	34904.75	35089.26	0.47	ppb
Antimony	121-1	1.05	1.06	1.05	1.06	0.43	ppb
Arsenic	75-2	194.15	195.13	192.84	194.04	0.59	ppb
Barium	135-1	328.69	333.88	331.44	331.34	0.78	ppb
Barium	137-1	339.67	342.86	334.59	339.04	1.23	ppb
Beryllium	9-1	1.61	1.60	1.63	1.61	0.93	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.81	3.21	3.75	3.59	9.29	ppb
Cadmium	106-1	3.72	4.53	3.76	4.00	11.39	ppb
Cadmium	111-1	2.57	2.76	2.59	2.64	3.91	ppb
Calcium	43-1	14606.32	14702.47	14888.50	14732.43	0.97	ppb
Calcium	44-1	14166.74	14087.80	14244.37	14166.31	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.47	54.07	54.05	54.20	0.44	ppb
Cobalt	59-2	52.66	52.63	52.53	52.61	0.13	ppb
Copper	63-2	183.31	181.71	181.21	182.08	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	117062.85	116659.90	116449.14	116723.97	0.27	ppb
Iron	57-2	115584.63	113581.06	113858.98	114341.56	0.95	ppb
Iron	54-2	116596.58	116373.49	116507.22	116492.43	0.10	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ21	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:46:51	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	168.32	169.47	164.77	167.52	1.46	ppb
Lead	207-1	174.39	180.13	173.82	176.11	1.98	ppb
Lead	208-1	168.82	174.44	168.20	170.48	2.02	ppb
Lithium	6-1				100		%
Magnesium	24-2	16699.38	16475.67	16389.89	16521.65	0.97	ppb
Manganese	55-2	1786.70	1807.00	1777.11	1790.27	0.85	ppb
Molybdenum	94-1	21.50	22.15	21.87	21.84	1.48	ppb
Molybdenum	95-1	1.27	1.35	1.33	1.32	3.22	ppb
Molybdenum	96-1	4.17	4.20	4.32	4.23	1.80	ppb
Molybdenum	97-1	1.36	1.34	1.34	1.35	0.57	ppb
Molybdenum	98-1	1.27	1.30	1.30	1.29	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.66	49.47	49.03	49.39	0.66	ppb
Phosphorus	31-2	3455.89	3479.59	3438.71	3458.06	0.59	ppb
Potassium	39-2	9266.45	9129.87	9127.49	9174.60	0.87	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	1.32	1.25	1.29	1.29	2.80	ppb
Selenium	77-2	17.56	15.82	17.52	16.97	5.85	ppb
Selenium	78-2	4.80	3.62	4.10	4.17	14.20	ppb
Silicon	28-1	159.48	161.94	162.25	161.22	0.94	ppb
Silver	107-1	0.88	0.88	0.85	0.87	2.07	ppb
Silver	109-1	0.85	0.87	0.85	0.86	1.52	ppb
Sodium	23-2	123.18	122.74	122.01	122.64	0.48	ppb
Strontium	86-1	1421.04	1441.70	1429.44	1430.73	0.73	ppb
Strontium	88-1	1448.92	1453.83	1455.48	1452.75	0.23	ppb
Sulfur	34-1	-332.98	-256.19	-227.30	-272.16		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.38	0.38	0.37	0.38	2.69	ppb
Thallium	205-1	0.38	0.39	0.37	0.38	2.35	ppb
Tin	118-1	1.11	1.12	1.06	1.09	2.94	ppb
Titanium	47-1	778.15	777.16	788.76	781.36	0.82	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ21	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:46:51	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.12	1.10	1.11	0.77	ppb
Vanadium	51-2	215.99	212.69	213.96	214.22	0.78	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	657.86	653.20	653.78	654.95	0.39	ppb
Zirconium	90-1	11.42	11.53	11.49	11.48	0.48	ppb
Zirconium	91-1	11.38	11.55	11.60	11.51	1.01	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ22	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:49:52	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26744.32	26810.53	26675.36	26743.40	0.25	ppb
Antimony	121-1	0.84	0.88	0.91	0.88	4.15	ppb
Arsenic	75-2	177.19	178.75	178.73	178.22	0.50	ppb
Barium	135-1	247.59	266.48	271.18	261.75	4.77	ppb
Barium	137-1	255.10	269.56	274.35	266.33	3.76	ppb
Beryllium	9-1	1.01	1.13	1.12	1.08	5.97	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.67	1.63	2.19	1.83	16.99	ppb
Cadmium	106-1	1.69	1.46	1.98	1.71	15.03	ppb
Cadmium	111-1	1.19	1.34	1.37	1.30	7.11	ppb
Calcium	43-1	9835.70	10627.55	10711.49	10391.58	4.65	ppb
Calcium	44-1	9551.51	10155.49	10300.08	10002.36	3.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.76	36.32	36.90	36.66	0.82	ppb
Cobalt	59-2	26.63	26.55	26.94	26.71	0.78	ppb
Copper	63-2	74.60	74.56	75.02	74.73	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	76921.97	75681.02	76596.20	76399.73	0.84	ppb
Iron	57-2	74698.70	74900.52	75150.13	74916.45	0.30	ppb
Iron	54-2	76961.22	76081.98	76556.89	76533.36	0.58	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ22	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:49:52	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	90.83	97.72	98.12	95.55	4.29	ppb
Lead	207-1	95.51	102.21	102.79	100.17	4.04	ppb
Lead	208-1	94.39	102.46	101.01	99.29	4.33	ppb
Lithium	6-1				102		%
Magnesium	24-2	13073.07	13134.64	13128.28	13111.99	0.26	ppb
Manganese	55-2	1190.21	1193.52	1179.14	1187.62	0.63	ppb
Molybdenum	94-1	16.31	17.50	17.27	17.03	3.70	ppb
Molybdenum	95-1	1.62	1.76	1.75	1.71	4.65	ppb
Molybdenum	96-1	3.64	3.89	3.92	3.82	4.02	ppb
Molybdenum	97-1	1.58	1.75	1.78	1.70	6.29	ppb
Molybdenum	98-1	1.63	1.74	1.68	1.68	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.02	33.76	34.15	33.98	0.59	ppb
Phosphorus	31-2	2473.59	2456.73	2479.63	2469.98	0.48	ppb
Potassium	39-2	7118.57	7120.36	7215.04	7151.32	0.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.72	0.71	0.51	0.65	17.96	ppb
Selenium	77-2	13.35	13.96	10.14	12.48	16.45	ppb
Selenium	78-2	1.52	1.82	2.25	1.86	19.83	ppb
Silicon	28-1	125.69	134.30	137.03	132.34	4.47	ppb
Silver	107-1	0.48	0.52	0.52	0.51	4.18	ppb
Silver	109-1	0.47	0.52	0.53	0.51	6.36	ppb
Sodium	23-2	101.93	103.53	104.62	103.36	1.31	ppb
Strontium	86-1	1033.08	1095.46	1095.62	1074.72	3.36	ppb
Strontium	88-1	1042.61	1103.74	1105.01	1083.79	3.29	ppb
Sulfur	34-1	-1228.21	-1014.69	-980.45	-1074.45		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.27	0.29	0.28	0.28	4.43	ppb
Thallium	205-1	0.26	0.28	0.29	0.28	5.21	ppb
Tin	118-1	0.81	0.95	0.95	0.90	8.62	ppb
Titanium	47-1	552.15	592.74	600.70	581.87	4.48	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ22	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:49:52	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.71	0.76	0.76	0.74	3.46	ppb
Vanadium	51-2	109.05	107.83	108.13	108.34	0.59	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	441.89	443.11	443.01	442.67	0.15	ppb
Zirconium	90-1	8.32	8.81	8.87	8.66	3.51	ppb
Zirconium	91-1	8.34	8.92	8.88	8.71	3.74	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ23	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:52:59	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28775.11	29083.12	28942.99	28933.74	0.53	ppb
Antimony	121-1	0.64	0.68	0.67	0.67	2.79	ppb
Arsenic	75-2	179.96	183.06	182.24	181.76	0.89	ppb
Barium	135-1	267.69	273.54	276.70	272.64	1.68	ppb
Barium	137-1	274.31	276.27	282.18	277.59	1.47	ppb
Beryllium	9-1	1.30	1.24	1.39	1.31	5.76	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.36	3.04	2.98	3.13	6.54	ppb
Cadmium	106-1	3.31	3.91	4.02	3.75	10.20	ppb
Cadmium	111-1	2.44	2.52	2.62	2.53	3.56	ppb
Calcium	43-1	12253.65	12627.30	12605.18	12495.37	1.68	ppb
Calcium	44-1	11628.96	12203.25	12118.05	11983.42	2.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.13	40.45	40.47	40.35	0.48	ppb
Cobalt	59-2	33.94	34.12	34.02	34.03	0.26	ppb
Copper	63-2	118.22	119.05	118.44	118.57	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	86684.56	87422.35	86977.82	87028.24	0.43	ppb
Iron	57-2	84825.46	86737.38	85510.89	85691.24	1.13	ppb
Iron	54-2	86927.07	88023.66	86912.11	87287.61	0.73	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ23	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:52:59	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	144.70	150.54	150.02	148.42	2.18	ppb
Lead	207-1	149.94	152.64	153.60	152.06	1.25	ppb
Lead	208-1	148.83	151.79	152.52	151.05	1.30	ppb
Lithium	6-1				101		%
Magnesium	24-2	14030.57	14202.42	14045.93	14092.98	0.67	ppb
Manganese	55-2	1504.89	1514.65	1498.25	1505.93	0.55	ppb
Molybdenum	94-1	20.75	21.35	21.30	21.13	1.58	ppb
Molybdenum	95-1	2.50	2.52	2.50	2.51	0.54	ppb
Molybdenum	96-1	4.90	4.99	5.03	4.97	1.39	ppb
Molybdenum	97-1	2.50	2.51	2.54	2.52	0.89	ppb
Molybdenum	98-1	2.46	2.50	2.50	2.49	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.70	38.04	38.22	37.98	0.70	ppb
Phosphorus	31-2	2822.52	2901.67	2860.54	2861.58	1.38	ppb
Potassium	39-2	7498.39	7538.20	7515.70	7517.43	0.27	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.49	1.11	0.86	0.82	38.04	ppb
Selenium	77-2	15.68	13.18	15.52	14.79	9.48	ppb
Selenium	78-2	2.65	2.45	2.30	2.46	7.16	ppb
Silicon	28-1	83.97	86.66	87.36	86.00	2.08	ppb
Silver	107-1	0.67	0.70	0.72	0.70	3.63	ppb
Silver	109-1	0.70	0.68	0.71	0.70	1.87	ppb
Sodium	23-2	122.59	124.33	121.93	122.95	1.01	ppb
Strontium	86-1	1141.01	1165.61	1170.42	1159.01	1.36	ppb
Strontium	88-1	1137.66	1167.41	1180.44	1161.84	1.89	ppb
Sulfur	34-1	5.32	159.24	178.63	114.40	83.01	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.32	0.31	0.32	0.31	1.35	ppb
Thallium	205-1	0.31	0.33	0.33	0.32	2.29	ppb
Tin	118-1	1.35	1.36	1.50	1.40	5.99	ppb
Titanium	47-1	679.09	692.51	702.89	691.50	1.73	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ23	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:52:59	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.87	0.88	0.87	1.27	ppb
Vanadium	51-2	135.38	136.89	136.12	136.13	0.55	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	659.54	668.04	663.43	663.67	0.64	ppb
Zirconium	90-1	10.33	10.67	10.66	10.55	1.84	ppb
Zirconium	91-1	10.56	10.89	10.69	10.72	1.54	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ24	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:56:01	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28220.63	28528.94	28671.25	28473.61	0.81	ppb
Antimony	121-1	0.81	0.81	0.80	0.81	0.52	ppb
Arsenic	75-2	143.87	141.86	140.40	142.04	1.23	ppb
Barium	135-1	256.68	256.90	257.25	256.94	0.11	ppb
Barium	137-1	258.88	260.15	257.05	258.70	0.60	ppb
Beryllium	9-1	1.25	1.27	1.28	1.26	0.99	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.89	2.90	2.64	2.81	5.23	ppb
Cadmium	106-1	3.91	2.35	3.06	3.11	25.16	ppb
Cadmium	111-1	2.12	2.01	2.12	2.09	3.05	ppb
Calcium	43-1	13183.73	13340.54	13169.26	13231.18	0.72	ppb
Calcium	44-1	12755.87	12761.50	12649.21	12722.19	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.66	41.65	41.66	41.66	0.02	ppb
Cobalt	59-2	40.93	41.03	40.84	40.93	0.23	ppb
Copper	63-2	138.27	138.67	138.28	138.41	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	97162.51	97381.71	97908.08	97484.10	0.39	ppb
Iron	57-2	95685.45	97108.28	95978.29	96257.34	0.78	ppb
Iron	54-2	97227.20	97335.21	97248.09	97270.16	0.06	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ24	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:56:01	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.63	114.75	114.52	113.96	1.02	ppb
Lead	207-1	117.13	117.86	118.42	117.80	0.55	ppb
Lead	208-1	116.94	118.54	117.05	117.51	0.76	ppb
Lithium	6-1				101		%
Magnesium	24-2	13312.44	13346.85	13409.56	13356.28	0.37	ppb
Manganese	55-2	1413.57	1405.82	1426.33	1415.24	0.73	ppb
Molybdenum	94-1	18.85	19.30	19.10	19.08	1.19	ppb
Molybdenum	95-1	2.51	2.63	2.59	2.57	2.39	ppb
Molybdenum	96-1	4.96	5.02	4.87	4.95	1.50	ppb
Molybdenum	97-1	2.48	2.58	2.62	2.56	2.67	ppb
Molybdenum	98-1	2.47	2.58	2.58	2.54	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.47	36.79	36.76	36.67	0.48	ppb
Phosphorus	31-2	2670.07	2708.57	2637.18	2671.94	1.34	ppb
Potassium	39-2	6795.54	6805.13	6782.51	6794.39	0.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	1.15	1.17	1.19	1.17	1.76	ppb
Selenium	77-2	13.11	12.07	13.07	12.75	4.62	ppb
Selenium	78-2	3.19	3.10	1.96	2.75	25.00	ppb
Silicon	28-1	142.06	146.78	142.97	143.93	1.74	ppb
Silver	107-1	0.62	0.61	0.62	0.62	0.42	ppb
Silver	109-1	0.61	0.61	0.62	0.61	0.80	ppb
Sodium	23-2	103.19	104.20	103.07	103.49	0.60	ppb
Strontium	86-1	1065.78	1080.86	1081.93	1076.19	0.84	ppb
Strontium	88-1	1092.13	1099.65	1092.66	1094.81	0.38	ppb
Sulfur	34-1	93.98	182.51	132.19	136.23	32.60	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.29	0.29	0.30	0.29	1.34	ppb
Thallium	205-1	0.28	0.27	0.28	0.28	2.04	ppb
Tin	118-1	1.07	1.12	1.07	1.09	2.56	ppb
Titanium	47-1	676.79	679.94	673.55	676.76	0.47	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ24	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:56:01	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.86	0.87	0.86	1.57	ppb
Vanadium	51-2	190.12	191.59	190.75	190.82	0.39	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	454.16	457.38	456.52	456.02	0.37	ppb
Zirconium	90-1	9.33	10.20	9.60	9.71	4.62	ppb
Zirconium	91-1	9.29	9.56	9.43	9.42	1.44	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ25	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:59:07	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38381.25	37702.98	37721.90	37935.38	1.02	ppb
Antimony	121-1	0.24	0.24	0.24	0.24	0.12	ppb
Arsenic	75-2	84.14	81.93	82.70	82.92	1.35	ppb
Barium	135-1	461.91	479.26	465.38	468.85	1.96	ppb
Barium	137-1	467.00	478.18	468.82	471.33	1.27	ppb
Beryllium	9-1	1.67	1.78	1.67	1.71	3.62	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.24	2.24	2.02	2.17	5.83	ppb
Cadmium	106-1	3.60	3.28	2.52	3.13	17.60	ppb
Cadmium	111-1	1.01	1.01	0.97	1.00	2.10	ppb
Calcium	43-1	14846.58	15448.89	15185.02	15160.16	1.99	ppb
Calcium	44-1	14266.60	14544.72	14558.06	14456.46	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.88	45.37	46.22	45.82	0.93	ppb
Cobalt	59-2	28.89	28.80	28.95	28.88	0.26	ppb
Copper	63-2	101.85	101.18	100.86	101.30	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	78668.94	78128.47	78368.11	78388.51	0.35	ppb
Iron	57-2	77713.04	76516.39	77446.02	77225.15	0.81	ppb
Iron	54-2	79289.99	78420.55	79070.41	78926.98	0.57	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ25	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:59:07	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	62.48	64.11	65.23	63.94	2.16	ppb
Lead	207-1	62.94	64.42	65.70	64.35	2.14	ppb
Lead	208-1	61.99	63.75	64.19	63.31	1.84	ppb
Lithium	6-1				103		%
Magnesium	24-2	14938.68	14886.70	14815.05	14880.14	0.42	ppb
Manganese	55-2	1357.40	1348.29	1357.66	1354.45	0.39	ppb
Molybdenum	94-1	24.29	24.86	24.95	24.70	1.45	ppb
Molybdenum	95-1	0.69	0.69	0.72	0.70	2.75	ppb
Molybdenum	96-1	3.69	3.73	3.80	3.74	1.53	ppb
Molybdenum	97-1	0.67	0.66	0.66	0.66	0.79	ppb
Molybdenum	98-1	0.68	0.70	0.70	0.69	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.78	37.83	38.04	37.88	0.36	ppb
Phosphorus	31-2	1568.17	1575.11	1594.52	1579.27	0.86	ppb
Potassium	39-2	4421.69	4384.65	4366.91	4391.08	0.64	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.74	0.61	0.68	0.68	9.95	ppb
Selenium	77-2	14.03	15.49	13.51	14.34	7.16	ppb
Selenium	78-2	3.34	2.14	2.09	2.53	28.05	ppb
Silicon	28-1	171.55	175.86	175.42	174.28	1.36	ppb
Silver	107-1	0.32	0.32	0.33	0.32	2.38	ppb
Silver	109-1	0.29	0.31	0.30	0.30	3.23	ppb
Sodium	23-2	154.62	154.64	154.41	154.55	0.08	ppb
Strontium	86-1	2642.02	2702.10	2703.31	2682.48	1.31	ppb
Strontium	88-1	2660.31	2731.04	2726.07	2705.80	1.46	ppb
Sulfur	34-1	-879.85	-815.52	-822.41	-839.26		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.33	0.33	0.33	0.33	1.44	ppb
Thallium	205-1	0.32	0.34	0.34	0.33	4.12	ppb
Tin	118-1	1.44	1.45	1.48	1.46	1.69	ppb
Titanium	47-1	411.35	425.23	419.63	418.74	1.67	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ25	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:59:07	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.07	1.07	1.06	1.42	ppb
Vanadium	51-2	134.53	132.79	134.55	133.96	0.76	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	275.01	272.33	274.73	274.02	0.54	ppb
Zirconium	90-1	13.30	13.58	13.66	13.51	1.39	ppb
Zirconium	91-1	13.46	13.69	13.67	13.61	0.92	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ26	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:02:12	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38331.16	38256.29	38530.17	38372.54	0.37	ppb
Antimony	121-1	1.11	1.20	1.20	1.17	4.29	ppb
Arsenic	75-2	311.90	311.50	311.44	311.62	0.08	ppb
Barium	135-1	432.84	465.84	472.33	457.01	4.63	ppb
Barium	137-1	430.85	465.32	476.11	457.43	5.17	ppb
Beryllium	9-1	1.62	1.61	1.67	1.63	1.90	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.81	3.92	4.56	4.10	9.90	ppb
Cadmium	106-1	5.66	5.88	5.97	5.84	2.73	ppb
Cadmium	111-1	3.15	3.41	3.54	3.37	5.90	ppb
Calcium	43-1	11592.30	12717.86	12996.79	12435.65	5.98	ppb
Calcium	44-1	11206.54	12217.29	12466.34	11963.39	5.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	198.83	199.68	204.02	200.84	1.38	ppb
Cobalt	59-2	38.79	38.72	39.12	38.88	0.55	ppb
Copper	63-2	184.28	185.45	186.36	185.36	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	104447.54	105873.07	104812.32	105044.31	0.70	ppb
Iron	57-2	102483.01	104463.64	103788.09	103578.25	0.97	ppb
Iron	54-2	104973.01	105311.72	104953.03	105079.25	0.19	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ26	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:02:12	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	228.22	244.38	244.54	239.05	3.92	ppb
Lead	207-1	239.54	259.26	260.51	253.10	4.65	ppb
Lead	208-1	231.00	252.43	251.16	244.86	4.91	ppb
Lithium	6-1				105		%
Magnesium	24-2	14822.44	14908.22	14823.90	14851.52	0.33	ppb
Manganese	55-2	1370.51	1376.56	1358.31	1368.46	0.68	ppb
Molybdenum	94-1	26.13	28.52	28.95	27.87	5.46	ppb
Molybdenum	95-1	2.56	2.83	2.84	2.74	5.88	ppb
Molybdenum	96-1	5.69	6.10	6.23	6.01	4.67	ppb
Molybdenum	97-1	2.52	2.78	2.86	2.72	6.54	ppb
Molybdenum	98-1	2.53	2.77	2.82	2.70	5.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.67	99.31	99.01	99.00	0.32	ppb
Phosphorus	31-2	2447.59	2422.11	2428.83	2432.84	0.54	ppb
Potassium	39-2	6984.12	7087.96	7054.14	7042.07	0.75	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	2.10	2.26	2.20	2.19	3.92	ppb
Selenium	77-2	16.65	15.85	15.84	16.11	2.90	ppb
Selenium	78-2	4.35	4.73	4.43	4.51	4.47	ppb
Silicon	28-1	176.65	192.70	198.74	189.36	6.03	ppb
Silver	107-1	1.23	1.33	1.34	1.30	4.60	ppb
Silver	109-1	1.23	1.31	1.33	1.29	4.11	ppb
Sodium	23-2	146.90	147.23	147.76	147.30	0.29	ppb
Strontium	86-1	1829.15	1982.71	2020.49	1944.12	5.21	ppb
Strontium	88-1	1848.67	1999.22	2020.96	1956.28	4.80	ppb
Sulfur	34-1	519.28	970.58	1060.57	850.14	34.12	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.39	0.43	0.44	0.42	7.03	ppb
Thallium	205-1	0.41	0.44	0.43	0.43	3.64	ppb
Tin	118-1	3.08	3.35	3.42	3.28	5.37	ppb
Titanium	47-1	774.46	861.65	864.82	833.64	6.15	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ26	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:02:12	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.18	1.21	1.16	5.02	ppb
Vanadium	51-2	176.96	177.78	177.73	177.49	0.26	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	982.93	991.03	991.44	988.46	0.49	ppb
Zirconium	90-1	13.34	14.63	14.67	14.22	5.32	ppb
Zirconium	91-1	13.51	14.76	14.92	14.40	5.37	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ27	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:05:13	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33513.68	33274.42	33281.47	33356.52	0.41	ppb
Antimony	121-1	0.84	0.87	0.88	0.86	2.65	ppb
Arsenic	75-2	272.84	273.18	277.22	274.41	0.89	ppb
Barium	135-1	368.98	397.54	379.61	382.05	3.78	ppb
Barium	137-1	379.38	399.21	389.94	389.51	2.55	ppb
Beryllium	9-1	1.45	1.53	1.50	1.49	2.91	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.89	4.13	4.10	4.04	3.26	ppb
Cadmium	106-1	4.68	4.54	4.52	4.58	1.95	ppb
Cadmium	111-1	2.98	3.23	3.11	3.11	4.07	ppb
Calcium	43-1	10742.31	11472.59	10839.34	11018.08	3.60	ppb
Calcium	44-1	10361.97	11064.11	10483.60	10636.56	3.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.61	45.34	46.10	45.69	0.84	ppb
Cobalt	59-2	30.75	30.57	31.06	30.79	0.81	ppb
Copper	63-2	134.58	134.28	135.51	134.79	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	86328.94	85304.11	85887.18	85840.08	0.60	ppb
Iron	57-2	84689.77	84898.08	85424.73	85004.19	0.45	ppb
Iron	54-2	85474.41	86062.78	87542.09	86359.76	1.23	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ27	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:05:13	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	217.75	230.77	219.35	222.63	3.19	ppb
Lead	207-1	231.29	246.81	232.89	237.00	3.60	ppb
Lead	208-1	223.55	238.13	226.03	229.24	3.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	12450.45	12324.25	12481.94	12418.88	0.67	ppb
Manganese	55-2	1245.99	1242.94	1249.84	1246.25	0.28	ppb
Molybdenum	94-1	22.26	23.73	22.51	22.83	3.44	ppb
Molybdenum	95-1	0.86	0.89	0.87	0.87	1.78	ppb
Molybdenum	96-1	3.65	3.96	3.63	3.75	4.81	ppb
Molybdenum	97-1	0.88	0.91	0.87	0.88	2.07	ppb
Molybdenum	98-1	0.84	0.89	0.87	0.86	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.58	33.33	33.71	33.54	0.57	ppb
Phosphorus	31-2	1991.49	1976.68	2010.58	1992.92	0.85	ppb
Potassium	39-2	5509.14	5575.53	5487.04	5523.90	0.83	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	1.80	2.07	1.72	1.87	9.90	ppb
Selenium	77-2	13.91	15.19	13.64	14.25	5.79	ppb
Selenium	78-2	4.50	1.83	3.24	3.19	41.83	ppb
Silicon	28-1	159.01	166.15	158.46	161.21	2.66	ppb
Silver	107-1	1.15	1.20	1.20	1.18	2.76	ppb
Silver	109-1	1.10	1.19	1.15	1.15	4.07	ppb
Sodium	23-2	113.68	111.60	115.70	113.66	1.80	ppb
Strontium	86-1	1726.30	1845.20	1759.69	1777.06	3.45	ppb
Strontium	88-1	1751.98	1841.33	1787.51	1793.61	2.51	ppb
Sulfur	34-1	-306.17	-80.70	-257.52	-214.80		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.37	0.40	0.37	0.38	4.10	ppb
Thallium	205-1	0.36	0.37	0.37	0.37	2.79	ppb
Tin	118-1	3.29	3.85	3.52	3.55	7.87	ppb
Titanium	47-1	603.51	623.97	604.54	610.68	1.89	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ27	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:05:13	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	1.02	0.97	0.98	3.42	ppb
Vanadium	51-2	142.66	142.12	142.73	142.50	0.23	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	847.27	848.11	858.78	851.39	0.75	ppb
Zirconium	90-1	12.02	12.77	12.17	12.32	3.21	ppb
Zirconium	91-1	12.17	12.95	12.25	12.46	3.47	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ28	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:08:14	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42008.68	42011.42	41703.53	41907.88	0.42	ppb
Antimony	121-1	0.22	0.22	0.22	0.22	1.09	ppb
Arsenic	75-2	100.85	97.93	96.74	98.50	2.15	ppb
Barium	135-1	548.86	550.33	551.83	550.34	0.27	ppb
Barium	137-1	536.93	558.88	542.84	546.22	2.08	ppb
Beryllium	9-1	2.08	2.00	2.01	2.03	2.22	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.11	1.95	1.93	2.00	4.94	ppb
Cadmium	106-1	2.44	2.75	1.65	2.28	24.74	ppb
Cadmium	111-1	1.00	1.06	1.03	1.03	3.35	ppb
Calcium	43-1	12066.82	12402.95	12423.41	12297.73	1.63	ppb
Calcium	44-1	11542.38	11896.30	11932.65	11790.44	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.63	47.92	48.03	47.86	0.43	ppb
Cobalt	59-2	29.05	29.17	28.89	29.04	0.50	ppb
Copper	63-2	93.01	93.37	93.53	93.31	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	82036.08	82630.53	83252.96	82639.86	0.74	ppb
Iron	57-2	80067.42	81709.23	81244.16	81006.94	1.04	ppb
Iron	54-2	81426.38	82035.23	82406.02	81955.87	0.60	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ28	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:08:14	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.52	74.76	74.39	74.22	0.86	ppb
Lead	207-1	74.08	75.86	75.39	75.11	1.23	ppb
Lead	208-1	73.98	75.30	75.54	74.94	1.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	12315.75	12536.66	12455.11	12435.84	0.90	ppb
Manganese	55-2	1178.40	1198.40	1199.74	1192.18	1.00	ppb
Molybdenum	94-1	25.11	26.05	25.75	25.64	1.88	ppb
Molybdenum	95-1	0.59	0.64	0.63	0.62	4.89	ppb
Molybdenum	96-1	3.63	3.87	3.72	3.74	3.15	ppb
Molybdenum	97-1	0.63	0.64	0.64	0.64	1.35	ppb
Molybdenum	98-1	0.60	0.62	0.59	0.61	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.13	36.20	36.55	36.30	0.62	ppb
Phosphorus	31-2	1258.61	1292.67	1263.02	1271.43	1.46	ppb
Potassium	39-2	3936.23	3996.96	3982.24	3971.81	0.80	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	1.22	0.82	0.09	0.71	80.38	ppb
Selenium	77-2	12.76	16.66	13.63	14.35	14.26	ppb
Selenium	78-2	2.98	2.32	3.03	2.78	14.30	ppb
Silicon	28-1	151.27	154.38	153.74	153.13	1.07	ppb
Silver	107-1	0.38	0.37	0.37	0.37	2.25	ppb
Silver	109-1	0.36	0.37	0.36	0.36	0.85	ppb
Sodium	23-2	109.63	112.35	109.90	110.63	1.36	ppb
Strontium	86-1	2040.68	2105.46	2101.52	2082.56	1.74	ppb
Strontium	88-1	2069.31	2094.60	2104.46	2089.46	0.87	ppb
Sulfur	34-1	-1186.70	-1078.34	-1049.61	-1104.88		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.35	0.35	0.35	0.35	1.16	ppb
Thallium	205-1	0.34	0.36	0.34	0.35	2.15	ppb
Tin	118-1	1.57	1.60	1.62	1.60	1.39	ppb
Titanium	47-1	435.76	447.03	448.40	443.73	1.56	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ28	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:08:14	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.21	1.20	1.20	0.95	ppb
Vanadium	51-2	146.16	147.54	146.60	146.77	0.48	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	284.28	287.38	286.64	286.10	0.57	ppb
Zirconium	90-1	13.70	14.17	14.09	13.99	1.77	ppb
Zirconium	91-1	13.90	14.25	14.31	14.16	1.57	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ29	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:11:20	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28994.84	28842.42	28830.29	28889.18	0.32	ppb
Antimony	121-1	0.83	0.84	0.86	0.84	2.25	ppb
Arsenic	75-2	221.74	220.71	222.07	221.51	0.32	ppb
Barium	135-1	295.51	302.37	302.43	300.11	1.33	ppb
Barium	137-1	301.75	309.46	307.85	306.35	1.33	ppb
Beryllium	9-1	1.26	1.27	1.36	1.30	4.40	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.56	3.72	3.92	3.74	4.85	ppb
Cadmium	106-1	3.78	3.62	3.36	3.59	5.86	ppb
Cadmium	111-1	2.67	2.76	2.73	2.72	1.63	ppb
Calcium	43-1	9712.85	9997.24	9782.57	9830.89	1.51	ppb
Calcium	44-1	9430.33	9571.64	9309.01	9436.99	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.86	40.50	40.47	40.61	0.53	ppb
Cobalt	59-2	27.97	27.55	27.73	27.75	0.76	ppb
Copper	63-2	129.98	129.15	129.69	129.60	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	73122.22	72975.99	73380.92	73159.71	0.28	ppb
Iron	57-2	72132.24	72077.67	72520.73	72243.55	0.33	ppb
Iron	54-2	73927.23	73155.59	73192.18	73425.00	0.59	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ29	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:11:20	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	207.92	212.35	210.39	210.22	1.06	ppb
Lead	207-1	220.73	224.88	221.37	222.33	1.01	ppb
Lead	208-1	213.61	217.51	214.70	215.27	0.93	ppb
Lithium	6-1				99		%
Magnesium	24-2	11508.08	11601.00	11500.22	11536.43	0.49	ppb
Manganese	55-2	1146.11	1142.85	1144.93	1144.63	0.14	ppb
Molybdenum	94-1	20.31	20.88	20.93	20.71	1.68	ppb
Molybdenum	95-1	0.91	0.91	0.91	0.91	0.35	ppb
Molybdenum	96-1	3.39	3.47	3.43	3.43	1.12	ppb
Molybdenum	97-1	0.89	0.90	0.93	0.91	2.34	ppb
Molybdenum	98-1	0.91	0.91	0.91	0.91	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.30	31.79	31.43	31.51	0.80	ppb
Phosphorus	31-2	2074.86	2119.41	2079.27	2091.18	1.17	ppb
Potassium	39-2	5167.54	5169.08	5172.89	5169.83	0.05	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	1.45	1.47	1.47	1.46	0.80	ppb
Selenium	77-2	11.88	12.44	11.60	11.97	3.56	ppb
Selenium	78-2	2.60	3.60	2.51	2.90	20.94	ppb
Silicon	28-1	123.22	126.79	124.54	124.85	1.44	ppb
Silver	107-1	0.91	0.96	0.95	0.94	2.56	ppb
Silver	109-1	0.93	0.95	0.96	0.95	1.78	ppb
Sodium	23-2	141.57	140.81	141.31	141.23	0.27	ppb
Strontium	86-1	1496.48	1533.08	1523.60	1517.72	1.25	ppb
Strontium	88-1	1513.20	1522.17	1551.24	1528.87	1.30	ppb
Sulfur	34-1	-694.91	-564.64	-586.21	-615.25		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.31	0.31	0.33	0.32	4.24	ppb
Thallium	205-1	0.30	0.31	0.32	0.31	2.07	ppb
Tin	118-1	1.62	1.68	1.68	1.66	2.09	ppb
Titanium	47-1	542.73	556.24	551.77	550.25	1.25	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ29	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:11:20	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.89	0.90	0.89	1.37	ppb
Vanadium	51-2	115.27	114.87	114.40	114.85	0.38	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	767.42	761.91	768.86	766.06	0.48	ppb
Zirconium	90-1	10.93	11.21	11.20	11.11	1.40	ppb
Zirconium	91-1	11.09	11.28	11.25	11.20	0.91	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ30	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:14:22	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30569.84	30900.22	31289.41	30919.82	1.16	ppb
Antimony	121-1	0.66	0.70	0.69	0.68	3.28	ppb
Arsenic	75-2	195.87	197.21	193.68	195.59	0.91	ppb
Barium	135-1	302.88	322.20	325.04	316.71	3.81	ppb
Barium	137-1	315.93	325.36	332.39	324.56	2.54	ppb
Beryllium	9-1	1.25	1.40	1.41	1.35	6.81	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.91	3.45	3.38	3.25	9.12	ppb
Cadmium	106-1	3.96	3.53	3.77	3.75	5.79	ppb
Cadmium	111-1	2.35	2.45	2.49	2.43	2.99	ppb
Calcium	43-1	9914.65	10563.52	10602.93	10360.37	3.73	ppb
Calcium	44-1	9539.12	10201.49	10174.83	9971.81	3.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.40	45.70	45.75	45.62	0.42	ppb
Cobalt	59-2	33.37	33.58	33.91	33.62	0.81	ppb
Copper	63-2	124.29	124.34	125.33	124.65	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	82439.07	82867.84	82974.63	82760.51	0.34	ppb
Iron	57-2	80637.29	81427.82	81303.09	81122.73	0.52	ppb
Iron	54-2	82564.60	82379.30	83082.38	82675.42	0.44	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ30	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:14:22	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	158.18	165.45	166.42	163.35	2.76	ppb
Lead	207-1	165.48	174.50	176.03	172.00	3.31	ppb
Lead	208-1	161.69	171.63	171.11	168.14	3.33	ppb
Lithium	6-1				102		%
Magnesium	24-2	12931.88	13043.22	13112.20	13029.10	0.70	ppb
Manganese	55-2	1315.89	1326.45	1325.11	1322.48	0.43	ppb
Molybdenum	94-1	20.36	22.15	21.76	21.42	4.38	ppb
Molybdenum	95-1	0.90	0.99	0.95	0.95	4.97	ppb
Molybdenum	96-1	3.44	3.72	3.67	3.61	4.11	ppb
Molybdenum	97-1	0.87	1.00	1.00	0.95	8.06	ppb
Molybdenum	98-1	0.88	0.98	0.97	0.94	5.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.51	36.49	36.58	36.53	0.12	ppb
Phosphorus	31-2	2032.85	2047.57	2110.13	2063.52	1.99	ppb
Potassium	39-2	5567.02	5502.40	5547.87	5539.10	0.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	1.00	1.41	1.34	1.25	17.36	ppb
Selenium	77-2	11.62	12.71	11.96	12.10	4.62	ppb
Selenium	78-2	3.02	2.34	2.68	2.68	12.74	ppb
Silicon	28-1	155.32	165.18	166.12	162.21	3.69	ppb
Silver	107-1	0.72	0.78	0.76	0.76	4.11	ppb
Silver	109-1	0.72	0.76	0.77	0.75	3.96	ppb
Sodium	23-2	119.85	120.93	121.68	120.82	0.76	ppb
Strontium	86-1	1464.56	1576.27	1561.98	1534.27	3.96	ppb
Strontium	88-1	1507.65	1581.82	1596.17	1561.88	3.04	ppb
Sulfur	34-1	-833.68	-583.62	-594.42	-670.57		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.30	0.32	0.34	0.32	6.48	ppb
Thallium	205-1	0.30	0.33	0.31	0.31	4.83	ppb
Tin	118-1	1.80	1.76	1.80	1.79	1.12	ppb
Titanium	47-1	643.04	676.84	679.57	666.49	3.05	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ30	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:14:22	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.87	0.89	0.86	3.80	ppb
Vanadium	51-2	131.96	133.44	134.08	133.16	0.82	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	740.28	745.54	753.07	746.29	0.86	ppb
Zirconium	90-1	10.92	11.86	11.59	11.46	4.23	ppb
Zirconium	91-1	10.96	11.79	11.79	11.51	4.17	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:17:26	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48699.23	49170.10	48587.43	48818.92	0.63	ppb
Antimony	121-1	496.13	503.44	505.10	501.56	0.95	ppb
Arsenic	75-2	486.34	493.29	487.85	489.16	0.75	ppb
Barium	135-1	2503.90	2533.41	2558.69	2532.00	1.08	ppb
Barium	137-1	2505.90	2565.96	2536.08	2535.98	1.18	ppb
Beryllium	9-1	494.57	485.93	492.75	491.08	0.93	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	504.97	509.66	506.60	507.07	0.47	ppb
Cadmium	106-1	497.98	509.99	510.20	506.06	1.38	ppb
Cadmium	111-1	494.73	510.12	506.82	503.89	1.61	ppb
Calcium	43-1	247086.28	246243.80	246132.72	246487.60	0.21	ppb
Calcium	44-1	246250.89	246531.86	247998.49	246927.08	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.00	492.22	487.14	488.45	0.68	ppb
Cobalt	59-2	486.74	485.50	491.64	487.96	0.67	ppb
Copper	63-2	4744.98	4709.75	4763.12	4739.28	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	123488.71	124051.74	123395.96	123645.47	0.29	ppb
Iron	57-2	122881.58	123195.98	123879.72	123319.09	0.41	ppb
Iron	54-2	124136.88	124574.82	123385.84	124032.51	0.48	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:17:26	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2565.36	2587.32	2628.36	2593.68	1.23	ppb
Lead	207-1	2551.22	2580.20	2596.25	2575.89	0.89	ppb
Lead	208-1	2544.19	2586.14	2588.24	2572.86	0.97	ppb
Lithium	6-1				94		%
Magnesium	24-2	242474.12	243132.59	243686.11	243097.61	0.25	ppb
Manganese	55-2	4817.24	4845.04	4772.06	4811.45	0.77	ppb
Molybdenum	94-1	5057.22	5062.70	5116.50	5078.81	0.65	ppb
Molybdenum	95-1	5064.47	5094.13	5136.00	5098.20	0.70	ppb
Molybdenum	96-1	5038.41	5097.83	5104.46	5080.23	0.72	ppb
Molybdenum	97-1	5067.24	5099.25	5126.33	5097.61	0.58	ppb
Molybdenum	98-1	5062.94	5043.75	5053.15	5053.28	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.05	520.57	519.78	520.13	0.08	ppb
Phosphorus	31-2	9792.23	9781.19	9734.48	9769.30	0.31	ppb
Potassium	39-2	120472.14	120665.18	122216.15	121117.82	0.79	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	490.36	492.95	497.52	493.61	0.73	ppb
Selenium	77-2	461.66	476.24	473.25	470.38	1.64	ppb
Selenium	78-2	473.78	478.68	476.43	476.30	0.52	ppb
Silicon	28-1	508.76	520.69	518.81	516.09	1.24	ppb
Silver	107-1	497.05	509.93	507.90	504.96	1.37	ppb
Silver	109-1	499.75	500.72	502.43	500.96	0.27	ppb
Sodium	23-2	240229.74	241056.64	242404.86	241230.41	0.46	ppb
Strontium	86-1	12903.82	12777.12	13125.30	12935.41	1.36	ppb
Strontium	88-1	12768.54	12859.91	13015.85	12881.44	0.97	ppb
Sulfur	34-1	9337.59	9472.27	9313.84	9374.57	0.91	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	515.71	518.79	529.80	521.43	1.42	ppb
Thallium	205-1	514.74	516.33	527.13	519.40	1.30	ppb
Tin	118-1	502.37	514.21	506.17	507.58	1.19	ppb
Titanium	47-1	5001.76	5075.65	5057.45	5044.95	0.76	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:17:26	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	519.54	520.98	530.34	523.62	1.12	ppb
Vanadium	51-2	494.50	494.65	496.79	495.31	0.26	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	4933.27	4947.75	4953.35	4944.79	0.21	ppb
Zirconium	90-1	505.46	516.46	511.86	511.26	1.08	ppb
Zirconium	91-1	510.15	514.91	516.44	513.83	0.64	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:20:06	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.61	3.33	2.75	3.23	13.60	ppb
Antimony	121-1	0.23	0.21	0.18	0.21	11.47	ppb
Arsenic	75-2	0.02	0.05	0.04	0.04	41.27	ppb
Barium	135-1	0.27	0.22	0.21	0.24	14.10	ppb
Barium	137-1	0.25	0.22	0.19	0.22	14.33	ppb
Beryllium	9-1	0.07	0.09	0.08	0.08	8.52	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.09	0.08	0.09	11.11	ppb
Cadmium	106-1	-0.69	-0.25	-0.95	-0.63		ppb
Cadmium	111-1	0.01	0.02	-0.02	0.00	514.88	ppb
Calcium	43-1	23.42	19.29	16.84	19.85	16.75	ppb
Calcium	44-1	23.51	19.01	16.31	19.61	18.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.02	-0.01	0.02	122.78	ppb
Cobalt	59-2	0.03	0.02	0.02	0.03	19.08	ppb
Copper	63-2	0.37	0.32	0.32	0.34	8.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	10.60	9.77	8.94	9.77	8.47	ppb
Iron	57-2	9.72	9.75	7.38	8.95	15.19	ppb
Iron	54-2	10.46	9.90	8.73	9.70	9.15	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:20:06	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.31	0.24	0.22	0.26	18.20	ppb
Lead	207-1	0.28	0.25	0.23	0.25	11.53	ppb
Lead	208-1	0.28	0.24	0.22	0.25	13.65	ppb
Lithium	6-1				98		%
Magnesium	24-2	16.77	15.22	14.38	15.46	7.86	ppb
Manganese	55-2	0.34	0.33	0.28	0.32	10.89	ppb
Molybdenum	94-1	0.58	0.48	0.44	0.50	14.37	ppb
Molybdenum	95-1	0.59	0.49	0.45	0.51	13.63	ppb
Molybdenum	96-1	0.58	0.48	0.42	0.49	16.43	ppb
Molybdenum	97-1	0.54	0.47	0.42	0.48	11.85	ppb
Molybdenum	98-1	0.58	0.50	0.44	0.51	13.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	25.44	ppb
Phosphorus	31-2	-18.85	-20.72	-19.24	-19.61		ppb
Potassium	39-2	11.72	10.58	11.04	11.11	5.17	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-0.72	-0.43	-0.87	-0.67		ppb
Selenium	77-2	-0.04	0.20	0.20	0.12	113.58	ppb
Selenium	78-2	-0.66	-0.34	-0.83	-0.61		ppb
Silicon	28-1	-3.09	-2.99	-3.07	-3.05		ppb
Silver	107-1	0.12	0.10	0.09	0.10	14.35	ppb
Silver	109-1	0.11	0.09	0.08	0.10	17.85	ppb
Sodium	23-2	22.82	20.13	19.17	20.70	9.15	ppb
Strontium	86-1	0.98	0.99	0.89	0.95	5.50	ppb
Strontium	88-1	1.37	1.06	1.00	1.14	17.03	ppb
Sulfur	34-1	-601.26	-504.39	-512.05	-539.23		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.09	0.10	0.10	9.31	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	9.30	ppb
Tin	118-1	-0.01	-0.01	0.01	0.00		ppb
Titanium	47-1	0.51	0.45	0.47	0.48	6.80	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:20:06	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.04	0.03	0.04	15.62	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	11.36	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	0.40	0.36	0.34	0.36	8.29	ppb
Zirconium	90-1	0.07	0.05	0.06	0.06	13.28	ppb
Zirconium	91-1	0.06	0.07	0.06	0.06	6.61	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ31	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:23:24	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44437.11	43990.17	44198.59	44208.62	0.51	ppb
Antimony	121-1	0.49	0.49	0.49	0.49	0.48	ppb
Arsenic	75-2	175.89	176.88	173.89	175.55	0.87	ppb
Barium	135-1	574.44	578.70	581.93	578.35	0.65	ppb
Barium	137-1	582.11	577.90	574.59	578.20	0.65	ppb
Beryllium	9-1	2.39	2.32	2.32	2.34	1.82	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.28	3.47	3.48	3.41	3.26	ppb
Cadmium	106-1	4.79	5.28	5.38	5.15	6.11	ppb
Cadmium	111-1	2.25	2.38	2.29	2.30	2.86	ppb
Calcium	43-1	13809.32	14075.44	14067.12	13983.96	1.08	ppb
Calcium	44-1	13237.87	13421.11	13521.09	13393.36	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.13	54.77	53.99	54.30	0.76	ppb
Cobalt	59-2	37.53	37.75	37.79	37.69	0.37	ppb
Copper	63-2	147.89	149.21	147.80	148.30	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	101122.91	100867.58	99745.09	100578.53	0.73	ppb
Iron	57-2	98352.38	100315.04	99814.31	99493.91	1.02	ppb
Iron	54-2	100228.33	101279.63	100145.71	100551.22	0.63	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ31	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:23:24	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	130.17	129.57	132.90	130.88	1.36	ppb
Lead	207-1	134.26	132.42	134.54	133.74	0.86	ppb
Lead	208-1	135.08	132.65	134.43	134.05	0.94	ppb
Lithium	6-1				101		%
Magnesium	24-2	14848.17	14813.85	14844.64	14835.55	0.13	ppb
Manganese	55-2	1595.33	1625.45	1599.34	1606.71	1.02	ppb
Molybdenum	94-1	26.77	27.25	27.31	27.11	1.09	ppb
Molybdenum	95-1	0.93	0.96	0.94	0.95	1.37	ppb
Molybdenum	96-1	4.22	4.39	4.36	4.32	2.19	ppb
Molybdenum	97-1	0.94	0.96	0.93	0.94	1.85	ppb
Molybdenum	98-1	0.91	0.94	0.94	0.93	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.64	45.45	45.35	45.48	0.32	ppb
Phosphorus	31-2	1789.95	1772.67	1776.18	1779.60	0.51	ppb
Potassium	39-2	6104.95	6132.28	6134.75	6123.99	0.27	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	1.78	1.26	1.74	1.59	18.23	ppb
Selenium	77-2	16.22	16.60	13.43	15.42	11.21	ppb
Selenium	78-2	3.73	3.03	4.22	3.66	16.36	ppb
Silicon	28-1	165.97	168.32	168.25	167.51	0.80	ppb
Silver	107-1	0.66	0.70	0.70	0.69	3.06	ppb
Silver	109-1	0.67	0.68	0.68	0.67	0.42	ppb
Sodium	23-2	131.38	133.02	133.46	132.62	0.83	ppb
Strontium	86-1	2217.09	2261.62	2240.20	2239.64	0.99	ppb
Strontium	88-1	2274.62	2254.42	2262.66	2263.90	0.45	ppb
Sulfur	34-1	-259.70	-324.48	-342.03	-308.74		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.43	0.42	0.44	0.43	3.26	ppb
Thallium	205-1	0.42	0.42	0.44	0.43	2.99	ppb
Tin	118-1	2.70	2.71	2.74	2.72	0.93	ppb
Titanium	47-1	592.21	599.33	611.02	600.85	1.58	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ31	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:23:24	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.47	1.46	1.48	1.47	0.72	ppb
Vanadium	51-2	176.45	176.85	176.89	176.73	0.14	ppb
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	552.29	559.56	554.59	555.48	0.67	ppb
Zirconium	90-1	14.45	14.71	14.79	14.65	1.23	ppb
Zirconium	91-1	14.55	14.78	14.78	14.70	0.88	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ32	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:26:25	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33612.06	33766.53	33889.28	33755.96	0.41	ppb
Antimony	121-1	0.91	0.92	0.95	0.93	2.15	ppb
Arsenic	75-2	274.52	274.61	278.26	275.80	0.77	ppb
Barium	135-1	407.57	420.00	412.21	413.26	1.52	ppb
Barium	137-1	412.51	419.08	418.19	416.59	0.85	ppb
Beryllium	9-1	1.58	1.59	1.61	1.59	0.77	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.81	3.81	3.49	3.70	5.00	ppb
Cadmium	106-1	5.43	5.53	4.61	5.19	9.73	ppb
Cadmium	111-1	2.89	2.91	2.90	2.90	0.35	ppb
Calcium	43-1	10941.06	11210.64	11086.86	11079.52	1.22	ppb
Calcium	44-1	10623.11	10855.23	10791.48	10756.61	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.56	45.80	45.65	45.67	0.26	ppb
Cobalt	59-2	30.27	30.44	30.32	30.35	0.29	ppb
Copper	63-2	144.64	146.02	146.16	145.60	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	91201.98	91271.64	91291.50	91255.04	0.05	ppb
Iron	57-2	89551.25	90211.08	89901.18	89887.83	0.37	ppb
Iron	54-2	91131.68	91415.06	92167.48	91571.41	0.58	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ32	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:26:25	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	213.91	216.26	213.83	214.67	0.64	ppb
Lead	207-1	218.71	224.83	228.18	223.91	2.15	ppb
Lead	208-1	214.63	220.28	220.89	218.60	1.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	11895.40	11899.59	12072.04	11955.67	0.84	ppb
Manganese	55-2	1102.98	1103.03	1102.59	1102.87	0.02	ppb
Molybdenum	94-1	22.60	23.05	22.98	22.87	1.06	ppb
Molybdenum	95-1	0.93	1.01	0.97	0.97	3.80	ppb
Molybdenum	96-1	3.82	3.85	3.84	3.84	0.44	ppb
Molybdenum	97-1	0.94	0.95	0.94	0.94	0.60	ppb
Molybdenum	98-1	0.94	0.96	0.96	0.95	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.69	34.91	35.05	34.88	0.52	ppb
Phosphorus	31-2	1879.39	1892.05	1878.62	1883.35	0.40	ppb
Potassium	39-2	5374.33	5388.36	5406.09	5389.59	0.30	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	1.83	1.95	1.51	1.76	12.91	ppb
Selenium	77-2	12.98	13.05	16.07	14.03	12.56	ppb
Selenium	78-2	3.10	3.56	3.32	3.33	6.91	ppb
Silicon	28-1	163.03	171.51	164.78	166.44	2.69	ppb
Silver	107-1	1.13	1.15	1.14	1.14	0.86	ppb
Silver	109-1	1.14	1.15	1.14	1.14	0.40	ppb
Sodium	23-2	127.64	127.46	131.95	129.02	1.97	ppb
Strontium	86-1	1755.26	1790.44	1776.92	1774.21	1.00	ppb
Strontium	88-1	1767.81	1794.93	1800.82	1787.85	0.98	ppb
Sulfur	34-1	487.84	576.53	493.25	519.21	9.57	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.37	0.38	0.37	0.38	0.80	ppb
Thallium	205-1	0.37	0.37	0.36	0.37	0.95	ppb
Tin	118-1	6.17	6.33	6.31	6.27	1.38	ppb
Titanium	47-1	706.09	722.02	708.28	712.13	1.21	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ32	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:26:25	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.11	1.14	1.14	1.13	1.63	ppb
Vanadium	51-2	153.30	152.54	152.87	152.90	0.25	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	844.47	855.50	852.99	850.99	0.68	ppb
Zirconium	90-1	12.18	12.33	12.24	12.25	0.61	ppb
Zirconium	91-1	12.32	12.43	12.36	12.37	0.46	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ33	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:29:28	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29798.44	29705.81	29912.00	29805.42	0.35	ppb
Antimony	121-1	0.70	0.70	0.70	0.70	0.28	ppb
Arsenic	75-2	175.25	175.48	173.73	174.82	0.55	ppb
Barium	135-1	352.41	352.35	353.00	352.59	0.10	ppb
Barium	137-1	363.24	363.67	360.77	362.56	0.43	ppb
Beryllium	9-1	1.40	1.48	1.52	1.47	4.22	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.89	3.07	2.58	2.85	8.74	ppb
Cadmium	106-1	3.80	3.13	2.82	3.25	15.37	ppb
Cadmium	111-1	1.85	1.87	1.86	1.86	0.37	ppb
Calcium	43-1	10427.70	10469.65	10514.17	10470.50	0.41	ppb
Calcium	44-1	9951.67	10019.60	10109.31	10026.86	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.62	40.55	40.90	40.69	0.46	ppb
Cobalt	59-2	30.64	30.67	30.68	30.66	0.06	ppb
Copper	63-2	104.56	104.99	105.70	105.09	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	79517.57	79550.41	79737.07	79601.68	0.15	ppb
Iron	57-2	78788.25	77570.62	78941.96	78433.61	0.96	ppb
Iron	54-2	79814.52	78808.36	80493.27	79705.38	1.06	ppb
Krypton	83-1						cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ33	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:29:28	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	136.91	142.10	138.05	139.02	1.96	ppb
Lead	207-1	141.13	143.25	143.35	142.58	0.88	ppb
Lead	208-1	142.08	144.02	144.00	143.37	0.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	11222.79	11380.81	11352.77	11318.79	0.74	ppb
Manganese	55-2	1142.25	1134.54	1153.35	1143.38	0.83	ppb
Molybdenum	94-1	21.79	22.07	21.83	21.89	0.68	ppb
Molybdenum	95-1	0.81	0.82	0.80	0.81	1.39	ppb
Molybdenum	96-1	3.55	3.55	3.46	3.52	1.46	ppb
Molybdenum	97-1	0.78	0.76	0.79	0.77	1.83	ppb
Molybdenum	98-1	0.78	0.77	0.76	0.77	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.07	32.74	33.11	32.97	0.63	ppb
Phosphorus	31-2	1661.37	1670.29	1644.49	1658.72	0.79	ppb
Potassium	39-2	5574.27	5537.72	5561.78	5557.92	0.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	1.11	0.95	0.39	0.82	46.32	ppb
Selenium	77-2	12.75	11.62	11.56	11.97	5.59	ppb
Selenium	78-2	2.09	1.63	2.62	2.11	23.53	ppb
Silicon	28-1	135.13	134.85	136.29	135.42	0.56	ppb
Silver	107-1	0.75	0.75	0.75	0.75	0.41	ppb
Silver	109-1	0.72	0.75	0.74	0.74	1.58	ppb
Sodium	23-2	107.71	107.14	108.52	107.79	0.64	ppb
Strontium	86-1	1608.50	1615.38	1637.25	1620.38	0.93	ppb
Strontium	88-1	1619.89	1646.13	1657.67	1641.23	1.18	ppb
Sulfur	34-1	-605.30	-616.73	-628.47	-616.83		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.34	0.33	0.33	0.33	1.53	ppb
Thallium	205-1	0.32	0.33	0.33	0.32	0.30	ppb
Tin	118-1	4.15	4.53	4.23	4.31	4.57	ppb
Titanium	47-1	586.71	590.74	602.46	593.30	1.38	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ33	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:29:28	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.01	1.01	1.01	0.61	ppb
Vanadium	51-2	142.07	141.43	142.56	142.02	0.40	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	525.22	518.94	523.17	522.45	0.61	ppb
Zirconium	90-1	11.76	11.78	11.96	11.83	0.95	ppb
Zirconium	91-1	11.82	12.00	12.11	11.97	1.20	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ34	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:32:31	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34380.24	34284.43	34221.33	34295.33	0.23	ppb
Antimony	121-1	0.80	0.87	0.87	0.85	5.13	ppb
Arsenic	75-2	245.45	246.36	244.45	245.42	0.39	ppb
Barium	135-1	350.87	369.88	372.07	364.27	3.20	ppb
Barium	137-1	356.33	382.44	379.03	372.60	3.81	ppb
Beryllium	9-1	1.49	1.67	1.57	1.58	5.80	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.25	3.46	3.80	3.50	7.89	ppb
Cadmium	106-1	3.87	4.48	4.28	4.21	7.38	ppb
Cadmium	111-1	2.58	2.81	2.80	2.73	4.77	ppb
Calcium	43-1	11268.64	11928.66	11919.53	11705.61	3.23	ppb
Calcium	44-1	10853.23	11500.17	11511.84	11288.41	3.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.71	48.98	48.81	48.84	0.28	ppb
Cobalt	59-2	33.26	33.53	33.24	33.34	0.48	ppb
Copper	63-2	117.23	118.47	118.44	118.05	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	90736.23	90531.95	90941.27	90736.49	0.23	ppb
Iron	57-2	89034.55	88823.35	89237.53	89031.81	0.23	ppb
Iron	54-2	90573.71	91187.89	90984.46	90915.35	0.34	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ34	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:32:31	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	178.66	184.88	190.08	184.54	3.10	ppb
Lead	207-1	187.37	197.28	201.24	195.29	3.66	ppb
Lead	208-1	180.77	192.56	195.26	189.53	4.07	ppb
Lithium	6-1				101		%
Magnesium	24-2	13101.11	13022.40	13162.77	13095.42	0.54	ppb
Manganese	55-2	1249.54	1239.11	1222.60	1237.08	1.10	ppb
Molybdenum	94-1	21.63	22.81	22.71	22.38	2.93	ppb
Molybdenum	95-1	0.95	1.00	1.03	0.99	3.79	ppb
Molybdenum	96-1	3.67	3.89	3.85	3.80	3.14	ppb
Molybdenum	97-1	0.94	0.96	0.99	0.96	2.83	ppb
Molybdenum	98-1	0.94	0.98	0.96	0.96	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.36	36.08	35.99	36.14	0.53	ppb
Phosphorus	31-2	2026.06	2059.49	2074.07	2053.20	1.20	ppb
Potassium	39-2	6121.49	6082.77	6059.35	6087.87	0.52	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	1.07	1.57	1.44	1.36	19.08	ppb
Selenium	77-2	13.89	13.45	13.65	13.66	1.60	ppb
Selenium	78-2	4.09	2.57	3.88	3.51	23.37	ppb
Silicon	28-1	163.68	171.80	172.42	169.30	2.88	ppb
Silver	107-1	0.98	1.04	1.05	1.02	3.83	ppb
Silver	109-1	0.96	1.06	1.04	1.02	4.97	ppb
Sodium	23-2	129.00	129.91	129.30	129.40	0.36	ppb
Strontium	86-1	1627.26	1735.93	1733.41	1698.87	3.65	ppb
Strontium	88-1	1652.96	1766.13	1769.64	1729.58	3.84	ppb
Sulfur	34-1	-109.56	47.72	66.25	1.47	6566.33	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.34	0.36	0.36	0.36	3.57	ppb
Thallium	205-1	0.34	0.36	0.37	0.36	4.03	ppb
Tin	118-1	10.04	10.83	10.71	10.52	4.06	ppb
Titanium	47-1	670.03	701.79	719.68	697.17	3.61	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ34	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:32:31	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	1.03	1.05	1.02	3.38	ppb
Vanadium	51-2	151.61	152.09	152.23	151.98	0.21	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	740.53	747.58	749.24	745.79	0.62	ppb
Zirconium	90-1	11.46	12.28	12.11	11.95	3.64	ppb
Zirconium	91-1	11.66	12.30	12.39	12.11	3.27	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ35	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:35:35	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30634.98	30657.95	30514.36	30602.43	0.25	ppb
Antimony	121-1	0.96	1.00	1.02	0.99	3.02	ppb
Arsenic	75-2	283.03	283.18	277.74	281.32	1.10	ppb
Barium	135-1	331.98	341.56	343.00	338.84	1.77	ppb
Barium	137-1	338.37	350.42	346.06	344.95	1.77	ppb
Beryllium	9-1	1.55	1.54	1.45	1.51	3.72	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.25	3.62	3.72	3.53	7.01	ppb
Cadmium	106-1	4.75	4.06	4.08	4.30	9.10	ppb
Cadmium	111-1	2.93	2.90	3.00	2.94	1.85	ppb
Calcium	43-1	10647.53	10936.72	10840.19	10808.15	1.36	ppb
Calcium	44-1	10227.71	10527.25	10445.27	10400.08	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.89	44.74	44.72	44.78	0.21	ppb
Cobalt	59-2	34.16	34.20	34.24	34.20	0.11	ppb
Copper	63-2	119.16	119.57	119.93	119.55	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	85877.66	86216.65	85859.78	85984.69	0.23	ppb
Iron	57-2	83986.07	84548.07	85221.15	84585.10	0.73	ppb
Iron	54-2	86196.95	86429.97	86115.29	86247.40	0.19	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ35	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:35:35	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	208.99	215.54	218.26	214.26	2.22	ppb
Lead	207-1	222.31	230.05	234.95	229.10	2.78	ppb
Lead	208-1	214.32	222.82	220.80	219.31	2.02	ppb
Lithium	6-1				99		%
Magnesium	24-2	12028.33	12102.89	12042.84	12058.02	0.33	ppb
Manganese	55-2	1055.79	1050.63	1056.38	1054.26	0.30	ppb
Molybdenum	94-1	21.14	21.40	21.69	21.41	1.29	ppb
Molybdenum	95-1	0.91	0.95	0.94	0.93	2.03	ppb
Molybdenum	96-1	3.64	3.62	3.66	3.64	0.60	ppb
Molybdenum	97-1	0.92	0.98	0.98	0.96	4.04	ppb
Molybdenum	98-1	0.92	0.95	0.93	0.93	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.74	34.41	34.36	34.51	0.60	ppb
Phosphorus	31-2	2071.53	2058.41	2076.31	2068.75	0.45	ppb
Potassium	39-2	5721.55	5719.08	5757.03	5732.55	0.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1.77	2.23	2.43	2.14	15.59	ppb
Selenium	77-2	13.50	14.22	9.20	12.31	22.06	ppb
Selenium	78-2	3.54	4.53	4.40	4.16	13.02	ppb
Silicon	28-1	115.29	121.93	118.49	118.57	2.80	ppb
Silver	107-1	1.17	1.20	1.24	1.20	2.75	ppb
Silver	109-1	1.18	1.22	1.20	1.20	1.50	ppb
Sodium	23-2	138.18	136.54	138.03	137.58	0.66	ppb
Strontium	86-1	1599.65	1632.14	1635.11	1622.30	1.21	ppb
Strontium	88-1	1612.63	1659.66	1644.29	1638.86	1.46	ppb
Sulfur	34-1	-198.19	-45.33	-130.98	-124.83		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.51	0.54	0.54	0.53	2.83	ppb
Thallium	205-1	0.52	0.52	0.53	0.52	1.22	ppb
Tin	118-1	4.40	4.65	4.62	4.56	2.98	ppb
Titanium	47-1	647.06	663.52	652.04	654.21	1.29	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ35	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:35:35	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.92	0.94	0.92	2.73	ppb
Vanadium	51-2	147.28	146.12	147.01	146.80	0.41	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	779.93	782.43	781.78	781.38	0.17	ppb
Zirconium	90-1	11.11	11.42	11.49	11.34	1.76	ppb
Zirconium	91-1	11.45	11.56	11.76	11.59	1.33	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ36	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:38:37	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29108.31	29024.62	28789.96	28974.30	0.57	ppb
Antimony	121-1	0.68	0.71	0.73	0.71	3.03	ppb
Arsenic	75-2	153.68	153.46	152.56	153.23	0.39	ppb
Barium	135-1	474.04	486.52	484.57	481.71	1.39	ppb
Barium	137-1	475.39	477.52	484.60	479.17	1.01	ppb
Beryllium	9-1	1.36	1.46	1.38	1.40	3.80	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.38	2.78	2.66	2.61	7.84	ppb
Cadmium	106-1	2.97	2.41	2.43	2.60	12.32	ppb
Cadmium	111-1	1.77	1.67	1.71	1.72	2.82	ppb
Calcium	43-1	10186.87	10623.75	10482.17	10430.93	2.14	ppb
Calcium	44-1	9902.36	10215.25	10119.21	10078.94	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.84	42.35	42.27	42.49	0.73	ppb
Cobalt	59-2	28.82	28.76	28.55	28.71	0.50	ppb
Copper	63-2	104.60	104.59	103.64	104.28	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	76050.08	75787.69	75330.23	75722.67	0.48	ppb
Iron	57-2	74699.82	74589.94	74095.03	74461.60	0.43	ppb
Iron	54-2	76021.76	75474.18	74971.30	75489.08	0.70	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ36	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:38:37	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	113.08	116.66	115.73	115.16	1.61	ppb
Lead	207-1	117.78	120.56	120.82	119.72	1.41	ppb
Lead	208-1	117.30	120.90	119.02	119.07	1.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	11310.41	11389.32	11243.20	11314.31	0.65	ppb
Manganese	55-2	1646.70	1629.84	1628.44	1635.00	0.62	ppb
Molybdenum	94-1	19.66	20.03	20.06	19.91	1.12	ppb
Molybdenum	95-1	1.37	1.37	1.42	1.39	1.96	ppb
Molybdenum	96-1	3.83	3.88	3.91	3.87	1.04	ppb
Molybdenum	97-1	1.39	1.46	1.45	1.43	2.78	ppb
Molybdenum	98-1	1.37	1.41	1.40	1.40	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.12	35.18	34.63	34.98	0.86	ppb
Phosphorus	31-2	1689.04	1673.54	1680.56	1681.04	0.46	ppb
Potassium	39-2	5615.60	5542.52	5543.29	5567.14	0.75	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1.14	0.96	1.25	1.12	13.03	ppb
Selenium	77-2	15.63	10.74	10.96	12.44	22.18	ppb
Selenium	78-2	2.92	3.49	3.43	3.28	9.49	ppb
Silicon	28-1	138.06	142.27	142.48	140.94	1.77	ppb
Silver	107-1	0.51	0.52	0.56	0.53	5.38	ppb
Silver	109-1	0.52	0.52	0.52	0.52	0.20	ppb
Sodium	23-2	108.99	109.06	106.41	108.15	1.40	ppb
Strontium	86-1	1515.26	1562.88	1561.48	1546.54	1.75	ppb
Strontium	88-1	1541.96	1570.06	1565.02	1559.01	0.96	ppb
Sulfur	34-1	-632.35	-538.44	-589.14	-586.64		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.31	0.33	0.32	5.00	ppb
Thallium	205-1	0.30	0.31	0.31	0.31	1.10	ppb
Tin	118-1	2.89	2.97	2.99	2.95	1.91	ppb
Titanium	47-1	660.82	699.15	686.15	682.04	2.86	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ36	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:38:37	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.01	1.03	1.01	2.19	ppb
Vanadium	51-2	131.86	131.79	130.23	131.29	0.70	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	491.52	486.52	484.06	487.37	0.78	ppb
Zirconium	90-1	10.26	10.51	10.58	10.45	1.64	ppb
Zirconium	91-1	10.33	10.62	10.76	10.57	2.08	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ37	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:41:41	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28677.09	28715.38	28804.22	28732.23	0.23	ppb
Antimony	121-1	0.58	0.58	0.60	0.59	1.22	ppb
Arsenic	75-2	71.10	70.06	71.04	70.73	0.83	ppb
Barium	135-1	365.79	363.96	367.73	365.82	0.52	ppb
Barium	137-1	371.32	370.91	368.46	370.23	0.42	ppb
Beryllium	9-1	1.38	1.46	1.44	1.43	2.87	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.65	2.83	2.75	2.74	3.24	ppb
Cadmium	106-1	4.39	3.33	3.20	3.64	17.97	ppb
Cadmium	111-1	2.04	1.97	1.97	1.99	2.04	ppb
Calcium	43-1	24534.23	24906.28	24765.26	24735.26	0.76	ppb
Calcium	44-1	23684.50	23881.57	23747.38	23771.15	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.89	50.26	50.40	50.18	0.52	ppb
Cobalt	59-2	31.09	30.79	30.85	30.91	0.52	ppb
Copper	63-2	183.29	183.09	183.36	183.25	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	69036.34	69233.32	69854.53	69374.73	0.62	ppb
Iron	57-2	68076.78	68857.00	68160.58	68364.79	0.63	ppb
Iron	54-2	69308.00	69178.59	69688.16	69391.58	0.38	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ37	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:41:41	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	138.00	140.10	137.47	138.52	1.00	ppb
Lead	207-1	139.76	139.06	138.96	139.26	0.31	ppb
Lead	208-1	139.86	139.63	140.02	139.84	0.14	ppb
Lithium	6-1				98		%
Magnesium	24-2	15012.69	14861.71	15140.23	15004.88	0.93	ppb
Manganese	55-2	1404.12	1410.84	1431.85	1415.60	1.02	ppb
Molybdenum	94-1	22.57	23.10	22.43	22.70	1.57	ppb
Molybdenum	95-1	0.70	0.68	0.62	0.67	5.76	ppb
Molybdenum	96-1	3.43	3.46	3.42	3.44	0.64	ppb
Molybdenum	97-1	0.68	0.69	0.66	0.67	2.06	ppb
Molybdenum	98-1	0.67	0.66	0.68	0.67	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.63	44.77	44.96	44.79	0.38	ppb
Phosphorus	31-2	2700.23	2620.86	2706.78	2675.96	1.79	ppb
Potassium	39-2	7352.72	7295.04	7435.46	7361.07	0.96	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.42	0.51	0.71	0.55	27.88	ppb
Selenium	77-2	11.63	13.00	12.76	12.46	5.88	ppb
Selenium	78-2	2.34	2.38	2.31	2.35	1.38	ppb
Silicon	28-1	154.25	158.02	155.99	156.09	1.21	ppb
Silver	107-1	0.75	0.75	0.76	0.75	0.51	ppb
Silver	109-1	0.72	0.75	0.74	0.73	2.12	ppb
Sodium	23-2	102.09	101.62	103.57	102.43	0.99	ppb
Strontium	86-1	2296.88	2320.81	2305.44	2307.71	0.53	ppb
Strontium	88-1	2301.45	2317.94	2290.81	2303.40	0.59	ppb
Sulfur	34-1	-435.81	-384.78	-343.63	-388.07		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.30	0.30	0.31	0.30	1.95	ppb
Thallium	205-1	0.30	0.29	0.30	0.30	2.04	ppb
Tin	118-1	3.97	3.88	4.00	3.95	1.59	ppb
Titanium	47-1	489.61	495.82	494.28	493.24	0.66	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ37	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:41:41	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.78	0.78	0.79	1.46	ppb
Vanadium	51-2	111.28	111.31	112.91	111.83	0.83	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	403.06	403.72	407.09	404.62	0.53	ppb
Zirconium	90-1	12.21	12.36	12.20	12.26	0.75	ppb
Zirconium	91-1	12.32	12.53	12.43	12.43	0.86	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ39	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:44:44	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27748.35	27597.82	27708.15	27684.77	0.28	ppb
Antimony	121-1	0.19	0.19	0.19	0.19	1.52	ppb
Arsenic	75-2	63.46	64.02	65.02	64.17	1.23	ppb
Barium	135-1	412.61	437.77	443.73	431.37	3.83	ppb
Barium	137-1	423.48	433.91	447.14	434.84	2.73	ppb
Beryllium	9-1	1.19	1.29	1.31	1.26	5.23	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.72	2.81	2.82	2.78	1.92	ppb
Cadmium	106-1	4.37	3.74	3.83	3.98	8.61	ppb
Cadmium	111-1	1.74	1.80	1.79	1.78	1.77	ppb
Calcium	43-1	23895.33	25005.42	24835.33	24578.69	2.43	ppb
Calcium	44-1	22959.97	24301.20	24201.53	23820.90	3.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.67	42.27	43.05	42.66	0.92	ppb
Cobalt	59-2	26.75	26.58	26.72	26.68	0.34	ppb
Copper	63-2	103.71	103.61	103.58	103.63	0.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	47431.94	47054.37	47345.40	47277.24	0.42	ppb
Iron	57-2	46946.28	46274.66	46685.06	46635.34	0.73	ppb
Iron	54-2	47661.55	47434.23	47334.82	47476.87	0.35	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ39	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:44:44	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	106.28	113.47	114.84	111.53	4.12	ppb
Lead	207-1	107.91	115.71	116.75	113.46	4.26	ppb
Lead	208-1	109.23	115.04	117.63	113.97	3.77	ppb
Lithium	6-1				100		%
Magnesium	24-2	15401.36	15379.96	15425.85	15402.39	0.15	ppb
Manganese	55-2	1567.23	1535.88	1550.58	1551.23	1.01	ppb
Molybdenum	94-1	25.69	27.41	27.58	26.89	3.90	ppb
Molybdenum	95-1	0.32	0.32	0.34	0.33	2.95	ppb
Molybdenum	96-1	3.29	3.46	3.52	3.43	3.41	ppb
Molybdenum	97-1	0.32	0.33	0.32	0.32	0.86	ppb
Molybdenum	98-1	0.30	0.32	0.32	0.31	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.60	42.60	42.91	42.70	0.42	ppb
Phosphorus	31-2	2552.38	2503.94	2529.70	2528.67	0.96	ppb
Potassium	39-2	6447.98	6458.15	6452.91	6453.01	0.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.39	0.37	0.40	0.39	4.68	ppb
Selenium	77-2	11.45	12.35	12.79	12.20	5.59	ppb
Selenium	78-2	1.89	2.44	2.56	2.30	15.44	ppb
Silicon	28-1	116.02	122.25	121.69	119.99	2.87	ppb
Silver	107-1	0.44	0.47	0.47	0.46	3.67	ppb
Silver	109-1	0.43	0.45	0.47	0.45	4.91	ppb
Sodium	23-2	80.19	81.02	81.93	81.04	1.08	ppb
Strontium	86-1	2757.08	2926.26	2921.33	2868.22	3.36	ppb
Strontium	88-1	2810.64	2933.56	2934.73	2892.98	2.46	ppb
Sulfur	34-1	47.20	359.54	387.53	264.75	71.36	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.28	0.29	0.29	0.29	2.16	ppb
Thallium	205-1	0.27	0.29	0.30	0.29	4.43	ppb
Tin	118-1	0.33	0.28	0.34	0.32	10.62	ppb
Titanium	47-1	372.30	389.93	391.89	384.71	2.80	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ39	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:44:44	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.65	0.65	0.64	5.00	ppb
Vanadium	51-2	74.20	73.91	74.21	74.11	0.22	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	415.63	415.14	413.24	414.67	0.30	ppb
Zirconium	90-1	14.17	14.96	15.03	14.72	3.24	ppb
Zirconium	91-1	14.33	15.14	15.10	14.86	3.07	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ40	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:47:49	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27483.55	27781.31	28103.45	27789.44	1.12	ppb
Antimony	121-1	0.19	0.20	0.21	0.20	4.46	ppb
Arsenic	75-2	49.33	49.44	50.92	49.90	1.78	ppb
Barium	135-1	430.72	431.78	436.82	433.11	0.75	ppb
Barium	137-1	432.64	436.86	434.45	434.65	0.49	ppb
Beryllium	9-1	1.35	1.26	1.35	1.32	3.74	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.22	2.63	2.68	2.51	10.06	ppb
Cadmium	106-1	4.09	4.02	4.09	4.07	1.08	ppb
Cadmium	111-1	1.66	1.67	1.74	1.69	2.41	ppb
Calcium	43-1	27088.78	26807.77	27356.84	27084.46	1.01	ppb
Calcium	44-1	26816.39	27024.04	26909.85	26916.76	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.27	42.25	42.26	42.26	0.03	ppb
Cobalt	59-2	27.38	27.27	27.17	27.27	0.39	ppb
Copper	63-2	118.77	118.94	118.12	118.61	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	49573.80	49419.63	49649.14	49547.52	0.24	ppb
Iron	57-2	48524.62	48790.84	48646.08	48653.85	0.27	ppb
Iron	54-2	49311.46	49696.21	49790.23	49599.30	0.51	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ40	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:47:49	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	194.57	194.27	195.82	194.89	0.42	ppb
Lead	207-1	192.85	192.26	196.73	193.94	1.25	ppb
Lead	208-1	191.61	189.92	190.70	190.75	0.44	ppb
Lithium	6-1				98		%
Magnesium	24-2	15319.82	15391.36	15276.44	15329.21	0.38	ppb
Manganese	55-2	1428.76	1447.10	1440.36	1438.74	0.64	ppb
Molybdenum	94-1	26.49	27.16	26.90	26.85	1.26	ppb
Molybdenum	95-1	0.34	0.36	0.38	0.36	4.78	ppb
Molybdenum	96-1	3.38	3.53	3.49	3.47	2.28	ppb
Molybdenum	97-1	0.33	0.37	0.32	0.34	7.63	ppb
Molybdenum	98-1	0.31	0.34	0.34	0.33	5.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.55	43.36	43.07	43.33	0.56	ppb
Phosphorus	31-2	2518.45	2512.30	2492.05	2507.60	0.55	ppb
Potassium	39-2	7227.14	7306.80	7290.75	7274.90	0.58	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.51	0.24	0.18	0.31	57.94	ppb
Selenium	77-2	12.41	14.27	13.30	13.33	6.99	ppb
Selenium	78-2	2.21	1.98	2.38	2.19	9.09	ppb
Silicon	28-1	130.14	129.67	127.28	129.03	1.19	ppb
Silver	107-1	0.47	0.46	0.47	0.47	1.45	ppb
Silver	109-1	0.47	0.47	0.46	0.47	1.04	ppb
Sodium	23-2	87.14	89.07	86.86	87.69	1.37	ppb
Strontium	86-1	2581.43	2633.35	2599.65	2604.81	1.01	ppb
Strontium	88-1	2604.54	2651.74	2592.46	2616.25	1.20	ppb
Sulfur	34-1	-378.49	-266.49	-248.36	-297.78		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.28	0.27	0.27	0.27	0.81	ppb
Thallium	205-1	0.27	0.27	0.27	0.27	0.98	ppb
Tin	118-1	1.03	0.92	0.90	0.95	7.22	ppb
Titanium	47-1	334.43	338.72	337.66	336.94	0.66	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ40	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:47:49	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.64	0.64	0.65	1.02	ppb
Vanadium	51-2	76.98	76.41	76.39	76.59	0.44	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	370.37	368.86	370.09	369.77	0.22	ppb
Zirconium	90-1	14.59	15.01	14.83	14.81	1.42	ppb
Zirconium	91-1	14.73	15.19	14.99	14.97	1.57	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ41	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:50:50	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27026.44	27010.98	27229.53	27088.98	0.45	ppb
Antimony	121-1	0.22	0.22	0.23	0.22	2.50	ppb
Arsenic	75-2	75.75	76.43	74.90	75.69	1.01	ppb
Barium	135-1	366.66	364.60	371.78	367.68	1.01	ppb
Barium	137-1	379.46	374.56	380.92	378.31	0.88	ppb
Beryllium	9-1	1.24	1.19	1.20	1.21	2.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.26	2.76	3.09	3.04	8.38	ppb
Cadmium	106-1	4.66	4.47	4.35	4.49	3.45	ppb
Cadmium	111-1	2.34	2.41	2.44	2.40	2.11	ppb
Calcium	43-1	37267.95	37512.08	37152.14	37310.72	0.49	ppb
Calcium	44-1	37234.35	37491.03	37289.59	37338.32	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.82	37.71	37.91	37.81	0.26	ppb
Cobalt	59-2	26.71	26.65	26.61	26.66	0.20	ppb
Copper	63-2	158.60	157.35	157.47	157.80	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	50379.34	50560.37	50363.08	50434.26	0.22	ppb
Iron	57-2	49792.03	49371.59	49154.50	49439.38	0.66	ppb
Iron	54-2	50634.61	50480.91	50207.30	50440.94	0.43	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ41	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:50:50	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	161.60	162.05	165.83	163.16	1.42	ppb
Lead	207-1	165.84	167.22	170.80	167.95	1.53	ppb
Lead	208-1	163.17	163.94	166.71	164.61	1.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	15789.00	15939.60	15946.60	15891.73	0.56	ppb
Manganese	55-2	1551.26	1575.15	1558.64	1561.69	0.78	ppb
Molybdenum	94-1	21.93	21.99	22.00	21.97	0.17	ppb
Molybdenum	95-1	0.46	0.46	0.47	0.47	1.35	ppb
Molybdenum	96-1	3.01	3.07	3.06	3.05	0.93	ppb
Molybdenum	97-1	0.45	0.46	0.47	0.46	2.46	ppb
Molybdenum	98-1	0.45	0.46	0.45	0.45	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.27	44.79	43.89	44.31	1.02	ppb
Phosphorus	31-2	2965.85	2947.76	2915.62	2943.08	0.86	ppb
Potassium	39-2	5243.17	5229.07	5213.02	5228.42	0.29	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.49	0.74	0.65	0.62	20.58	ppb
Selenium	77-2	12.49	12.46	12.45	12.47	0.15	ppb
Selenium	78-2	2.38	2.38	2.78	2.52	9.02	ppb
Silicon	28-1	108.10	108.48	107.75	108.11	0.34	ppb
Silver	107-1	0.69	0.69	0.71	0.70	1.24	ppb
Silver	109-1	0.71	0.69	0.72	0.71	2.54	ppb
Sodium	23-2	85.17	87.27	85.67	86.04	1.27	ppb
Strontium	86-1	2220.05	2242.42	2244.05	2235.51	0.60	ppb
Strontium	88-1	2249.15	2277.23	2249.95	2258.78	0.71	ppb
Sulfur	34-1	893.14	1052.63	1085.54	1010.44	10.18	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.29	0.28	0.29	0.29	1.94	ppb
Thallium	205-1	0.28	0.29	0.29	0.29	1.85	ppb
Tin	118-1	1.21	1.15	1.10	1.16	4.74	ppb
Titanium	47-1	795.67	806.43	791.93	798.01	0.94	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ41	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:50:50	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.65	0.66	0.65	0.50	ppb
Vanadium	51-2	77.03	77.40	76.86	77.10	0.36	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	505.02	506.09	505.69	505.60	0.11	ppb
Zirconium	90-1	11.85	12.02	11.97	11.95	0.75	ppb
Zirconium	91-1	12.02	11.98	11.99	11.99	0.16	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ42	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:53:53	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23472.07	23341.62	22931.22	23248.30	1.21	ppb
Antimony	121-1	0.25	0.24	0.25	0.25	3.04	ppb
Arsenic	75-2	49.18	48.70	49.55	49.14	0.87	ppb
Barium	135-1	360.27	362.73	364.61	362.54	0.60	ppb
Barium	137-1	367.20	375.47	370.97	371.21	1.12	ppb
Beryllium	9-1	1.04	1.06	1.11	1.07	3.48	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.31	2.42	2.38	2.37	2.32	ppb
Cadmium	106-1	3.45	2.85	2.84	3.05	11.42	ppb
Cadmium	111-1	1.67	1.63	1.67	1.66	1.60	ppb
Calcium	43-1	18244.22	18026.41	18360.05	18210.23	0.93	ppb
Calcium	44-1	17468.39	17315.79	17558.91	17447.70	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.32	33.08	33.40	33.27	0.51	ppb
Cobalt	59-2	23.31	23.01	23.10	23.14	0.65	ppb
Copper	63-2	113.31	113.14	112.15	112.87	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	43334.09	42900.73	42672.99	42969.27	0.78	ppb
Iron	57-2	42425.54	42143.44	41648.13	42072.37	0.94	ppb
Iron	54-2	43120.24	42944.32	42707.97	42924.18	0.48	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ42	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:53:53	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	127.07	130.42	130.33	129.27	1.48	ppb
Lead	207-1	127.29	131.04	129.31	129.21	1.45	ppb
Lead	208-1	128.58	132.21	130.83	130.54	1.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	12893.33	12908.83	12769.52	12857.23	0.59	ppb
Manganese	55-2	1360.22	1344.71	1350.78	1351.90	0.58	ppb
Molybdenum	94-1	22.24	22.34	22.11	22.23	0.53	ppb
Molybdenum	95-1	0.46	0.43	0.42	0.44	4.04	ppb
Molybdenum	96-1	2.98	3.03	3.02	3.01	0.95	ppb
Molybdenum	97-1	0.42	0.41	0.42	0.41	1.53	ppb
Molybdenum	98-1	0.41	0.39	0.41	0.41	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.50	35.78	35.92	36.07	1.06	ppb
Phosphorus	31-2	2451.32	2464.09	2405.45	2440.29	1.26	ppb
Potassium	39-2	6829.98	6716.60	6742.13	6762.90	0.88	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.40	-0.30	-0.60	-0.17		ppb
Selenium	77-2	11.30	10.72	10.74	10.92	3.03	ppb
Selenium	78-2	2.59	2.51	2.50	2.53	1.98	ppb
Silicon	28-1	145.21	116.13	117.70	126.35	12.94	ppb
Silver	107-1	0.45	0.45	0.44	0.45	1.18	ppb
Silver	109-1	0.44	0.46	0.44	0.45	1.95	ppb
Sodium	23-2	97.27	95.11	95.22	95.86	1.27	ppb
Strontium	86-1	2148.38	2146.00	2156.04	2150.14	0.24	ppb
Strontium	88-1	2170.02	2161.38	2186.88	2172.76	0.60	ppb
Sulfur	34-1	-11.77	-124.80	-101.89	-79.49		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.27	0.28	0.27	0.27	1.81	ppb
Thallium	205-1	0.26	0.27	0.26	0.26	3.02	ppb
Tin	118-1	1.00	1.03	0.99	1.01	1.90	ppb
Titanium	47-1	481.60	473.82	482.34	479.25	0.99	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ42	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:53:53	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.59	0.59	0.59	0.44	ppb
Vanadium	51-2	68.57	67.76	67.22	67.85	1.00	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	355.52	353.34	349.15	352.67	0.92	ppb
Zirconium	90-1	12.13	12.21	12.22	12.19	0.40	ppb
Zirconium	91-1	12.40	12.07	12.33	12.27	1.40	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ43	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:56:58	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28036.73	27896.90	27614.48	27849.37	0.77	ppb
Antimony	121-1	0.18	0.18	0.19	0.18	4.37	ppb
Arsenic	75-2	566.92	567.85	573.06	569.27	0.58	ppb
Barium	135-1	404.98	411.49	420.66	412.38	1.91	ppb
Barium	137-1	414.46	411.38	411.98	412.61	0.39	ppb
Beryllium	9-1	1.31	1.34	1.31	1.32	1.16	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.23	2.68	2.64	2.52	9.82	ppb
Cadmium	106-1	3.76	3.01	3.05	3.27	12.97	ppb
Cadmium	111-1	1.60	1.64	1.62	1.62	1.06	ppb
Calcium	43-1	27640.87	28113.22	28602.21	28118.77	1.71	ppb
Calcium	44-1	27133.72	27926.79	28026.43	27695.65	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.30	41.47	41.34	41.37	0.22	ppb
Cobalt	59-2	27.24	27.35	27.36	27.31	0.25	ppb
Copper	63-2	103.61	104.08	103.77	103.82	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	50777.16	50559.98	49989.60	50442.25	0.81	ppb
Iron	57-2	48846.34	49414.51	49309.34	49190.07	0.61	ppb
Iron	54-2	50525.42	50206.13	50221.03	50317.53	0.36	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ43	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:56:58	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	133.98	140.73	139.44	138.05	2.60	ppb
Lead	207-1	138.63	145.57	144.20	142.80	2.57	ppb
Lead	208-1	138.94	144.57	143.08	142.19	2.05	ppb
Lithium	6-1				97		%
Magnesium	24-2	15592.59	15512.46	15505.46	15536.83	0.31	ppb
Manganese	55-2	1516.42	1507.74	1503.23	1509.13	0.44	ppb
Molybdenum	94-1	21.74	22.34	22.50	22.19	1.80	ppb
Molybdenum	95-1	0.35	0.34	0.36	0.35	2.24	ppb
Molybdenum	96-1	2.89	3.07	2.93	2.96	3.16	ppb
Molybdenum	97-1	0.32	0.35	0.33	0.33	5.02	ppb
Molybdenum	98-1	0.34	0.33	0.33	0.33	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.28	43.95	44.21	44.15	0.39	ppb
Phosphorus	31-2	2560.67	2537.50	2508.59	2535.58	1.03	ppb
Potassium	39-2	5131.94	5116.15	5059.57	5102.55	0.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.12	0.30	-0.13	0.09	231.47	ppb
Selenium	77-2	12.81	13.69	10.74	12.41	12.22	ppb
Selenium	78-2	1.64	3.10	2.51	2.42	30.30	ppb
Silicon	28-1	128.05	129.68	133.02	130.25	1.95	ppb
Silver	107-1	0.39	0.41	0.40	0.40	2.76	ppb
Silver	109-1	0.40	0.38	0.40	0.39	2.85	ppb
Sodium	23-2	83.10	83.07	84.71	83.63	1.12	ppb
Strontium	86-1	2501.23	2567.12	2587.72	2552.02	1.77	ppb
Strontium	88-1	2519.61	2588.45	2616.31	2574.79	1.93	ppb
Sulfur	34-1	-466.04	-401.35	-273.88	-380.43		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.27	0.26	0.27	2.13	ppb
Thallium	205-1	0.26	0.28	0.27	0.27	4.32	ppb
Tin	118-1	1.00	0.79	0.93	0.91	11.50	ppb
Titanium	47-1	409.07	418.19	424.60	417.28	1.87	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ43	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:56:58	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.69	0.68	0.67	2.41	ppb
Vanadium	51-2	82.32	82.16	81.67	82.05	0.41	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	326.89	327.34	325.91	326.72	0.22	ppb
Zirconium	90-1	11.98	12.17	12.21	12.12	1.03	ppb
Zirconium	91-1	12.18	12.45	12.44	12.36	1.24	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ44	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:00:02	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22519.79	22081.76	22105.46	22235.67	1.11	ppb
Antimony	121-1	0.26	0.26	0.28	0.27	3.44	ppb
Arsenic	75-2	51.81	52.81	52.89	52.50	1.14	ppb
Barium	135-1	267.03	270.73	273.24	270.33	1.15	ppb
Barium	137-1	271.26	277.06	282.51	276.95	2.03	ppb
Beryllium	9-1	1.02	0.99	0.98	1.00	2.11	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.91	1.97	1.72	1.87	6.82	ppb
Cadmium	106-1	2.41	2.26	2.04	2.24	8.35	ppb
Cadmium	111-1	1.44	1.35	1.29	1.36	5.43	ppb
Calcium	43-1	16955.29	17050.92	17319.94	17108.71	1.11	ppb
Calcium	44-1	16437.21	16410.40	16424.27	16423.96	0.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.74	33.93	33.82	33.83	0.28	ppb
Cobalt	59-2	23.13	22.95	23.17	23.08	0.49	ppb
Copper	63-2	101.76	101.63	101.23	101.54	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	48739.43	48391.79	48699.99	48610.40	0.39	ppb
Iron	57-2	47579.05	47729.66	47542.86	47617.19	0.21	ppb
Iron	54-2	48539.50	48372.61	48839.23	48583.78	0.49	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ44	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:00:02	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	80.33	81.51	82.74	81.53	1.48	ppb
Lead	207-1	81.67	83.15	84.08	82.97	1.46	ppb
Lead	208-1	82.14	83.31	84.27	83.24	1.29	ppb
Lithium	6-1				97		%
Magnesium	24-2	12685.39	12801.49	12738.69	12741.85	0.46	ppb
Manganese	55-2	1329.30	1331.15	1332.70	1331.05	0.13	ppb
Molybdenum	94-1	16.84	17.11	16.88	16.94	0.85	ppb
Molybdenum	95-1	0.60	0.59	0.63	0.61	3.42	ppb
Molybdenum	96-1	2.63	2.68	2.65	2.65	1.03	ppb
Molybdenum	97-1	0.61	0.61	0.62	0.61	0.97	ppb
Molybdenum	98-1	0.58	0.60	0.59	0.59	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.77	32.90	32.78	32.82	0.22	ppb
Phosphorus	31-2	3219.32	3221.30	3292.83	3244.48	1.29	ppb
Potassium	39-2	7441.22	7394.32	7437.68	7424.41	0.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.22	-0.05	-0.12	0.02	1087.14	ppb
Selenium	77-2	11.02	9.16	8.92	9.70	11.89	ppb
Selenium	78-2	2.10	1.50	2.19	1.93	19.25	ppb
Silicon	28-1	93.99	95.37	96.61	95.32	1.38	ppb
Silver	107-1	0.32	0.33	0.33	0.33	2.14	ppb
Silver	109-1	0.30	0.31	0.32	0.31	2.99	ppb
Sodium	23-2	123.92	125.27	124.15	124.44	0.58	ppb
Strontium	86-1	2222.08	2255.01	2226.06	2234.38	0.80	ppb
Strontium	88-1	2253.99	2265.69	2270.81	2263.50	0.38	ppb
Sulfur	34-1	-595.87	-544.15	-531.37	-557.13		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.24	0.23	0.23	4.54	ppb
Thallium	205-1	0.21	0.22	0.22	0.22	3.61	ppb
Tin	118-1	0.61	0.57	0.57	0.58	4.10	ppb
Titanium	47-1	553.89	559.29	563.79	558.99	0.89	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ44	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:00:02	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.65	0.65	0.65	0.99	ppb
Vanadium	51-2	73.80	73.75	74.26	73.93	0.38	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	325.05	324.51	327.15	325.57	0.43	ppb
Zirconium	90-1	9.09	9.11	9.07	9.09	0.17	ppb
Zirconium	91-1	9.10	9.21	9.23	9.18	0.79	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ45	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:03:07	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22968.52	23114.40	23197.94	23093.62	0.50	ppb
Antimony	121-1	0.10	0.10	0.09	0.09	5.56	ppb
Arsenic	75-2	30.51	30.19	30.84	30.52	1.07	ppb
Barium	135-1	369.84	363.12	365.32	366.10	0.94	ppb
Barium	137-1	369.49	376.17	368.84	371.50	1.09	ppb
Beryllium	9-1	1.19	1.10	1.12	1.14	4.27	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.82	1.83	2.04	1.89	6.76	ppb
Cadmium	106-1	2.71	2.07	2.40	2.40	13.30	ppb
Cadmium	111-1	1.54	1.49	1.47	1.50	2.29	ppb
Calcium	43-1	18357.88	18879.23	18804.86	18680.65	1.51	ppb
Calcium	44-1	17783.25	18215.34	18216.70	18071.76	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.32	33.35	33.42	33.37	0.15	ppb
Cobalt	59-2	23.04	23.08	22.92	23.02	0.36	ppb
Copper	63-2	115.20	114.51	115.56	115.09	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	40757.57	41011.17	41429.96	41066.23	0.83	ppb
Iron	57-2	40529.22	40393.03	40493.83	40472.03	0.17	ppb
Iron	54-2	41067.36	41459.14	41392.36	41306.29	0.51	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ45	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:03:07	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	469.49	468.90	476.93	471.77	0.95	ppb
Lead	207-1	482.03	481.21	495.55	486.27	1.66	ppb
Lead	208-1	471.82	470.90	478.99	473.90	0.94	ppb
Lithium	6-1				99		%
Magnesium	24-2	12820.98	12744.38	12827.39	12797.58	0.36	ppb
Manganese	55-2	1319.79	1316.67	1339.53	1325.33	0.94	ppb
Molybdenum	94-1	10.02	9.89	9.78	9.90	1.22	ppb
Molybdenum	95-1	0.16	0.16	0.15	0.16	1.62	ppb
Molybdenum	96-1	1.41	1.45	1.44	1.43	1.70	ppb
Molybdenum	97-1	0.14	0.16	0.12	0.14	13.70	ppb
Molybdenum	98-1	0.14	0.14	0.13	0.14	5.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.36	37.81	38.41	38.19	0.88	ppb
Phosphorus	31-2	2109.33	2084.02	2110.26	2101.20	0.71	ppb
Potassium	39-2	4391.49	4431.30	4419.53	4414.11	0.46	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.05	0.30	0.09	0.15	92.57	ppb
Selenium	77-2	12.35	11.04	12.60	12.00	7.01	ppb
Selenium	78-2	1.52	1.98	0.98	1.49	33.50	ppb
Silicon	28-1	84.65	86.85	87.17	86.22	1.59	ppb
Silver	107-1	0.43	0.44	0.45	0.44	2.26	ppb
Silver	109-1	0.43	0.44	0.45	0.44	1.58	ppb
Sodium	23-2	80.25	78.94	81.09	80.09	1.36	ppb
Strontium	86-1	1637.94	1657.16	1616.69	1637.27	1.24	ppb
Strontium	88-1	1669.62	1671.35	1644.76	1661.91	0.89	ppb
Sulfur	34-1	-1158.53	-1071.15	-1048.78	-1092.82		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.20	0.20	0.22	0.20	5.02	ppb
Thallium	205-1	0.21	0.20	0.21	0.20	2.06	ppb
Tin	118-1	0.38	0.31	0.33	0.34	10.96	ppb
Titanium	47-1	162.81	167.06	166.18	165.35	1.36	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ45	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:03:07	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.56	0.57	0.56	0.56	0.69	ppb
Vanadium	51-2	68.41	68.41	68.99	68.60	0.49	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	379.72	381.22	383.00	381.31	0.43	ppb
Zirconium	90-1	5.40	5.44	5.33	5.39	1.04	ppb
Zirconium	91-1	5.37	5.42	5.39	5.39	0.51	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ46	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:06:12	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18619.99	18627.10	18722.62	18656.57	0.31	ppb
Antimony	121-1	0.76	0.78	0.79	0.78	1.96	ppb
Arsenic	75-2	32.42	32.84	33.10	32.79	1.04	ppb
Barium	135-1	275.88	278.74	278.94	277.85	0.62	ppb
Barium	137-1	278.93	286.09	282.04	282.35	1.27	ppb
Beryllium	9-1	0.92	0.92	0.97	0.94	2.82	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.36	1.45	1.34	1.38	4.19	ppb
Cadmium	106-1	1.21	1.85	1.38	1.48	22.40	ppb
Cadmium	111-1	0.87	0.88	0.91	0.89	2.40	ppb
Calcium	43-1	27371.97	27525.52	28135.85	27677.78	1.46	ppb
Calcium	44-1	27764.95	27854.52	27886.50	27835.32	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.88	27.61	27.56	27.68	0.63	ppb
Cobalt	59-2	19.60	19.57	19.71	19.63	0.36	ppb
Copper	63-2	59.95	59.80	59.04	59.59	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	37047.98	36936.95	36509.27	36831.40	0.77	ppb
Iron	57-2	36636.54	36319.20	35989.81	36315.18	0.89	ppb
Iron	54-2	36723.59	37083.37	36932.53	36913.16	0.49	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ46	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:06:12	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	69.21	69.88	71.06	70.05	1.34	ppb
Lead	207-1	68.98	69.33	71.12	69.81	1.64	ppb
Lead	208-1	70.02	70.30	71.13	70.48	0.82	ppb
Lithium	6-1				98		%
Magnesium	24-2	11402.42	11401.80	11303.37	11369.20	0.50	ppb
Manganese	55-2	1164.50	1174.00	1160.44	1166.31	0.60	ppb
Molybdenum	94-1	9.95	10.04	10.14	10.04	0.94	ppb
Molybdenum	95-1	0.21	0.20	0.23	0.22	6.17	ppb
Molybdenum	96-1	1.45	1.49	1.45	1.46	1.33	ppb
Molybdenum	97-1	0.19	0.21	0.19	0.19	5.84	ppb
Molybdenum	98-1	0.19	0.19	0.18	0.18	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.87	30.91	31.33	31.04	0.82	ppb
Phosphorus	31-2	2268.46	2271.03	2267.93	2269.14	0.07	ppb
Potassium	39-2	5668.57	5632.92	5635.74	5645.75	0.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.57	0.21	0.21	0.33	62.64	ppb
Selenium	77-2	9.65	8.37	11.85	9.96	17.68	ppb
Selenium	78-2	1.55	1.09	1.75	1.46	23.32	ppb
Silicon	28-1	83.35	84.76	83.41	83.84	0.95	ppb
Silver	107-1	0.17	0.18	0.19	0.18	4.05	ppb
Silver	109-1	0.17	0.18	0.18	0.18	4.41	ppb
Sodium	23-2	91.04	90.83	89.48	90.45	0.93	ppb
Strontium	86-1	1478.47	1480.82	1505.93	1488.40	1.02	ppb
Strontium	88-1	1489.94	1520.61	1528.98	1513.17	1.36	ppb
Sulfur	34-1	-663.44	-457.81	-426.49	-515.91		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.19	0.18	0.18	0.18	1.41	ppb
Thallium	205-1	0.19	0.19	0.19	0.19	1.14	ppb
Tin	118-1	0.39	0.43	0.44	0.42	6.27	ppb
Titanium	47-1	294.76	297.18	297.09	296.34	0.46	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ46	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:06:12	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.51	0.50	0.52	0.51	1.85	ppb
Vanadium	51-2	59.41	59.26	59.09	59.25	0.27	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	243.83	242.07	242.29	242.73	0.40	ppb
Zirconium	90-1	5.40	5.48	5.50	5.46	0.89	ppb
Zirconium	91-1	5.45	5.56	5.60	5.53	1.43	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ47	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:09:17	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17094.83	16882.51	17377.40	17118.25	1.45	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	0.65	ppb
Arsenic	75-2	26.48	26.31	26.40	26.40	0.33	ppb
Barium	135-1	216.02	234.24	236.89	229.05	4.96	ppb
Barium	137-1	221.83	236.63	242.25	233.57	4.52	ppb
Beryllium	9-1	0.78	0.75	0.79	0.77	3.13	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	1.17	1.01	0.97	23.56	ppb
Cadmium	106-1	1.57	1.38	1.78	1.58	12.55	ppb
Cadmium	111-1	0.77	0.79	0.82	0.79	3.52	ppb
Calcium	43-1	26764.47	28538.44	30041.64	28448.18	5.77	ppb
Calcium	44-1	26722.78	28955.06	29194.99	28290.94	4.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.12	24.21	24.44	24.26	0.69	ppb
Cobalt	59-2	18.39	18.17	18.71	18.43	1.48	ppb
Copper	63-2	53.00	52.73	53.81	53.18	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	33042.40	32624.07	33380.52	33015.66	1.15	ppb
Iron	57-2	32510.86	32242.25	32894.26	32549.12	1.01	ppb
Iron	54-2	32945.56	32779.00	33570.37	33098.31	1.26	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ47	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:09:17	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	65.52	69.53	70.50	68.52	3.86	ppb
Lead	207-1	63.50	68.03	69.96	67.16	4.94	ppb
Lead	208-1	64.93	68.53	69.97	67.81	3.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	10598.70	10488.66	10735.64	10607.66	1.17	ppb
Manganese	55-2	1037.51	1017.75	1051.16	1035.48	1.62	ppb
Molybdenum	94-1	6.96	7.56	7.68	7.40	5.22	ppb
Molybdenum	95-1	0.14	0.17	0.17	0.16	10.18	ppb
Molybdenum	96-1	1.05	1.13	1.17	1.11	5.41	ppb
Molybdenum	97-1	0.14	0.16	0.16	0.15	8.16	ppb
Molybdenum	98-1	0.14	0.15	0.16	0.15	9.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.04	28.99	29.99	29.34	1.92	ppb
Phosphorus	31-2	1988.56	1966.09	2022.65	1992.43	1.43	ppb
Potassium	39-2	4911.01	4867.96	4973.13	4917.37	1.08	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	0.03	0.24	-0.27	0.00		ppb
Selenium	77-2	9.26	9.45	9.56	9.42	1.65	ppb
Selenium	78-2	1.34	2.03	1.77	1.71	20.26	ppb
Silicon	28-1	83.59	90.58	91.64	88.60	4.94	ppb
Silver	107-1	0.14	0.15	0.16	0.15	9.30	ppb
Silver	109-1	0.14	0.15	0.16	0.15	3.72	ppb
Sodium	23-2	60.47	57.87	61.05	59.80	2.83	ppb
Strontium	86-1	1221.92	1311.30	1329.31	1287.51	4.47	ppb
Strontium	88-1	1235.82	1323.36	1341.45	1300.21	4.34	ppb
Sulfur	34-1	-868.78	-423.98	-304.56	-532.44		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.15	0.16	0.17	0.16	6.28	ppb
Thallium	205-1	0.15	0.17	0.18	0.17	7.47	ppb
Tin	118-1	0.17	0.37	0.24	0.26	37.63	ppb
Titanium	47-1	260.44	284.88	284.86	276.73	5.10	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ47	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:09:17	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.41	0.42	0.40	7.08	ppb
Vanadium	51-2	54.87	54.40	55.68	54.98	1.17	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	211.98	210.38	216.17	212.85	1.41	ppb
Zirconium	90-1	3.78	4.13	4.16	4.02	5.18	ppb
Zirconium	91-1	3.76	4.15	4.18	4.03	5.80	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ48	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:12:25	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15924.14	16070.52	16049.99	16014.88	0.49	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	0.45	ppb
Arsenic	75-2	25.87	24.87	25.01	25.25	2.15	ppb
Barium	135-1	225.02	225.22	227.87	226.04	0.70	ppb
Barium	137-1	228.70	231.56	233.36	231.21	1.02	ppb
Beryllium	9-1	0.75	0.69	0.69	0.71	5.02	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.44	1.26	1.29	1.33	7.15	ppb
Cadmium	106-1	2.43	2.35	1.62	2.13	21.06	ppb
Cadmium	111-1	0.86	0.94	0.95	0.91	5.45	ppb
Calcium	43-1	38664.59	38157.33	39192.25	38671.39	1.34	ppb
Calcium	44-1	38259.18	38642.24	38940.66	38614.03	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.19	21.62	21.59	21.46	1.11	ppb
Cobalt	59-2	15.94	16.35	16.38	16.23	1.53	ppb
Copper	63-2	56.46	56.49	56.74	56.56	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	29883.03	30162.88	30009.57	30018.49	0.47	ppb
Iron	57-2	29531.74	29577.96	29938.07	29682.59	0.75	ppb
Iron	54-2	30012.69	29842.16	30074.75	29976.53	0.40	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ48	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:12:25	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	49.11	49.94	50.39	49.81	1.31	ppb
Lead	207-1	49.11	50.25	49.77	49.71	1.15	ppb
Lead	208-1	48.24	49.17	49.19	48.87	1.11	ppb
Lithium	6-1				100		%
Magnesium	24-2	10018.65	10118.70	10108.98	10082.11	0.55	ppb
Manganese	55-2	972.97	979.30	988.35	980.21	0.79	ppb
Molybdenum	94-1	8.85	8.91	8.99	8.92	0.82	ppb
Molybdenum	95-1	0.17	0.15	0.16	0.16	3.63	ppb
Molybdenum	96-1	1.31	1.27	1.29	1.29	1.38	ppb
Molybdenum	97-1	0.14	0.15	0.16	0.15	4.79	ppb
Molybdenum	98-1	0.16	0.13	0.14	0.14	10.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.82	27.05	27.28	27.05	0.85	ppb
Phosphorus	31-2	1788.04	1833.63	1788.57	1803.41	1.45	ppb
Potassium	39-2	3765.41	3751.85	3796.26	3771.17	0.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	-0.04	0.13	-0.02	0.02	392.18	ppb
Selenium	77-2	8.49	7.98	6.51	7.66	13.38	ppb
Selenium	78-2	1.25	0.95	0.71	0.97	27.97	ppb
Silicon	28-1	95.74	97.62	94.85	96.07	1.47	ppb
Silver	107-1	0.15	0.16	0.16	0.15	2.57	ppb
Silver	109-1	0.16	0.15	0.15	0.15	3.38	ppb
Sodium	23-2	60.23	62.01	62.84	61.70	2.16	ppb
Strontium	86-1	1368.34	1361.64	1369.72	1366.57	0.32	ppb
Strontium	88-1	1394.43	1361.10	1404.49	1386.67	1.64	ppb
Sulfur	34-1	-333.05	-143.19	-84.10	-186.78		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.15	0.17	0.16	0.16	4.52	ppb
Thallium	205-1	0.16	0.16	0.16	0.16	2.06	ppb
Tin	118-1	0.28	0.28	0.30	0.29	3.84	ppb
Titanium	47-1	280.50	284.34	286.12	283.65	1.01	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ48	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:12:25	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.37	0.35	0.36	3.31	ppb
Vanadium	51-2	48.22	47.92	48.47	48.20	0.57	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	191.62	189.49	191.27	190.79	0.60	ppb
Zirconium	90-1	4.86	4.85	4.90	4.87	0.54	ppb
Zirconium	91-1	4.93	4.90	4.90	4.91	0.37	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ49	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:15:30	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23094.34	23211.44	23381.69	23229.16	0.62	ppb
Antimony	121-1	0.13	0.13	0.13	0.13	3.20	ppb
Arsenic	75-2	36.57	36.45	35.24	36.09	2.05	ppb
Barium	135-1	354.71	356.34	367.03	359.36	1.86	ppb
Barium	137-1	362.42	367.81	377.80	369.34	2.11	ppb
Beryllium	9-1	1.16	1.11	1.24	1.17	5.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.24	1.85	2.21	2.10	10.42	ppb
Cadmium	106-1	3.44	2.63	3.09	3.05	13.21	ppb
Cadmium	111-1	1.68	1.61	1.71	1.67	3.07	ppb
Calcium	43-1	21694.78	22305.76	22312.64	22104.39	1.60	ppb
Calcium	44-1	21020.74	21266.19	21558.66	21281.86	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.92	34.17	34.45	34.18	0.78	ppb
Cobalt	59-2	24.03	24.43	24.45	24.30	0.96	ppb
Copper	63-2	156.39	157.04	157.17	156.87	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	40748.62	41217.83	41145.87	41037.44	0.62	ppb
Iron	57-2	40315.31	41027.82	41086.41	40809.85	1.05	ppb
Iron	54-2	40867.23	41518.04	41509.08	41298.12	0.90	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ49	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:15:30	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	158.31	164.53	161.33	161.39	1.93	ppb
Lead	207-1	160.01	155.70	164.30	160.00	2.69	ppb
Lead	208-1	157.73	158.67	161.32	159.24	1.17	ppb
Lithium	6-1				99		%
Magnesium	24-2	12912.89	12855.09	13143.28	12970.42	1.18	ppb
Manganese	55-2	1358.20	1379.97	1382.78	1373.65	0.98	ppb
Molybdenum	94-1	11.09	11.49	11.38	11.32	1.82	ppb
Molybdenum	95-1	0.18	0.19	0.19	0.19	3.79	ppb
Molybdenum	96-1	1.53	1.63	1.59	1.58	3.15	ppb
Molybdenum	97-1	0.16	0.17	0.19	0.17	7.12	ppb
Molybdenum	98-1	0.17	0.17	0.17	0.17	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.78	38.55	38.42	38.58	0.47	ppb
Phosphorus	31-2	2092.92	2107.52	2095.35	2098.60	0.37	ppb
Potassium	39-2	5753.02	5727.73	5813.48	5764.74	0.76	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.39	-0.09	0.20	0.17	146.26	ppb
Selenium	77-2	11.28	10.61	10.72	10.87	3.31	ppb
Selenium	78-2	2.25	2.63	1.97	2.28	14.48	ppb
Silicon	28-1	118.56	121.36	122.85	120.92	1.80	ppb
Silver	107-1	0.46	0.46	0.49	0.47	3.07	ppb
Silver	109-1	0.47	0.45	0.46	0.46	2.17	ppb
Sodium	23-2	79.13	78.56	79.70	79.13	0.72	ppb
Strontium	86-1	1848.73	1883.35	1903.24	1878.44	1.47	ppb
Strontium	88-1	1884.82	1910.44	1937.59	1910.95	1.38	ppb
Sulfur	34-1	-325.58	-339.43	-370.68	-345.23		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.22	0.25	0.23	0.23	6.12	ppb
Thallium	205-1	0.22	0.24	0.24	0.23	3.09	ppb
Tin	118-1	0.37	0.32	0.35	0.35	6.46	ppb
Titanium	47-1	230.15	232.78	234.13	232.35	0.87	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ49	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:15:30	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.55	0.57	0.55	0.56	1.57	ppb
Vanadium	51-2	64.57	64.96	65.48	65.00	0.71	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	309.60	314.11	312.48	312.06	0.73	ppb
Zirconium	90-1	6.09	6.24	6.24	6.19	1.39	ppb
Zirconium	91-1	6.14	6.20	6.22	6.19	0.69	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ50	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:18:36	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31922.69	31767.71	32159.54	31949.98	0.62	ppb
Antimony	121-1	0.39	0.41	0.41	0.40	3.69	ppb
Arsenic	75-2	69.54	69.62	69.82	69.66	0.21	ppb
Barium	135-1	500.86	531.12	546.41	526.13	4.41	ppb
Barium	137-1	504.26	538.61	539.77	527.55	3.82	ppb
Beryllium	9-1	0.76	0.80	0.79	0.79	2.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.13	1.95	2.00	2.03	4.60	ppb
Cadmium	106-1	2.26	2.43	0.97	1.89	42.49	ppb
Cadmium	111-1	1.38	1.56	1.33	1.42	8.45	ppb
Calcium	43-1	6340.63	6847.10	6898.04	6695.26	4.60	ppb
Calcium	44-1	6028.13	6594.32	6690.04	6437.50	5.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.26	98.12	97.82	98.07	0.23	ppb
Cobalt	59-2	74.37	74.80	74.38	74.52	0.33	ppb
Copper	63-2	231.19	230.34	228.06	229.86	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	86363.60	86820.33	86726.23	86636.72	0.28	ppb
Iron	57-2	86076.32	85324.61	84915.13	85438.68	0.69	ppb
Iron	54-2	88111.91	87766.91	87557.06	87811.96	0.32	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ50	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:18:36	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	75.77	81.23	82.44	79.82	4.45	ppb
Lead	207-1	76.63	83.49	83.42	81.18	4.86	ppb
Lead	208-1	77.11	83.83	84.14	81.69	4.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	21480.25	21616.47	21547.92	21548.21	0.32	ppb
Manganese	55-2	9933.84	9873.67	9882.24	9896.58	0.33	ppb
Molybdenum	94-1	13.34	14.68	14.91	14.31	5.91	ppb
Molybdenum	95-1	0.99	1.05	1.11	1.05	5.94	ppb
Molybdenum	96-1	2.67	2.96	2.95	2.86	5.88	ppb
Molybdenum	97-1	0.87	0.93	1.01	0.94	7.78	ppb
Molybdenum	98-1	0.86	0.95	0.95	0.92	5.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.88	79.20	77.92	78.67	0.84	ppb
Phosphorus	31-2	1170.75	1179.09	1171.24	1173.69	0.40	ppb
Potassium	39-2	5000.24	5000.49	5008.25	5002.99	0.09	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	-0.26	-0.25	-0.33	-0.28		ppb
Selenium	77-2	5.95	5.52	5.56	5.68	4.21	ppb
Selenium	78-2	0.92	0.70	0.40	0.67	38.12	ppb
Silicon	28-1	98.74	107.92	111.36	106.01	6.15	ppb
Silver	107-1	0.25	0.28	0.29	0.27	6.56	ppb
Silver	109-1	0.25	0.26	0.28	0.27	5.77	ppb
Sodium	23-2	90.31	90.37	90.75	90.48	0.26	ppb
Strontium	86-1	1521.46	1675.14	1689.49	1628.70	5.72	ppb
Strontium	88-1	1549.87	1694.16	1721.50	1655.18	5.57	ppb
Sulfur	34-1	-1492.34	-1415.41	-1373.81	-1427.19		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.24	0.27	0.28	0.26	7.20	ppb
Thallium	205-1	0.25	0.27	0.27	0.26	5.35	ppb
Tin	118-1	0.40	0.44	0.51	0.45	12.15	ppb
Titanium	47-1	884.67	969.40	987.32	947.13	5.79	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ50	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:18:36	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.64	0.65	0.63	4.57	ppb
Vanadium	51-2	153.20	153.36	153.31	153.29	0.05	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	292.89	294.10	290.67	292.55	0.59	ppb
Zirconium	90-1	7.03	7.70	7.80	7.51	5.60	ppb
Zirconium	91-1	6.98	7.86	7.75	7.53	6.39	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ51	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:21:37	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33759.09	33745.84	33541.34	33682.09	0.36	ppb
Antimony	121-1	0.91	1.01	0.95	0.96	5.07	ppb
Arsenic	75-2	80.64	82.52	81.78	81.65	1.16	ppb
Barium	135-1	500.08	545.25	508.02	517.78	4.66	ppb
Barium	137-1	497.07	537.19	515.77	516.68	3.89	ppb
Beryllium	9-1	1.49	1.51	1.45	1.49	1.94	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.14	3.16	3.04	3.11	2.07	ppb
Cadmium	106-1	4.39	4.44	4.08	4.30	4.55	ppb
Cadmium	111-1	2.04	2.22	2.11	2.12	4.22	ppb
Calcium	43-1	46321.03	51291.28	48197.79	48603.37	5.16	ppb
Calcium	44-1	46103.44	51006.81	48282.41	48464.22	5.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.90	53.05	52.67	52.87	0.36	ppb
Cobalt	59-2	30.94	30.58	30.63	30.72	0.64	ppb
Copper	63-2	113.39	113.43	111.46	112.76	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	67946.34	67211.75	66648.93	67269.01	0.97	ppb
Iron	57-2	65872.18	65308.50	65888.85	65689.84	0.50	ppb
Iron	54-2	67148.47	66984.91	66238.06	66790.48	0.73	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ51	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:21:37	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	135.32	150.50	140.65	142.15	5.42	ppb
Lead	207-1	135.91	147.76	141.52	141.73	4.18	ppb
Lead	208-1	138.37	150.30	142.70	143.79	4.20	ppb
Lithium	6-1				95		%
Magnesium	24-2	18397.32	18436.60	18500.09	18444.67	0.28	ppb
Manganese	55-2	1564.77	1553.15	1531.49	1549.80	1.09	ppb
Molybdenum	94-1	23.75	25.94	24.97	24.89	4.40	ppb
Molybdenum	95-1	0.74	0.83	0.78	0.78	5.63	ppb
Molybdenum	96-1	3.56	3.89	3.74	3.73	4.47	ppb
Molybdenum	97-1	0.75	0.84	0.79	0.79	5.86	ppb
Molybdenum	98-1	0.73	0.78	0.77	0.76	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.76	55.07	54.64	54.82	0.41	ppb
Phosphorus	31-2	3099.33	3051.91	3044.43	3065.22	0.97	ppb
Potassium	39-2	7540.48	7492.76	7528.93	7520.72	0.33	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.72	0.57	0.75	0.68	13.97	ppb
Selenium	77-2	14.12	15.24	14.52	14.63	3.89	ppb
Selenium	78-2	2.75	1.67	2.77	2.40	26.35	ppb
Silicon	28-1	129.50	141.77	134.95	135.40	4.54	ppb
Silver	107-1	0.66	0.71	0.67	0.68	3.55	ppb
Silver	109-1	0.65	0.69	0.68	0.67	2.90	ppb
Sodium	23-2	165.59	165.85	165.26	165.57	0.18	ppb
Strontium	86-1	4357.74	4750.04	4544.33	4550.70	4.31	ppb
Strontium	88-1	4419.69	4813.31	4589.17	4607.39	4.29	ppb
Sulfur	34-1	43.03	594.39	394.08	343.83	81.17	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.31	0.30	0.30	6.14	ppb
Thallium	205-1	0.28	0.31	0.29	0.29	5.26	ppb
Tin	118-1	2.04	2.27	2.12	2.14	5.43	ppb
Titanium	47-1	350.48	386.74	367.33	368.18	4.93	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ51	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:21:37	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.99	0.95	0.95	4.24	ppb
Vanadium	51-2	103.43	103.06	102.61	103.03	0.40	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	557.97	552.87	548.00	552.95	0.90	ppb
Zirconium	90-1	12.82	13.97	13.31	13.37	4.34	ppb
Zirconium	91-1	12.97	14.28	13.43	13.56	4.91	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ52	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:24:40	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29506.14	29425.57	29700.70	29544.14	0.48	ppb
Antimony	121-1	0.48	0.47	0.46	0.47	1.74	ppb
Arsenic	75-2	72.90	72.96	72.53	72.80	0.32	ppb
Barium	135-1	428.47	428.79	421.91	426.39	0.91	ppb
Barium	137-1	424.35	424.48	424.97	424.60	0.08	ppb
Beryllium	9-1	1.40	1.39	1.36	1.38	1.51	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.68	2.63	2.55	2.62	2.54	ppb
Cadmium	106-1	4.22	3.46	3.27	3.65	13.79	ppb
Cadmium	111-1	1.90	1.93	1.85	1.90	2.12	ppb
Calcium	43-1	42568.01	43167.23	42957.33	42897.52	0.71	ppb
Calcium	44-1	41778.55	43080.77	43109.74	42656.35	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.14	49.34	49.06	49.18	0.29	ppb
Cobalt	59-2	34.55	34.48	34.54	34.52	0.10	ppb
Copper	63-2	130.67	131.39	130.94	131.00	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	77496.04	77763.47	77324.63	77528.04	0.29	ppb
Iron	57-2	76637.51	76799.60	76371.70	76602.94	0.28	ppb
Iron	54-2	77702.66	77474.94	78246.51	77808.04	0.51	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ52	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:24:40	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	128.17	127.87	129.51	128.52	0.68	ppb
Lead	207-1	127.57	127.94	129.27	128.26	0.70	ppb
Lead	208-1	129.21	130.23	129.96	129.80	0.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	15708.99	15549.75	15733.40	15664.04	0.64	ppb
Manganese	55-2	1432.32	1425.29	1446.44	1434.69	0.75	ppb
Molybdenum	94-1	20.13	20.25	20.43	20.27	0.75	ppb
Molybdenum	95-1	0.82	0.81	0.81	0.81	0.67	ppb
Molybdenum	96-1	3.34	3.32	3.43	3.36	1.78	ppb
Molybdenum	97-1	0.80	0.79	0.80	0.80	0.71	ppb
Molybdenum	98-1	0.77	0.74	0.76	0.76	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.97	43.53	43.43	43.65	0.66	ppb
Phosphorus	31-2	3077.79	3017.10	3054.13	3049.67	1.00	ppb
Potassium	39-2	7091.97	7057.26	7079.80	7076.34	0.25	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.36	0.47	0.45	0.43	13.59	ppb
Selenium	77-2	12.92	12.76	15.43	13.70	10.92	ppb
Selenium	78-2	3.92	2.35	3.00	3.09	25.54	ppb
Silicon	28-1	102.54	103.85	106.23	104.21	1.79	ppb
Silver	107-1	0.46	0.47	0.47	0.47	1.67	ppb
Silver	109-1	0.45	0.47	0.46	0.46	2.52	ppb
Sodium	23-2	144.51	145.86	145.83	145.40	0.53	ppb
Strontium	86-1	2961.40	2980.32	3000.01	2980.58	0.65	ppb
Strontium	88-1	2981.03	3005.79	3025.63	3004.15	0.74	ppb
Sulfur	34-1	-161.16	-18.93	14.77	-55.10		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.29	0.28	0.31	0.29	5.40	ppb
Thallium	205-1	0.27	0.28	0.28	0.28	1.75	ppb
Tin	118-1	4.20	4.28	4.17	4.22	1.30	ppb
Titanium	47-1	596.70	609.19	614.72	606.87	1.52	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ52	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:24:40	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.89	0.90	0.90	0.98	ppb
Vanadium	51-2	138.71	139.85	139.91	139.49	0.48	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	479.86	481.17	479.51	480.18	0.18	ppb
Zirconium	90-1	10.84	10.91	11.10	10.95	1.25	ppb
Zirconium	91-1	11.10	10.79	11.14	11.01	1.74	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ53	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:27:41	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19524.23	19564.75	19616.03	19568.34	0.24	ppb
Antimony	121-1	0.30	0.31	0.31	0.31	2.37	ppb
Arsenic	75-2	51.54	51.14	50.88	51.18	0.65	ppb
Barium	135-1	252.60	255.02	254.47	254.03	0.50	ppb
Barium	137-1	255.65	262.30	258.29	258.75	1.29	ppb
Beryllium	9-1	0.90	0.95	0.94	0.93	2.66	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.33	1.36	1.40	1.37	2.54	ppb
Cadmium	106-1	2.14	2.39	2.02	2.19	8.56	ppb
Cadmium	111-1	0.80	0.85	0.77	0.81	4.89	ppb
Calcium	43-1	46014.12	46674.46	46203.50	46297.36	0.73	ppb
Calcium	44-1	45357.55	46124.34	45514.30	45665.40	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.87	34.33	34.75	34.65	0.82	ppb
Cobalt	59-2	20.99	20.98	21.16	21.05	0.48	ppb
Copper	63-2	61.97	61.08	61.69	61.58	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	48543.68	48694.42	49073.48	48770.53	0.56	ppb
Iron	57-2	48445.95	47937.30	48518.61	48300.62	0.66	ppb
Iron	54-2	48888.63	48757.35	48693.96	48779.98	0.20	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ53	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:27:41	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.81	49.17	49.31	48.77	1.70	ppb
Lead	207-1	47.65	48.91	48.86	48.47	1.48	ppb
Lead	208-1	46.94	47.90	48.26	47.70	1.43	ppb
Lithium	6-1				98		%
Magnesium	24-2	11203.18	11056.06	11352.42	11203.89	1.32	ppb
Manganese	55-2	1077.69	1064.79	1069.21	1070.56	0.61	ppb
Molybdenum	94-1	15.34	15.80	15.85	15.66	1.81	ppb
Molybdenum	95-1	0.61	0.61	0.59	0.60	1.30	ppb
Molybdenum	96-1	2.48	2.49	2.55	2.51	1.59	ppb
Molybdenum	97-1	0.57	0.59	0.58	0.58	2.18	ppb
Molybdenum	98-1	0.56	0.58	0.58	0.57	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.71	31.34	31.22	31.42	0.81	ppb
Phosphorus	31-2	2014.73	2026.04	2065.28	2035.35	1.30	ppb
Potassium	39-2	4466.24	4430.11	4458.52	4451.62	0.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.23	0.26	-0.08	-0.02		ppb
Selenium	77-2	10.01	8.06	9.13	9.07	10.79	ppb
Selenium	78-2	2.25	1.44	2.35	2.02	24.73	ppb
Silicon	28-1	82.07	83.15	82.60	82.61	0.65	ppb
Silver	107-1	0.18	0.19	0.19	0.18	2.82	ppb
Silver	109-1	0.17	0.18	0.18	0.18	2.28	ppb
Sodium	23-2	103.41	101.78	103.21	102.80	0.86	ppb
Strontium	86-1	1864.34	1909.17	1931.54	1901.68	1.80	ppb
Strontium	88-1	1897.68	1923.10	1932.75	1917.84	0.94	ppb
Sulfur	34-1	-398.83	-226.75	-219.25	-281.61		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.19	0.19	0.21	0.19	7.91	ppb
Thallium	205-1	0.19	0.20	0.21	0.20	4.45	ppb
Tin	118-1	1.98	2.03	2.17	2.06	5.00	ppb
Titanium	47-1	394.08	398.89	393.81	395.59	0.72	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ53	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:27:41	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.62	0.61	0.62	0.96	ppb
Vanadium	51-2	81.01	79.69	80.56	80.42	0.83	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	202.69	201.15	203.24	202.36	0.53	ppb
Zirconium	90-1	8.33	8.50	8.51	8.45	1.18	ppb
Zirconium	91-1	8.43	8.49	8.54	8.48	0.66	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ54	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:30:49	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33893.74	34291.77	34222.21	34135.91	0.62	ppb
Antimony	121-1	0.84	0.82	0.89	0.85	4.41	ppb
Arsenic	75-2	93.69	96.04	96.08	95.27	1.44	ppb
Barium	135-1	428.44	424.74	430.54	427.91	0.69	ppb
Barium	137-1	426.90	429.46	427.75	428.04	0.30	ppb
Beryllium	9-1	1.26	1.41	1.29	1.32	6.11	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.09	3.32	2.89	3.10	6.93	ppb
Cadmium	106-1	4.68	3.38	2.87	3.65	25.61	ppb
Cadmium	111-1	2.38	2.26	2.23	2.29	3.53	ppb
Calcium	43-1	22789.19	23263.87	23545.59	23199.55	1.65	ppb
Calcium	44-1	22351.15	22388.72	22658.74	22466.21	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.61	63.31	62.91	62.94	0.56	ppb
Cobalt	59-2	39.40	39.66	39.78	39.61	0.48	ppb
Copper	63-2	163.20	165.03	164.95	164.39	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	95697.09	96673.48	96086.41	96152.33	0.51	ppb
Iron	57-2	93363.73	96007.89	94880.69	94750.77	1.40	ppb
Iron	54-2	96059.62	95857.18	97107.76	96341.52	0.70	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ54	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:30:49	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	494.76	493.29	501.93	496.66	0.93	ppb
Lead	207-1	461.01	458.43	464.22	461.22	0.63	ppb
Lead	208-1	460.76	464.65	462.55	462.66	0.42	ppb
Lithium	6-1				101		%
Magnesium	24-2	17039.57	17178.88	17389.11	17202.52	1.02	ppb
Manganese	55-2	1777.79	1784.23	1775.27	1779.10	0.26	ppb
Molybdenum	94-1	17.86	17.64	17.74	17.75	0.62	ppb
Molybdenum	95-1	1.44	1.50	1.49	1.48	2.19	ppb
Molybdenum	96-1	3.79	3.78	3.76	3.78	0.46	ppb
Molybdenum	97-1	1.47	1.45	1.43	1.45	1.23	ppb
Molybdenum	98-1	1.42	1.48	1.43	1.44	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.21	48.71	48.51	48.48	0.52	ppb
Phosphorus	31-2	6849.55	6986.63	7041.39	6959.19	1.42	ppb
Potassium	39-2	12331.12	12324.68	12420.48	12358.76	0.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.67	1.20	0.88	0.91	29.24	ppb
Selenium	77-2	15.61	14.59	14.45	14.88	4.24	ppb
Selenium	78-2	2.66	3.77	2.76	3.06	19.99	ppb
Silicon	28-1	108.02	104.78	105.93	106.24	1.55	ppb
Silver	107-1	0.62	0.61	0.63	0.62	1.50	ppb
Silver	109-1	0.64	0.64	0.62	0.63	1.67	ppb
Sodium	23-2	362.79	364.37	362.32	363.16	0.29	ppb
Strontium	86-1	2584.29	2614.54	2617.29	2605.37	0.70	ppb
Strontium	88-1	2604.07	2649.23	2644.23	2632.51	0.94	ppb
Sulfur	34-1	287.49	300.41	226.78	271.56	14.48	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.34	0.34	0.34	0.34	0.32	ppb
Thallium	205-1	0.35	0.34	0.35	0.35	1.30	ppb
Tin	118-1	3.19	3.21	3.27	3.22	1.31	ppb
Titanium	47-1	790.22	799.12	812.85	800.73	1.42	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ54	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:30:49	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.27	1.27	1.26	1.27	0.24	ppb
Vanadium	51-2	150.53	151.12	151.93	151.19	0.46	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	642.10	644.86	644.39	643.78	0.23	ppb
Zirconium	90-1	9.07	9.25	9.21	9.18	1.03	ppb
Zirconium	91-1	9.22	9.52	9.17	9.30	1.99	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ55	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:33:49	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26138.01	25778.45	25936.34	25950.93	0.69	ppb
Antimony	121-1	0.64	0.68	0.65	0.66	3.48	ppb
Arsenic	75-2	62.41	61.80	61.50	61.90	0.75	ppb
Barium	135-1	282.20	292.99	296.16	290.45	2.52	ppb
Barium	137-1	283.36	296.91	306.99	295.75	4.01	ppb
Beryllium	9-1	0.95	0.97	1.11	1.01	8.96	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.84	2.28	1.89	2.00	12.16	ppb
Cadmium	106-1	1.92	2.00	1.86	1.93	3.74	ppb
Cadmium	111-1	1.37	1.34	1.32	1.34	1.76	ppb
Calcium	43-1	14444.43	15167.60	15368.10	14993.38	3.24	ppb
Calcium	44-1	14024.78	14537.75	14631.85	14398.13	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.63	48.52	48.63	48.59	0.13	ppb
Cobalt	59-2	29.59	29.48	29.61	29.56	0.23	ppb
Copper	63-2	109.53	109.75	108.57	109.28	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	69128.17	69022.19	69685.14	69278.50	0.51	ppb
Iron	57-2	68165.90	68042.16	68256.53	68154.86	0.16	ppb
Iron	54-2	69221.51	69694.34	68710.14	69208.67	0.71	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ55	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:33:49	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	97.50	100.25	100.67	99.47	1.73	ppb
Lead	207-1	95.29	97.19	99.20	97.23	2.01	ppb
Lead	208-1	95.78	98.99	99.95	98.24	2.22	ppb
Lithium	6-1				101		%
Magnesium	24-2	13081.97	12947.84	12930.12	12986.64	0.64	ppb
Manganese	55-2	1348.52	1338.59	1349.87	1345.66	0.46	ppb
Molybdenum	94-1	13.55	13.98	14.22	13.92	2.42	ppb
Molybdenum	95-1	1.10	1.10	1.11	1.10	0.46	ppb
Molybdenum	96-1	2.78	2.92	2.88	2.86	2.58	ppb
Molybdenum	97-1	1.06	1.12	1.11	1.10	2.78	ppb
Molybdenum	98-1	1.06	1.13	1.09	1.10	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.52	37.98	37.55	37.68	0.68	ppb
Phosphorus	31-2	3354.19	3316.88	3379.76	3350.28	0.94	ppb
Potassium	39-2	8257.54	8254.98	8234.31	8248.94	0.15	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.28	0.62	0.11	0.34	76.82	ppb
Selenium	77-2	11.13	10.15	11.03	10.77	5.01	ppb
Selenium	78-2	1.38	1.38	0.37	1.04	55.83	ppb
Silicon	28-1	101.75	103.44	103.83	103.00	1.07	ppb
Silver	107-1	0.48	0.51	0.51	0.50	3.01	ppb
Silver	109-1	0.47	0.50	0.51	0.49	3.32	ppb
Sodium	23-2	265.61	263.18	263.30	264.03	0.52	ppb
Strontium	86-1	1696.98	1764.95	1778.47	1746.80	2.50	ppb
Strontium	88-1	1738.98	1785.41	1783.66	1769.35	1.49	ppb
Sulfur	34-1	-889.27	-795.46	-722.96	-802.56		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.23	0.24	0.24	0.24	3.20	ppb
Thallium	205-1	0.25	0.25	0.26	0.25	2.03	ppb
Tin	118-1	2.59	2.62	2.58	2.60	0.95	ppb
Titanium	47-1	645.74	678.47	680.74	668.32	2.93	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ55	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:33:49	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.83	0.83	0.82	1.38	ppb
Vanadium	51-2	113.92	113.88	114.11	113.97	0.11	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	482.98	482.59	478.89	481.49	0.47	ppb
Zirconium	90-1	7.06	7.23	7.34	7.21	1.91	ppb
Zirconium	91-1	7.03	7.43	7.36	7.28	2.91	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ56	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:36:54	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33760.38	33860.25	33720.85	33780.49	0.21	ppb
Antimony	121-1	0.33	0.37	0.36	0.35	7.06	ppb
Arsenic	75-2	65.25	66.11	66.05	65.81	0.73	ppb
Barium	135-1	322.38	342.60	343.18	336.05	3.53	ppb
Barium	137-1	333.99	351.18	350.91	345.36	2.85	ppb
Beryllium	9-1	1.24	1.24	1.39	1.29	6.87	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.74	2.02	1.78	1.85	8.42	ppb
Cadmium	106-1	1.64	2.03	1.86	1.84	10.66	ppb
Cadmium	111-1	1.19	1.24	1.38	1.27	7.99	ppb
Calcium	43-1	17290.41	18180.08	18684.47	18051.65	3.91	ppb
Calcium	44-1	16752.04	17612.12	17870.13	17411.43	3.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.48	60.61	60.48	60.53	0.12	ppb
Cobalt	59-2	53.33	54.01	53.80	53.71	0.64	ppb
Copper	63-2	96.30	97.76	97.22	97.09	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	91704.97	92194.39	93443.08	92447.48	0.97	ppb
Iron	57-2	90649.32	90873.43	91288.78	90937.18	0.36	ppb
Iron	54-2	92733.95	93016.49	93253.67	93001.37	0.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ56	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:36:54	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	54.86	56.09	57.85	56.27	2.66	ppb
Lead	207-1	51.13	53.46	55.53	53.37	4.13	ppb
Lead	208-1	51.53	53.16	55.01	53.23	3.27	ppb
Lithium	6-1				100		%
Magnesium	24-2	16955.49	17206.35	17111.88	17091.24	0.74	ppb
Manganese	55-2	1742.87	1735.52	1723.90	1734.10	0.55	ppb
Molybdenum	94-1	13.63	14.18	14.55	14.12	3.28	ppb
Molybdenum	95-1	1.08	1.08	1.14	1.10	2.79	ppb
Molybdenum	96-1	2.93	3.04	3.17	3.05	3.91	ppb
Molybdenum	97-1	1.04	1.10	1.09	1.08	2.80	ppb
Molybdenum	98-1	1.05	1.09	1.11	1.08	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.02	49.81	49.95	49.93	0.22	ppb
Phosphorus	31-2	3001.37	3026.86	2992.27	3006.83	0.60	ppb
Potassium	39-2	9339.17	9349.68	9432.15	9373.67	0.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	-0.02	0.37	0.37	0.24	93.75	ppb
Selenium	77-2	13.35	12.40	15.02	13.59	9.77	ppb
Selenium	78-2	1.97	1.62	1.01	1.53	31.72	ppb
Silicon	28-1	103.84	107.19	105.92	105.65	1.60	ppb
Silver	107-1	0.17	0.18	0.17	0.17	1.31	ppb
Silver	109-1	0.16	0.16	0.17	0.16	3.40	ppb
Sodium	23-2	226.48	228.43	229.24	228.05	0.62	ppb
Strontium	86-1	1837.44	1944.66	1951.07	1911.06	3.34	ppb
Strontium	88-1	1877.02	1939.49	1975.56	1930.69	2.58	ppb
Sulfur	34-1	-1284.95	-1120.46	-1053.47	-1152.96		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.29	0.30	0.29	0.29	2.77	ppb
Thallium	205-1	0.28	0.30	0.31	0.30	4.87	ppb
Tin	118-1	1.10	1.18	1.26	1.18	6.59	ppb
Titanium	47-1	809.08	868.70	865.64	847.81	3.96	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ56	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:36:54	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.08	1.11	1.07	3.81	ppb
Vanadium	51-2	151.82	151.14	151.20	151.39	0.25	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	249.78	248.72	248.65	249.05	0.25	ppb
Zirconium	90-1	7.03	7.42	7.51	7.32	3.45	ppb
Zirconium	91-1	7.14	7.51	7.57	7.41	3.14	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ57	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:39:58	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26536.13	26751.32	27170.38	26819.28	1.20	ppb
Antimony	121-1	0.36	0.38	0.37	0.37	2.62	ppb
Arsenic	75-2	55.69	56.57	55.86	56.04	0.83	ppb
Barium	135-1	276.22	281.09	278.17	278.49	0.88	ppb
Barium	137-1	280.85	287.43	285.48	284.59	1.19	ppb
Beryllium	9-1	1.06	1.07	1.00	1.04	3.59	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.79	1.70	1.89	1.79	5.43	ppb
Cadmium	106-1	2.35	1.64	1.59	1.86	22.80	ppb
Cadmium	111-1	1.18	1.22	1.14	1.18	3.62	ppb
Calcium	43-1	14245.92	14386.95	14362.43	14331.76	0.53	ppb
Calcium	44-1	13699.18	13771.26	13848.48	13772.97	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.39	46.73	46.44	46.52	0.39	ppb
Cobalt	59-2	32.09	32.11	32.39	32.19	0.52	ppb
Copper	63-2	81.28	82.44	83.09	82.27	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	73331.59	73670.63	74129.89	73710.70	0.54	ppb
Iron	57-2	71812.94	72234.10	72936.64	72327.90	0.78	ppb
Iron	54-2	73260.37	73943.16	74860.94	74021.49	1.09	ppb
Krypton	83-1						cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ57	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:39:58	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.11	48.66	48.69	48.49	0.67	ppb
Lead	207-1	45.19	45.92	46.10	45.73	1.05	ppb
Lead	208-1	45.41	46.04	45.99	45.81	0.76	ppb
Lithium	6-1				97		%
Magnesium	24-2	13125.44	13236.02	13343.66	13235.04	0.82	ppb
Manganese	55-2	1341.34	1355.31	1354.53	1350.39	0.58	ppb
Molybdenum	94-1	11.73	11.74	12.03	11.84	1.45	ppb
Molybdenum	95-1	0.90	0.94	0.92	0.92	2.03	ppb
Molybdenum	96-1	2.58	2.51	2.51	2.53	1.61	ppb
Molybdenum	97-1	0.91	0.91	0.93	0.92	1.68	ppb
Molybdenum	98-1	0.90	0.91	0.92	0.91	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.59	38.60	39.25	38.81	0.98	ppb
Phosphorus	31-2	2248.92	2292.39	2325.70	2289.00	1.68	ppb
Potassium	39-2	7442.66	7490.65	7579.71	7504.34	0.93	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	-0.36	-0.41	-0.38	-0.39		ppb
Selenium	77-2	10.27	11.83	10.83	10.97	7.19	ppb
Selenium	78-2	1.86	1.73	1.37	1.65	15.18	ppb
Silicon	28-1	94.41	92.01	92.36	92.93	1.39	ppb
Silver	107-1	0.14	0.14	0.16	0.15	6.47	ppb
Silver	109-1	0.14	0.14	0.14	0.14	2.20	ppb
Sodium	23-2	179.40	177.75	179.87	179.01	0.62	ppb
Strontium	86-1	1537.13	1536.61	1555.65	1543.13	0.70	ppb
Strontium	88-1	1535.76	1552.12	1572.74	1553.54	1.19	ppb
Sulfur	34-1	-1147.95	-1108.67	-1025.03	-1093.88		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.25	0.25	0.25	0.49	ppb
Thallium	205-1	0.24	0.25	0.24	0.24	2.33	ppb
Tin	118-1	0.89	0.87	0.85	0.87	2.18	ppb
Titanium	47-1	740.58	756.02	748.31	748.30	1.03	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ57	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:39:58	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.82	0.82	0.81	1.02	ppb
Vanadium	51-2	121.88	122.01	123.66	122.52	0.81	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	213.30	212.14	214.36	213.26	0.52	ppb
Zirconium	90-1	6.15	6.13	6.32	6.20	1.64	ppb
Zirconium	91-1	6.19	6.24	6.30	6.24	0.91	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:43:06	DataFile Name :	104CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49215.23	49274.45	49838.04	49442.57	0.70	ppb
Antimony	121-1	512.82	516.70	515.57	515.03	0.39	ppb
Arsenic	75-2	512.22	516.41	511.96	513.53	0.49	ppb
Barium	135-1	2615.10	2620.70	2593.07	2609.62	0.56	ppb
Barium	137-1	2608.18	2630.78	2615.61	2618.19	0.44	ppb
Beryllium	9-1	500.84	510.86	511.10	507.60	1.15	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	525.44	537.37	543.07	535.29	1.68	ppb
Cadmium	106-1	532.16	532.99	533.54	532.90	0.13	ppb
Cadmium	111-1	532.07	525.94	531.18	529.73	0.63	ppb
Calcium	43-1	249655.92	251776.94	251215.15	250882.67	0.44	ppb
Calcium	44-1	250282.32	250535.63	253986.59	251601.51	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.24	499.50	502.45	501.40	0.33	ppb
Cobalt	59-2	494.18	494.85	490.13	493.05	0.52	ppb
Copper	63-2	4779.31	4795.88	4767.38	4780.86	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	56-2	125235.66	125679.34	125859.41	125591.47	0.26	ppb
Iron	57-2	124763.33	125082.46	124817.16	124887.65	0.14	ppb
Iron	54-2	125732.10	125470.41	125765.31	125655.94	0.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:43:06	DataFile Name :	104CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2663.28	2653.20	2668.05	2661.51	0.28	ppb
Lead	207-1	2633.77	2617.31	2638.99	2630.02	0.43	ppb
Lead	208-1	2618.18	2608.27	2634.27	2620.24	0.50	ppb
Lithium	6-1				89		%
Magnesium	24-2	243904.16	245294.26	246529.50	245242.64	0.54	ppb
Manganese	55-2	4920.27	4940.31	4934.17	4931.58	0.21	ppb
Molybdenum	94-1	5067.92	5142.00	5113.09	5107.67	0.73	ppb
Molybdenum	95-1	5067.09	5137.64	5113.55	5106.09	0.70	ppb
Molybdenum	96-1	5086.41	5166.14	5112.72	5121.76	0.79	ppb
Molybdenum	97-1	5053.05	5182.72	5114.25	5116.67	1.27	ppb
Molybdenum	98-1	5049.18	5144.66	5090.88	5094.90	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.72	510.57	509.69	510.66	0.20	ppb
Phosphorus	31-2	9840.87	9834.65	9862.52	9846.01	0.15	ppb
Potassium	39-2	122124.48	122718.65	123254.67	122699.27	0.46	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	82-1	513.65	520.89	518.73	517.76	0.72	ppb
Selenium	77-2	502.50	486.54	483.88	490.97	2.05	ppb
Selenium	78-2	502.35	497.64	494.97	498.32	0.75	ppb
Silicon	28-1	512.26	515.22	523.74	517.08	1.15	ppb
Silver	107-1	526.56	531.00	529.25	528.94	0.42	ppb
Silver	109-1	535.08	525.25	529.55	529.96	0.93	ppb
Sodium	23-2	242184.23	243056.56	241845.18	242361.99	0.26	ppb
Strontium	86-1	13036.34	13106.54	12887.39	13010.09	0.86	ppb
Strontium	88-1	12911.12	13047.75	13007.50	12988.79	0.54	ppb
Sulfur	34-1	9391.86	9468.64	9724.70	9528.40	1.83	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	534.12	524.06	534.73	530.97	1.13	ppb
Thallium	205-1	538.95	529.92	536.23	535.04	0.87	ppb
Tin	118-1	521.73	517.24	522.71	520.56	0.56	ppb
Titanium	47-1	5109.91	5130.61	5127.17	5122.56	0.22	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:43:06	DataFile Name :	104CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	535.95	528.65	537.00	533.86	0.85	ppb
Vanadium	51-2	504.22	504.80	505.79	504.93	0.16	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	4909.42	4943.87	4934.88	4929.39	0.36	ppb
Zirconium	90-1	514.53	517.69	522.81	518.34	0.81	ppb
Zirconium	91-1	509.14	526.44	517.20	517.60	1.67	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:45:46	DataFile Name :	105CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.26	2.78	2.73	2.92	10.06	ppb
Antimony	121-1	0.22	0.19	0.18	0.20	9.99	ppb
Arsenic	75-2	0.02	0.03	0.05	0.03	43.22	ppb
Barium	135-1	0.28	0.22	0.18	0.22	22.04	ppb
Barium	137-1	0.30	0.21	0.21	0.24	20.24	ppb
Beryllium	9-1	0.11	0.11	0.11	0.11	1.32	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.01	-0.01	0.04	176.78	ppb
Cadmium	106-1	-0.45	-0.45	-1.00	-0.63		ppb
Cadmium	111-1	0.04	0.01	-0.03	0.01	423.52	ppb
Calcium	43-1	25.66	18.70	15.16	19.84	26.93	ppb
Calcium	44-1	23.41	15.45	13.84	17.57	29.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.00	0.01	100.24	ppb
Cobalt	59-2	0.04	0.03	0.03	0.03	16.16	ppb
Copper	63-2	0.34	0.31	0.27	0.31	11.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	9.78	8.72	7.87	8.79	10.83	ppb
Iron	57-2	8.33	8.17	8.66	8.39	3.03	ppb
Iron	54-2	8.97	8.23	7.44	8.22	9.32	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:45:46	DataFile Name :	105CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.28	0.21	0.18	0.22	20.93	ppb
Lead	207-1	0.28	0.20	0.18	0.22	23.76	ppb
Lead	208-1	0.28	0.21	0.18	0.22	24.13	ppb
Lithium	6-1				97		%
Magnesium	24-2	15.28	13.74	12.18	13.73	11.29	ppb
Manganese	55-2	0.32	0.27	0.24	0.27	14.51	ppb
Molybdenum	94-1	0.61	0.46	0.43	0.50	19.51	ppb
Molybdenum	95-1	0.64	0.45	0.42	0.50	23.61	ppb
Molybdenum	96-1	0.61	0.47	0.39	0.49	23.58	ppb
Molybdenum	97-1	0.60	0.50	0.38	0.49	22.28	ppb
Molybdenum	98-1	0.61	0.47	0.43	0.50	18.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.04	-0.03		ppb
Phosphorus	31-2	-21.89	-21.42	-21.48	-21.60		ppb
Potassium	39-2	9.06	10.23	9.55	9.61	6.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	-0.97	-0.50	-0.85	-0.77		ppb
Selenium	77-2	-0.04	-0.04	0.08	0.00	4217.39	ppb
Selenium	78-2	-0.62	-1.03	-1.01	-0.89		ppb
Silicon	28-1	-3.25	-3.22	-3.11	-3.19		ppb
Silver	107-1	0.12	0.09	0.08	0.10	17.22	ppb
Silver	109-1	0.11	0.09	0.09	0.10	15.08	ppb
Sodium	23-2	16.33	15.33	13.26	14.97	10.45	ppb
Strontium	86-1	1.15	0.20	0.55	0.63	75.89	ppb
Strontium	88-1	1.38	1.05	0.87	1.10	23.23	ppb
Sulfur	34-1	-668.11	-637.55	-562.21	-622.62		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.09	0.07	0.08	12.81	ppb
Thallium	205-1	0.10	0.08	0.07	0.08	17.91	ppb
Tin	118-1	0.01	-0.02	-0.01	-0.01		ppb
Titanium	47-1	0.58	0.41	0.38	0.46	23.11	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:45:46	DataFile Name :	105CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.04	0.04	0.04	21.73	ppb
Vanadium	51-2	0.04	0.03	0.02	0.03	25.27	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	0.42	0.43	0.41	0.42	2.87	ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	20.59	ppb
Zirconium	91-1	0.06	0.06	0.05	0.06	16.80	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ59	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:49:03	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34805.78	34899.56	34806.73	34837.35	0.15	ppb
Antimony	121-1	0.57	0.56	0.58	0.57	1.52	ppb
Arsenic	75-2	111.59	112.22	111.23	111.68	0.45	ppb
Barium	135-1	334.20	335.39	340.78	336.79	1.04	ppb
Barium	137-1	340.30	345.82	347.58	344.57	1.10	ppb
Beryllium	9-1	1.38	1.41	1.26	1.35	5.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.83	2.83	2.55	2.74	5.99	ppb
Cadmium	106-1	4.52	3.36	3.37	3.75	17.66	ppb
Cadmium	111-1	2.22	2.14	2.21	2.19	2.10	ppb
Calcium	43-1	14246.02	14595.39	14502.14	14447.85	1.25	ppb
Calcium	44-1	13697.86	14017.12	14088.83	13934.60	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	70.03	70.01	69.60	69.88	0.35	ppb
Cobalt	59-2	44.32	44.64	44.00	44.32	0.72	ppb
Copper	63-2	177.74	179.35	176.33	177.81	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	104660.51	105644.79	104655.12	104986.81	0.54	ppb
Iron	57-2	102880.17	104262.03	103576.15	103572.78	0.67	ppb
Iron	54-2	104917.89	105767.72	104118.32	104934.65	0.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ59	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:49:03	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	144.58	152.82	149.77	149.06	2.79	ppb
Lead	207-1	139.06	143.60	142.95	141.87	1.73	ppb
Lead	208-1	141.82	145.65	146.05	144.50	1.62	ppb
Lithium	6-1				99		%
Magnesium	24-2	16139.05	16197.01	16045.29	16127.11	0.47	ppb
Manganese	55-2	1816.59	1840.86	1802.31	1819.92	1.07	ppb
Molybdenum	94-1	18.68	18.89	19.26	18.95	1.54	ppb
Molybdenum	95-1	1.29	1.30	1.34	1.31	1.83	ppb
Molybdenum	96-1	3.79	3.86	3.83	3.83	0.91	ppb
Molybdenum	97-1	1.27	1.30	1.29	1.29	1.23	ppb
Molybdenum	98-1	1.25	1.28	1.26	1.26	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.37	50.60	50.16	50.38	0.43	ppb
Phosphorus	31-2	3958.36	3945.83	3946.98	3950.39	0.18	ppb
Potassium	39-2	10759.48	10882.57	10739.31	10793.79	0.72	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.48	0.94	0.22	0.55	66.73	ppb
Selenium	77-2	14.27	15.87	12.43	14.19	12.12	ppb
Selenium	78-2	2.03	2.05	1.69	1.92	10.50	ppb
Silicon	28-1	80.26	81.92	80.06	80.75	1.27	ppb
Silver	107-1	0.56	0.55	0.58	0.56	3.37	ppb
Silver	109-1	0.54	0.54	0.56	0.55	1.88	ppb
Sodium	23-2	241.01	238.64	235.99	238.55	1.05	ppb
Strontium	86-1	1687.65	1705.66	1737.34	1710.22	1.47	ppb
Strontium	88-1	1720.53	1741.97	1753.04	1738.51	0.95	ppb
Sulfur	34-1	-303.46	-254.35	-372.23	-310.01		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.40	0.40	0.38	0.39	2.59	ppb
Thallium	205-1	0.37	0.38	0.40	0.38	3.44	ppb
Tin	118-1	1.46	1.41	1.44	1.44	1.67	ppb
Titanium	47-1	1067.40	1079.25	1068.86	1071.84	0.60	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ59	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:49:03	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.31	1.32	1.31	1.13	ppb
Vanadium	51-2	175.93	176.47	175.44	175.94	0.29	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	520.00	527.20	524.59	523.93	0.70	ppb
Zirconium	90-1	9.85	9.95	10.18	9.99	1.69	ppb
Zirconium	91-1	9.83	10.05	10.11	10.00	1.51	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ60	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:52:05	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45712.37	45978.46	45882.28	45857.70	0.29	ppb
Antimony	121-1	1.10	1.14	1.14	1.13	1.93	ppb
Arsenic	75-2	100.53	102.02	101.91	101.49	0.82	ppb
Barium	135-1	604.89	610.48	630.42	615.26	2.18	ppb
Barium	137-1	596.83	615.31	624.41	612.18	2.30	ppb
Beryllium	9-1	1.70	1.83	1.89	1.81	5.17	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.40	4.36	4.43	4.40	0.82	ppb
Cadmium	106-1	5.35	4.79	4.37	4.84	10.14	ppb
Cadmium	111-1	3.19	3.10	3.11	3.14	1.59	ppb
Calcium	43-1	22616.85	23466.96	23628.81	23237.54	2.34	ppb
Calcium	44-1	21815.88	22706.13	22554.06	22358.69	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.30	75.38	75.59	75.43	0.20	ppb
Cobalt	59-2	42.01	42.33	42.53	42.29	0.62	ppb
Copper	63-2	174.54	174.64	175.91	175.03	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	94785.43	95413.94	95467.34	95222.24	0.40	ppb
Iron	57-2	93450.26	93510.47	94763.01	93907.92	0.79	ppb
Iron	54-2	94540.96	95570.06	95666.60	95259.21	0.65	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ60	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:52:05	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	209.19	214.78	212.17	212.04	1.32	ppb
Lead	207-1	214.56	223.39	215.92	217.96	2.18	ppb
Lead	208-1	209.82	216.79	210.65	212.42	1.79	ppb
Lithium	6-1				98		%
Magnesium	24-2	20704.60	20772.21	20904.70	20793.84	0.49	ppb
Manganese	55-2	1974.84	2003.78	2001.07	1993.23	0.80	ppb
Molybdenum	94-1	29.24	30.51	30.53	30.09	2.46	ppb
Molybdenum	95-1	1.16	1.24	1.25	1.22	3.94	ppb
Molybdenum	96-1	4.83	4.97	4.94	4.91	1.46	ppb
Molybdenum	97-1	1.19	1.21	1.23	1.21	1.71	ppb
Molybdenum	98-1	1.17	1.19	1.19	1.18	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.18	61.97	62.13	62.09	0.17	ppb
Phosphorus	31-2	3611.60	3547.93	3652.53	3604.02	1.46	ppb
Potassium	39-2	12079.95	12040.19	12029.76	12049.97	0.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	1.19	0.82	1.19	1.07	19.74	ppb
Selenium	77-2	16.05	16.42	16.65	16.37	1.85	ppb
Selenium	78-2	3.35	3.42	3.74	3.51	5.94	ppb
Silicon	28-1	113.74	118.30	120.09	117.38	2.79	ppb
Silver	107-1	0.98	1.00	1.00	0.99	0.88	ppb
Silver	109-1	0.96	1.00	1.01	0.99	2.63	ppb
Sodium	23-2	339.93	343.73	343.21	342.29	0.60	ppb
Strontium	86-1	4283.04	4447.55	4446.83	4392.48	2.16	ppb
Strontium	88-1	4293.02	4441.98	4495.74	4410.24	2.38	ppb
Sulfur	34-1	39.74	178.76	202.73	140.41	62.68	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.37	0.39	0.38	0.38	2.56	ppb
Thallium	205-1	0.39	0.39	0.39	0.39	0.38	ppb
Tin	118-1	1.50	1.50	1.59	1.53	3.38	ppb
Titanium	47-1	573.88	590.68	592.77	585.78	1.77	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ60	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:52:05	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.27	1.26	1.26	1.10	ppb
Vanadium	51-2	143.58	144.23	143.94	143.92	0.23	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	736.65	742.58	740.79	740.01	0.41	ppb
Zirconium	90-1	15.80	16.39	16.47	16.22	2.26	ppb
Zirconium	91-1	15.89	16.44	16.65	16.33	2.38	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ61	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:55:07	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29289.68	29484.17	29873.08	29548.98	1.01	ppb
Antimony	121-1	1.10	1.09	1.10	1.10	0.51	ppb
Arsenic	75-2	86.64	87.42	87.52	87.20	0.55	ppb
Barium	135-1	340.90	341.24	340.40	340.85	0.12	ppb
Barium	137-1	349.37	352.96	347.57	349.97	0.78	ppb
Beryllium	9-1	1.23	1.23	1.22	1.23	0.59	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.00	2.07	1.92	2.00	3.83	ppb
Cadmium	106-1	2.59	2.46	1.78	2.28	19.06	ppb
Cadmium	111-1	1.46	1.47	1.38	1.44	3.48	ppb
Calcium	43-1	15240.96	15518.23	15480.51	15413.23	0.98	ppb
Calcium	44-1	14718.94	14897.15	14819.82	14811.97	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.26	53.96	53.92	54.05	0.34	ppb
Cobalt	59-2	40.41	40.52	40.57	40.50	0.19	ppb
Copper	63-2	130.32	130.05	129.54	129.97	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	91085.94	89780.44	90264.35	90376.91	0.73	ppb
Iron	57-2	89353.94	89055.03	89566.79	89325.25	0.29	ppb
Iron	54-2	90577.35	89730.48	89474.97	89927.60	0.64	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ61	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:55:07	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	106.61	107.02	107.85	107.16	0.59	ppb
Lead	207-1	106.12	106.77	107.86	106.92	0.82	ppb
Lead	208-1	107.30	107.69	108.93	107.97	0.79	ppb
Lithium	6-1				97		%
Magnesium	24-2	14498.64	14443.19	14536.00	14492.61	0.32	ppb
Manganese	55-2	1873.65	1846.17	1864.35	1861.39	0.75	ppb
Molybdenum	94-1	16.57	16.87	17.15	16.86	1.73	ppb
Molybdenum	95-1	1.21	1.24	1.25	1.23	1.77	ppb
Molybdenum	96-1	3.36	3.43	3.43	3.41	1.09	ppb
Molybdenum	97-1	1.28	1.21	1.26	1.25	3.03	ppb
Molybdenum	98-1	1.33	1.20	1.20	1.24	6.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.54	42.54	42.50	42.53	0.05	ppb
Phosphorus	31-2	3177.23	3093.86	3139.70	3136.93	1.33	ppb
Potassium	39-2	9456.11	9360.42	9484.35	9433.63	0.69	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.71	0.63	0.43	0.59	24.65	ppb
Selenium	77-2	12.23	10.68	12.34	11.75	7.88	ppb
Selenium	78-2	1.76	2.13	2.00	1.96	9.52	ppb
Silicon	28-1	82.51	85.04	83.65	83.73	1.51	ppb
Silver	107-1	0.51	0.51	0.50	0.50	1.63	ppb
Silver	109-1	0.50	0.48	0.50	0.49	2.63	ppb
Sodium	23-2	176.73	177.02	175.60	176.45	0.43	ppb
Strontium	86-1	2016.54	2018.28	2060.51	2031.77	1.23	ppb
Strontium	88-1	2026.86	2060.84	2066.56	2051.42	1.05	ppb
Sulfur	34-1	-507.44	-398.30	-423.51	-443.08		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.29	0.29	0.29	0.29	1.62	ppb
Thallium	205-1	0.30	0.29	0.29	0.29	1.66	ppb
Tin	118-1	2.04	2.06	1.95	2.02	2.87	ppb
Titanium	47-1	826.06	841.81	843.43	837.10	1.15	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ61	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:55:07	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.08	1.08	1.07	0.86	ppb
Vanadium	51-2	150.55	148.79	150.50	149.95	0.67	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	364.29	363.55	365.50	364.45	0.27	ppb
Zirconium	90-1	8.60	8.72	8.93	8.75	1.91	ppb
Zirconium	91-1	8.70	8.77	9.01	8.82	1.87	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ62	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:58:09	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35382.91	35346.35	35229.48	35319.58	0.23	ppb
Antimony	121-1	0.96	0.97	0.98	0.97	1.22	ppb
Arsenic	75-2	125.11	125.44	125.84	125.46	0.29	ppb
Barium	135-1	448.03	448.94	445.25	447.41	0.43	ppb
Barium	137-1	454.58	453.77	451.86	453.40	0.31	ppb
Beryllium	9-1	1.35	1.42	1.43	1.40	3.32	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.20	3.31	3.21	3.24	1.87	ppb
Cadmium	106-1	3.81	3.98	3.81	3.87	2.45	ppb
Cadmium	111-1	2.33	2.40	2.40	2.38	1.69	ppb
Calcium	43-1	27473.33	27715.30	27541.63	27576.75	0.45	ppb
Calcium	44-1	27292.74	27838.93	27721.65	27617.77	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.60	59.23	59.89	59.57	0.56	ppb
Cobalt	59-2	36.02	36.25	36.00	36.09	0.39	ppb
Copper	63-2	135.15	135.13	135.51	135.26	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	81014.92	81604.82	81037.24	81219.00	0.41	ppb
Iron	57-2	80479.95	80296.83	79957.81	80244.86	0.33	ppb
Iron	54-2	81318.31	81029.53	81234.18	81194.01	0.18	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ62	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:58:09	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	180.09	185.30	184.99	183.46	1.59	ppb
Lead	207-1	194.55	193.85	197.90	195.44	1.11	ppb
Lead	208-1	188.12	187.98	190.69	188.93	0.81	ppb
Lithium	6-1				95		%
Magnesium	24-2	17681.11	17826.80	17699.00	17735.64	0.45	ppb
Manganese	55-2	1713.02	1723.33	1711.20	1715.85	0.38	ppb
Molybdenum	94-1	21.66	22.10	21.86	21.87	1.01	ppb
Molybdenum	95-1	1.15	1.14	1.12	1.14	1.22	ppb
Molybdenum	96-1	3.79	3.77	3.81	3.79	0.46	ppb
Molybdenum	97-1	1.13	1.17	1.15	1.15	1.79	ppb
Molybdenum	98-1	1.12	1.14	1.12	1.12	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.66	52.37	52.69	52.57	0.33	ppb
Phosphorus	31-2	4279.18	4309.92	4334.64	4307.91	0.65	ppb
Potassium	39-2	11187.95	11206.53	11284.46	11226.31	0.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	1.53	1.06	1.15	1.25	20.12	ppb
Selenium	77-2	12.85	14.27	15.83	14.32	10.44	ppb
Selenium	78-2	4.81	3.86	1.96	3.54	40.87	ppb
Silicon	28-1	14.53	13.19	10.20	12.64	17.55	ppb
Silver	107-1	1.00	1.02	0.98	1.00	1.70	ppb
Silver	109-1	0.97	0.99	1.01	0.99	2.08	ppb
Sodium	23-2	195.98	197.27	197.29	196.85	0.38	ppb
Strontium	86-1	3710.73	3777.89	3792.46	3760.36	1.16	ppb
Strontium	88-1	3779.64	3815.40	3849.92	3814.98	0.92	ppb
Sulfur	34-1	897.13	956.87	991.79	948.60	5.05	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.36	0.38	0.37	0.37	2.28	ppb
Thallium	205-1	0.37	0.37	0.35	0.36	2.94	ppb
Tin	118-1	2.71	2.72	2.71	2.71	0.18	ppb
Titanium	47-1	544.98	548.56	553.68	549.07	0.80	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ62	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:58:09	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.03	1.03	1.03	0.43	ppb
Vanadium	51-2	122.10	122.38	122.34	122.28	0.12	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	652.51	652.59	655.27	653.46	0.24	ppb
Zirconium	90-1	11.47	11.74	11.73	11.65	1.30	ppb
Zirconium	91-1	11.51	11.79	11.85	11.72	1.54	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ63	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:01:11	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38484.87	38586.40	38630.06	38567.11	0.19	ppb
Antimony	121-1	2.50	2.48	2.56	2.51	1.73	ppb
Arsenic	75-2	335.08	330.55	333.77	333.13	0.70	ppb
Barium	135-1	545.32	542.85	545.20	544.45	0.25	ppb
Barium	137-1	543.96	530.90	548.78	541.21	1.71	ppb
Beryllium	9-1	1.35	1.49	1.48	1.44	5.45	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.29	4.12	4.55	4.32	5.04	ppb
Cadmium	106-1	5.37	5.15	5.19	5.24	2.27	ppb
Cadmium	111-1	3.58	3.72	3.64	3.65	1.90	ppb
Calcium	43-1	39176.52	38841.70	39592.73	39203.65	0.96	ppb
Calcium	44-1	38836.44	38689.74	38865.37	38797.18	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.17	55.72	55.30	55.39	0.52	ppb
Cobalt	59-2	34.54	34.61	34.48	34.54	0.19	ppb
Copper	63-2	137.50	138.94	137.64	138.03	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	85701.20	86730.27	84971.87	85801.11	1.03	ppb
Iron	57-2	85158.09	85193.73	85288.39	85213.40	0.08	ppb
Iron	54-2	85520.73	85962.50	85877.82	85787.02	0.27	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ63	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:01:11	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	445.76	457.32	448.52	450.53	1.34	ppb
Lead	207-1	485.04	497.60	484.95	489.20	1.49	ppb
Lead	208-1	466.38	475.37	470.64	470.80	0.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	19156.76	19344.95	19168.34	19223.35	0.55	ppb
Manganese	55-2	1595.68	1626.66	1594.54	1605.63	1.14	ppb
Molybdenum	94-1	19.00	19.39	19.25	19.21	1.03	ppb
Molybdenum	95-1	1.30	1.30	1.31	1.30	0.43	ppb
Molybdenum	96-1	3.79	3.82	3.75	3.79	0.96	ppb
Molybdenum	97-1	1.24	1.35	1.28	1.29	4.31	ppb
Molybdenum	98-1	1.31	1.32	1.27	1.30	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.33	46.99	46.28	46.53	0.85	ppb
Phosphorus	31-2	3687.38	3702.42	3704.90	3698.23	0.26	ppb
Potassium	39-2	10506.36	10645.76	10628.75	10593.62	0.72	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	4.01	4.18	4.12	4.10	2.05	ppb
Selenium	77-2	18.30	17.70	16.32	17.44	5.83	ppb
Selenium	78-2	6.51	5.98	6.14	6.21	4.36	ppb
Silicon	28-1	137.31	137.78	138.54	137.88	0.45	ppb
Silver	107-1	2.24	2.27	2.36	2.29	2.66	ppb
Silver	109-1	2.23	2.31	2.32	2.29	2.04	ppb
Sodium	23-2	215.17	218.11	218.11	217.13	0.78	ppb
Strontium	86-1	5162.09	5230.86	5129.32	5174.09	1.00	ppb
Strontium	88-1	5177.04	5332.61	5270.79	5260.15	1.49	ppb
Sulfur	34-1	1429.81	1429.98	1477.55	1445.78	1.90	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.41	0.42	0.43	0.42	1.99	ppb
Thallium	205-1	0.42	0.43	0.42	0.42	1.77	ppb
Tin	118-1	0.77	0.76	0.80	0.78	2.81	ppb
Titanium	47-1	482.56	480.24	480.38	481.06	0.27	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ63	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:01:11	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.93	0.93	0.92	1.82	ppb
Vanadium	51-2	126.72	127.96	127.22	127.30	0.49	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	994.00	1002.11	1000.97	999.02	0.44	ppb
Zirconium	90-1	10.09	10.22	10.13	10.15	0.67	ppb
Zirconium	91-1	10.25	10.42	10.15	10.27	1.32	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ64	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:04:10	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39145.38	33691.74	33148.50	35328.54	9.39	ppb
Antimony	121-1	0.68	0.68	0.67	0.68	0.72	ppb
Arsenic	75-2	95.08	81.41	82.16	86.22	8.91	ppb
Barium	135-1	355.80	361.42	361.67	359.63	0.92	ppb
Barium	137-1	367.79	371.73	374.06	371.19	0.85	ppb
Beryllium	9-1	1.31	1.26	1.34	1.31	3.02	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.00	2.05	2.20	2.09	4.92	ppb
Cadmium	106-1	2.95	2.73	2.75	2.81	4.31	ppb
Cadmium	111-1	1.74	1.68	1.65	1.69	2.59	ppb
Calcium	43-1	30891.87	31621.89	31182.58	31232.11	1.18	ppb
Calcium	44-1	30636.46	31258.30	31249.14	31047.97	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74.89	64.77	63.97	67.88	8.97	ppb
Cobalt	59-2	41.36	36.06	35.59	37.67	8.51	ppb
Copper	63-2	168.75	146.35	144.48	153.20	8.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	97678.79	83385.45	83642.36	88235.54	9.27	ppb
Iron	57-2	95281.96	82807.26	82159.64	86749.62	8.53	ppb
Iron	54-2	98300.26	83801.35	83328.05	88476.55	9.62	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ64	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:04:10	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	146.01	145.55	146.97	146.18	0.50	ppb
Lead	207-1	134.72	135.92	138.45	136.36	1.39	ppb
Lead	208-1	138.69	139.56	140.21	139.48	0.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	19232.66	16631.29	16691.08	17518.34	8.48	ppb
Manganese	55-2	1939.66	1634.06	1648.58	1740.77	9.90	ppb
Molybdenum	94-1	15.85	16.17	16.30	16.11	1.45	ppb
Molybdenum	95-1	1.21	1.29	1.31	1.27	4.30	ppb
Molybdenum	96-1	3.35	3.36	3.45	3.39	1.55	ppb
Molybdenum	97-1	1.25	1.33	1.30	1.29	2.98	ppb
Molybdenum	98-1	1.20	1.28	1.26	1.25	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.40	49.79	49.01	52.06	8.90	ppb
Phosphorus	31-2	7277.82	6319.26	6217.52	6604.86	8.86	ppb
Potassium	39-2	14699.95	12758.32	12535.96	13331.41	8.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	0.55	0.75	0.87	0.72	21.94	ppb
Selenium	77-2	14.45	14.04	13.41	13.97	3.76	ppb
Selenium	78-2	3.62	2.88	2.72	3.07	15.62	ppb
Silicon	28-1	86.07	86.84	87.80	86.90	1.00	ppb
Silver	107-1	0.47	0.49	0.48	0.48	1.87	ppb
Silver	109-1	0.49	0.49	0.49	0.49	0.47	ppb
Sodium	23-2	750.39	640.60	644.45	678.48	9.18	ppb
Strontium	86-1	2699.05	2770.95	2748.86	2739.62	1.34	ppb
Strontium	88-1	2759.63	2776.94	2785.05	2773.88	0.47	ppb
Sulfur	34-1	-116.99	-22.05	41.96	-32.36		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.29	0.32	0.32	0.31	5.49	ppb
Thallium	205-1	0.31	0.31	0.32	0.31	1.64	ppb
Tin	118-1	1.71	1.78	1.75	1.75	2.00	ppb
Titanium	47-1	794.24	789.83	796.40	793.49	0.42	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ64	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:04:10	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.10	1.10	1.09	1.39	ppb
Vanadium	51-2	151.45	130.99	129.53	137.32	8.92	ppb
Yttrium	89-1				114		%
Yttrium	89-2				106		%
Zinc	66-2	576.47	497.02	493.75	522.41	8.97	ppb
Zirconium	90-1	8.21	8.48	8.43	8.37	1.72	ppb
Zirconium	91-1	8.46	8.45	8.46	8.46	0.10	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ65	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:07:14	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36339.41	36095.07	36498.75	36311.07	0.56	ppb
Antimony	121-1	0.70	0.73	0.74	0.72	2.83	ppb
Arsenic	75-2	80.72	81.05	80.96	80.91	0.21	ppb
Barium	135-1	414.83	424.63	421.97	420.48	1.21	ppb
Barium	137-1	408.24	422.10	428.45	419.60	2.46	ppb
Beryllium	9-1	1.44	1.45	1.43	1.44	0.88	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.11	2.14	2.11	2.12	0.88	ppb
Cadmium	106-1	3.07	2.92	2.46	2.81	11.34	ppb
Cadmium	111-1	1.44	1.41	1.38	1.41	1.92	ppb
Calcium	43-1	26318.86	26847.57	26675.55	26613.99	1.01	ppb
Calcium	44-1	25689.22	26918.56	26921.59	26509.79	2.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.47	61.36	62.13	61.99	0.92	ppb
Cobalt	59-2	40.08	39.52	39.64	39.75	0.74	ppb
Copper	63-2	128.25	127.04	128.51	127.94	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	90956.12	89062.69	90287.26	90102.03	1.07	ppb
Iron	57-2	89419.51	88089.84	89618.32	89042.56	0.93	ppb
Iron	54-2	90624.90	89860.85	89816.63	90100.79	0.50	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ65	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:07:14	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.67	88.76	90.49	88.64	2.16	ppb
Lead	207-1	86.40	89.05	90.43	88.63	2.31	ppb
Lead	208-1	87.69	90.57	90.14	89.47	1.74	ppb
Lithium	6-1				98		%
Magnesium	24-2	18400.98	18036.76	18160.05	18199.26	1.02	ppb
Manganese	55-2	1764.02	1731.02	1751.20	1748.75	0.95	ppb
Molybdenum	94-1	19.66	20.67	20.66	20.33	2.84	ppb
Molybdenum	95-1	1.16	1.21	1.21	1.19	2.16	ppb
Molybdenum	96-1	3.65	3.85	3.82	3.77	2.84	ppb
Molybdenum	97-1	1.16	1.20	1.18	1.18	1.94	ppb
Molybdenum	98-1	1.15	1.18	1.19	1.18	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.58	49.81	49.65	50.01	1.00	ppb
Phosphorus	31-2	4539.17	4489.60	4449.15	4492.64	1.00	ppb
Potassium	39-2	11956.67	11932.23	12024.41	11971.10	0.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.31	0.32	0.23	0.29	18.68	ppb
Selenium	77-2	12.44	13.80	14.84	13.69	8.79	ppb
Selenium	78-2	2.19	1.73	2.86	2.26	25.14	ppb
Silicon	28-1	110.01	115.59	113.82	113.14	2.52	ppb
Silver	107-1	0.43	0.44	0.45	0.44	2.59	ppb
Silver	109-1	0.42	0.44	0.44	0.43	3.50	ppb
Sodium	23-2	222.04	217.94	220.37	220.12	0.94	ppb
Strontium	86-1	3570.18	3666.27	3703.45	3646.63	1.89	ppb
Strontium	88-1	3604.16	3727.16	3738.99	3690.10	2.02	ppb
Sulfur	34-1	-361.01	-158.20	-145.32	-221.51		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.35	0.33	0.35	0.34	2.73	ppb
Thallium	205-1	0.32	0.33	0.33	0.33	2.97	ppb
Tin	118-1	1.32	1.36	1.34	1.34	1.56	ppb
Titanium	47-1	781.31	819.75	832.99	811.35	3.31	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ65	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:07:14	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.04	1.04	1.03	2.61	ppb
Vanadium	51-2	144.32	142.29	144.01	143.54	0.76	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	436.62	429.00	430.97	432.20	0.91	ppb
Zirconium	90-1	10.49	10.83	10.78	10.70	1.70	ppb
Zirconium	91-1	10.54	11.06	10.91	10.84	2.45	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ66	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:10:15	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36136.24	36265.63	36042.82	36148.23	0.31	ppb
Antimony	121-1	0.54	0.53	0.53	0.54	0.83	ppb
Arsenic	75-2	74.01	74.43	73.63	74.02	0.54	ppb
Barium	135-1	420.65	413.10	422.39	418.71	1.18	ppb
Barium	137-1	427.34	419.88	419.65	422.29	1.04	ppb
Beryllium	9-1	1.53	1.39	1.39	1.44	5.62	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.12	2.27	2.42	2.27	6.51	ppb
Cadmium	106-1	3.93	3.22	2.83	3.33	16.80	ppb
Cadmium	111-1	1.44	1.38	1.39	1.41	2.24	ppb
Calcium	43-1	27720.06	27840.19	27952.69	27837.65	0.42	ppb
Calcium	44-1	27541.60	27779.76	27950.59	27757.32	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.34	60.36	60.01	60.23	0.33	ppb
Cobalt	59-2	38.14	38.32	38.17	38.21	0.24	ppb
Copper	63-2	127.32	127.01	126.59	126.97	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	89441.89	89687.60	88309.79	89146.43	0.82	ppb
Iron	57-2	88350.88	87079.27	87724.34	87718.16	0.72	ppb
Iron	54-2	88582.26	89890.64	89136.16	89203.02	0.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ66	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:10:15	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	88.23	87.56	90.44	88.75	1.70	ppb
Lead	207-1	88.04	87.69	89.82	88.52	1.29	ppb
Lead	208-1	88.23	88.45	90.61	89.10	1.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	18047.27	18207.91	17918.43	18057.87	0.80	ppb
Manganese	55-2	1720.98	1733.46	1721.13	1725.19	0.42	ppb
Molybdenum	94-1	21.72	22.04	22.03	21.93	0.82	ppb
Molybdenum	95-1	1.14	1.11	1.11	1.12	1.33	ppb
Molybdenum	96-1	3.90	3.79	3.94	3.88	2.12	ppb
Molybdenum	97-1	1.13	1.14	1.14	1.14	0.28	ppb
Molybdenum	98-1	1.09	1.10	1.15	1.11	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.05	49.18	48.77	48.67	1.17	ppb
Phosphorus	31-2	4377.92	4396.78	4320.39	4365.03	0.91	ppb
Potassium	39-2	11824.67	11873.60	11687.49	11795.25	0.82	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.12	0.16	0.43	0.24	71.05	ppb
Selenium	77-2	11.58	13.26	14.45	13.10	11.03	ppb
Selenium	78-2	2.63	2.32	2.51	2.49	6.29	ppb
Silicon	28-1	109.33	105.42	106.05	106.93	1.96	ppb
Silver	107-1	0.45	0.46	0.46	0.45	1.53	ppb
Silver	109-1	0.44	0.44	0.46	0.45	2.55	ppb
Sodium	23-2	223.54	224.22	221.75	223.17	0.57	ppb
Strontium	86-1	3660.69	3670.92	3701.66	3677.76	0.58	ppb
Strontium	88-1	3717.85	3737.89	3743.30	3733.02	0.36	ppb
Sulfur	34-1	-192.68	-161.79	-134.72	-163.06		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.33	0.32	0.34	0.33	1.78	ppb
Thallium	205-1	0.32	0.34	0.33	0.33	2.75	ppb
Tin	118-1	1.74	1.78	1.76	1.76	1.21	ppb
Titanium	47-1	746.68	763.07	755.84	755.20	1.09	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ66	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:10:15	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	1.00	1.02	1.00	1.48	ppb
Vanadium	51-2	143.18	142.59	142.85	142.87	0.21	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	421.90	424.28	423.01	423.06	0.28	ppb
Zirconium	90-1	11.41	11.56	11.58	11.52	0.82	ppb
Zirconium	91-1	11.53	11.74	11.68	11.65	0.92	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ67	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:13:18	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41257.37	41654.59	41498.86	41470.27	0.48	ppb
Antimony	121-1	0.46	0.45	0.48	0.47	3.27	ppb
Arsenic	75-2	99.62	100.76	100.89	100.43	0.69	ppb
Barium	135-1	446.99	445.41	446.20	446.20	0.18	ppb
Barium	137-1	449.09	444.43	449.71	447.74	0.64	ppb
Beryllium	9-1	1.72	1.78	1.58	1.70	5.96	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.59	2.24	2.70	2.51	9.59	ppb
Cadmium	106-1	3.47	4.22	3.44	3.71	11.96	ppb
Cadmium	111-1	1.46	1.58	1.47	1.50	4.41	ppb
Calcium	43-1	24737.88	24925.33	24934.74	24865.98	0.45	ppb
Calcium	44-1	23847.97	23829.97	24017.12	23898.35	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74.86	74.65	75.07	74.86	0.28	ppb
Cobalt	59-2	49.17	49.26	49.48	49.31	0.32	ppb
Copper	63-2	140.41	139.82	141.17	140.47	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	113135.05	112897.35	113697.44	113243.28	0.36	ppb
Iron	57-2	111061.15	111959.73	111837.96	111619.61	0.44	ppb
Iron	54-2	114183.16	112928.51	114216.79	113776.15	0.65	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ67	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:13:18	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	90.99	91.83	91.47	91.43	0.46	ppb
Lead	207-1	89.84	89.91	91.44	90.40	1.00	ppb
Lead	208-1	90.77	91.20	92.52	91.49	1.00	ppb
Lithium	6-1				97		%
Magnesium	24-2	20700.28	20781.71	20931.71	20804.57	0.56	ppb
Manganese	55-2	2002.57	2009.28	2003.23	2005.03	0.18	ppb
Molybdenum	94-1	23.00	22.78	23.02	22.93	0.59	ppb
Molybdenum	95-1	1.26	1.27	1.31	1.28	2.00	ppb
Molybdenum	96-1	4.33	4.30	4.26	4.30	0.82	ppb
Molybdenum	97-1	1.30	1.29	1.22	1.27	3.54	ppb
Molybdenum	98-1	1.29	1.29	1.26	1.28	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.26	58.50	58.56	58.44	0.28	ppb
Phosphorus	31-2	4808.75	4801.79	4872.24	4827.59	0.80	ppb
Potassium	39-2	13778.63	13866.19	13840.35	13828.39	0.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.75	0.13	0.52	0.47	67.15	ppb
Selenium	77-2	16.34	16.88	16.69	16.64	1.64	ppb
Selenium	78-2	3.06	3.88	2.91	3.28	15.93	ppb
Silicon	28-1	99.93	102.67	99.77	100.79	1.61	ppb
Silver	107-1	0.45	0.45	0.44	0.45	1.36	ppb
Silver	109-1	0.44	0.44	0.45	0.44	1.83	ppb
Sodium	23-2	317.18	315.70	316.62	316.50	0.24	ppb
Strontium	86-1	2967.70	2949.15	2952.92	2956.59	0.33	ppb
Strontium	88-1	2962.66	3003.81	2979.96	2982.14	0.69	ppb
Sulfur	34-1	-454.05	-465.93	-417.35	-445.78		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.37	0.39	0.39	0.38	3.77	ppb
Thallium	205-1	0.38	0.39	0.39	0.39	0.96	ppb
Tin	118-1	1.36	1.36	1.38	1.37	0.79	ppb
Titanium	47-1	970.63	967.50	964.49	967.54	0.32	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ67	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:13:18	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.31	1.32	1.31	1.17	ppb
Vanadium	51-2	184.97	184.58	186.01	185.19	0.40	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	433.66	438.17	440.44	437.42	0.79	ppb
Zirconium	90-1	12.23	12.16	12.13	12.17	0.43	ppb
Zirconium	91-1	12.21	12.44	12.30	12.31	0.93	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ68	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:16:19	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33957.90	34198.17	33806.16	33987.41	0.58	ppb
Antimony	121-1	0.37	0.40	0.41	0.39	5.12	ppb
Arsenic	75-2	88.84	89.23	88.34	88.80	0.50	ppb
Barium	135-1	330.04	359.23	362.52	350.60	5.10	ppb
Barium	137-1	332.88	368.36	372.37	357.87	6.07	ppb
Beryllium	9-1	1.26	1.39	1.26	1.31	5.74	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.58	2.32	2.73	2.54	8.17	ppb
Cadmium	106-1	2.57	3.05	2.91	2.84	8.63	ppb
Cadmium	111-1	1.52	1.75	1.77	1.68	8.11	ppb
Calcium	43-1	19482.12	21072.24	21208.29	20587.55	4.66	ppb
Calcium	44-1	18691.21	20166.15	20544.15	19800.51	4.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.27	58.26	58.40	58.31	0.14	ppb
Cobalt	59-2	38.42	38.22	38.37	38.34	0.28	ppb
Copper	63-2	149.49	149.62	149.06	149.39	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	91424.07	91503.82	91175.75	91367.88	0.19	ppb
Iron	57-2	90246.04	89969.05	89937.34	90050.81	0.19	ppb
Iron	54-2	92166.82	90861.40	91274.08	91434.10	0.73	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ68	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:16:19	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	99.19	107.50	109.45	105.38	5.17	ppb
Lead	207-1	98.77	106.83	108.66	104.75	5.02	ppb
Lead	208-1	99.93	107.95	109.26	105.71	4.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	16975.27	16966.74	16707.02	16883.01	0.90	ppb
Manganese	55-2	1670.15	1643.39	1661.05	1658.20	0.82	ppb
Molybdenum	94-1	17.70	19.12	19.19	18.67	4.49	ppb
Molybdenum	95-1	0.99	1.13	1.13	1.08	7.12	ppb
Molybdenum	96-1	3.30	3.57	3.64	3.50	5.17	ppb
Molybdenum	97-1	1.02	1.10	1.12	1.08	5.04	ppb
Molybdenum	98-1	1.01	1.05	1.08	1.05	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.94	48.52	47.95	48.14	0.68	ppb
Phosphorus	31-2	4162.37	4195.58	4187.11	4181.69	0.41	ppb
Potassium	39-2	12402.53	12430.48	12509.02	12447.34	0.44	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.57	0.38	0.24	0.40	41.10	ppb
Selenium	77-2	15.24	15.29	13.28	14.60	7.83	ppb
Selenium	78-2	2.56	2.56	3.36	2.83	16.43	ppb
Silicon	28-1	61.95	66.35	68.56	65.62	5.13	ppb
Silver	107-1	0.49	0.52	0.54	0.52	5.40	ppb
Silver	109-1	0.46	0.55	0.55	0.52	9.67	ppb
Sodium	23-2	349.35	348.38	347.07	348.27	0.33	ppb
Strontium	86-1	2109.34	2258.77	2277.77	2215.29	4.16	ppb
Strontium	88-1	2150.56	2278.74	2326.92	2252.07	4.05	ppb
Sulfur	34-1	-701.26	-451.91	-357.43	-503.53		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.34	0.32	0.32	4.98	ppb
Thallium	205-1	0.32	0.33	0.34	0.33	3.53	ppb
Tin	118-1	1.70	1.87	1.80	1.79	4.85	ppb
Titanium	47-1	829.15	894.69	912.17	878.67	4.98	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ68	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:16:19	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.14	1.16	1.12	4.73	ppb
Vanadium	51-2	145.81	145.33	145.72	145.62	0.18	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	489.97	494.00	491.72	491.90	0.41	ppb
Zirconium	90-1	9.25	10.01	10.12	9.79	4.85	ppb
Zirconium	91-1	9.31	10.26	10.13	9.90	5.16	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-11	Instrumnet Name :	P7
Client Sample ID :	MYD012	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:19:24	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36346.48	36104.50	36315.03	36255.34	0.36	ppb
Antimony	121-1	0.65	0.70	0.68	0.68	3.73	ppb
Arsenic	75-2	220.18	217.71	216.96	218.28	0.77	ppb
Barium	135-1	366.54	373.18	370.11	369.95	0.90	ppb
Barium	137-1	380.40	375.06	380.81	378.76	0.85	ppb
Beryllium	9-1	1.41	1.43	1.45	1.43	1.22	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.71	3.96	4.01	3.90	4.09	ppb
Cadmium	106-1	4.78	4.36	5.58	4.91	12.59	ppb
Cadmium	111-1	3.23	3.23	3.31	3.26	1.54	ppb
Calcium	43-1	40322.24	41791.90	41139.55	41084.56	1.79	ppb
Calcium	44-1	40453.26	40826.42	40771.71	40683.80	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.94	48.22	48.51	48.22	0.59	ppb
Cobalt	59-2	39.05	39.29	39.30	39.21	0.36	ppb
Copper	63-2	247.68	248.01	249.04	248.25	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	93848.44	93444.02	94296.43	93862.96	0.45	ppb
Iron	57-2	92101.00	92582.07	93583.64	92755.57	0.82	ppb
Iron	54-2	93629.18	93465.28	94942.58	94012.35	0.86	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-11	Instrumnet Name :	P7
Client Sample ID :	MYD012	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:19:24	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	168.90	174.72	174.50	172.71	1.91	ppb
Lead	207-1	178.61	180.59	182.29	180.49	1.02	ppb
Lead	208-1	174.16	176.29	177.22	175.89	0.89	ppb
Lithium	6-1				96		%
Magnesium	24-2	20943.90	20878.20	21165.63	20995.91	0.72	ppb
Manganese	55-2	2005.89	2013.68	2038.28	2019.29	0.84	ppb
Molybdenum	94-1	19.73	19.85	20.02	19.87	0.74	ppb
Molybdenum	95-1	1.04	1.05	1.05	1.05	0.20	ppb
Molybdenum	96-1	3.68	3.56	3.67	3.64	1.79	ppb
Molybdenum	97-1	1.03	1.04	1.04	1.04	0.50	ppb
Molybdenum	98-1	1.06	1.02	1.04	1.04	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.58	50.76	51.35	50.90	0.79	ppb
Phosphorus	31-2	3714.39	3746.48	3751.14	3737.33	0.54	ppb
Potassium	39-2	8315.79	8286.17	8268.22	8290.06	0.29	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	1.28	1.32	0.90	1.17	19.61	ppb
Selenium	77-2	16.35	13.93	13.54	14.61	10.41	ppb
Selenium	78-2	4.64	2.92	4.29	3.95	22.99	ppb
Silicon	28-1	108.63	109.86	110.42	109.63	0.83	ppb
Silver	107-1	1.08	1.11	1.09	1.10	1.41	ppb
Silver	109-1	1.07	1.10	1.09	1.09	1.58	ppb
Sodium	23-2	119.01	118.97	119.92	119.30	0.45	ppb
Strontium	86-1	1568.71	1558.94	1568.31	1565.32	0.35	ppb
Strontium	88-1	1570.00	1585.63	1572.94	1576.19	0.53	ppb
Sulfur	34-1	3538.03	3704.65	3737.32	3660.00	2.92	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.41	0.41	0.40	0.41	1.10	ppb
Thallium	205-1	0.39	0.40	0.41	0.40	2.45	ppb
Tin	118-1	0.74	0.71	0.72	0.72	2.21	ppb
Titanium	47-1	508.74	518.64	516.84	514.74	1.02	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-11	Instrumnet Name :	P7
Client Sample ID :	MYD012	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:19:24	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.90	0.92	0.90	2.28	ppb
Vanadium	51-2	145.85	146.37	146.44	146.22	0.22	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	662.89	664.31	670.24	665.81	0.59	ppb
Zirconium	90-1	10.47	10.48	10.55	10.50	0.39	ppb
Zirconium	91-1	10.66	10.47	10.66	10.60	1.02	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-12	Instrumnet Name :	P7
Client Sample ID :	MYD013	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:22:25	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32601.73	32578.55	33811.62	32997.30	2.14	ppb
Antimony	121-1	0.30	0.31	0.31	0.31	2.50	ppb
Arsenic	75-2	81.96	83.28	85.53	83.59	2.16	ppb
Barium	135-1	255.97	268.81	280.94	268.57	4.65	ppb
Barium	137-1	263.28	278.53	287.28	276.37	4.40	ppb
Beryllium	9-1	1.18	1.31	1.29	1.26	5.68	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.81	1.96	1.72	1.83	6.77	ppb
Cadmium	106-1	2.83	2.20	2.18	2.40	15.40	ppb
Cadmium	111-1	1.32	1.29	1.34	1.32	1.87	ppb
Calcium	43-1	15844.57	16755.17	17604.27	16734.67	5.26	ppb
Calcium	44-1	15368.22	16204.11	16854.85	16142.39	4.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.78	37.67	39.53	38.33	2.72	ppb
Cobalt	59-2	33.05	33.33	34.22	33.53	1.82	ppb
Copper	63-2	109.42	109.24	113.74	110.80	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	56-2	80491.60	80072.94	84198.41	81587.65	2.78	ppb
Iron	57-2	78905.05	79289.84	82952.50	80382.46	2.78	ppb
Iron	54-2	80801.82	79894.72	83718.01	81471.51	2.45	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-12	Instrumnet Name :	P7
Client Sample ID :	MYD013	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:22:25	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.12	68.36	70.90	67.79	5.05	ppb
Lead	207-1	65.21	69.69	72.26	69.06	5.17	ppb
Lead	208-1	66.05	69.49	70.98	68.84	3.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	16006.21	16218.32	16844.94	16356.49	2.67	ppb
Manganese	55-2	1654.28	1639.02	1708.07	1667.12	2.18	ppb
Molybdenum	94-1	17.28	18.09	18.65	18.01	3.85	ppb
Molybdenum	95-1	0.65	0.66	0.65	0.65	0.40	ppb
Molybdenum	96-1	2.81	2.98	3.02	2.94	3.72	ppb
Molybdenum	97-1	0.62	0.58	0.66	0.62	6.87	ppb
Molybdenum	98-1	0.60	0.62	0.65	0.62	4.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.27	40.49	42.09	40.95	2.43	ppb
Phosphorus	31-2	2723.13	2738.10	2834.84	2765.35	2.19	ppb
Potassium	39-2	8666.29	8641.95	9048.47	8785.57	2.60	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	0.18	0.35	0.13	0.22	52.02	ppb
Selenium	77-2	12.51	14.45	12.70	13.22	8.09	ppb
Selenium	78-2	2.29	1.92	2.07	2.10	8.75	ppb
Silicon	28-1	97.69	107.21	109.46	104.79	5.97	ppb
Silver	107-1	0.34	0.37	0.37	0.36	4.45	ppb
Silver	109-1	0.32	0.35	0.36	0.34	6.52	ppb
Sodium	23-2	107.65	108.85	113.93	110.14	3.03	ppb
Strontium	86-1	1155.60	1210.73	1238.60	1201.64	3.52	ppb
Strontium	88-1	1157.38	1235.61	1249.54	1214.17	4.09	ppb
Sulfur	34-1	-889.14	-811.69	-634.58	-778.47		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.30	0.29	0.30	0.30	1.66	ppb
Thallium	205-1	0.28	0.31	0.32	0.30	5.66	ppb
Tin	118-1	0.34	0.37	0.39	0.37	7.39	ppb
Titanium	47-1	464.16	492.62	515.90	490.89	5.28	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-12	Instrumnet Name :	P7
Client Sample ID :	MYD013	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:22:25	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.72	0.73	0.70	5.62	ppb
Vanadium	51-2	116.01	115.02	120.07	117.03	2.28	ppb
Yttrium	89-1				116		%
Yttrium	89-2				107		%
Zinc	66-2	337.58	335.50	350.87	341.32	2.44	ppb
Zirconium	90-1	9.29	9.77	9.99	9.69	3.70	ppb
Zirconium	91-1	9.30	9.85	10.15	9.77	4.39	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-13	Instrumnet Name :	P7
Client Sample ID :	MYD014	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:25:32	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38388.33	38334.73	38567.77	38430.28	0.32	ppb
Antimony	121-1	0.17	0.18	0.19	0.18	6.39	ppb
Arsenic	75-2	67.32	68.56	67.64	67.84	0.95	ppb
Barium	135-1	315.70	329.62	327.45	324.26	2.31	ppb
Barium	137-1	327.53	333.39	331.34	330.75	0.90	ppb
Beryllium	9-1	1.56	1.56	1.66	1.59	3.64	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.77	1.62	1.79	1.73	5.33	ppb
Cadmium	106-1	2.62	2.58	2.22	2.47	9.01	ppb
Cadmium	111-1	1.02	1.06	1.01	1.03	2.51	ppb
Calcium	43-1	16189.57	16655.73	16854.59	16566.63	2.06	ppb
Calcium	44-1	15562.36	15945.99	16079.60	15862.65	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.48	48.43	48.76	48.56	0.36	ppb
Cobalt	59-2	37.12	37.15	37.40	37.23	0.41	ppb
Copper	63-2	104.57	104.80	104.31	104.56	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	85869.62	85395.75	84795.03	85353.46	0.63	ppb
Iron	57-2	84649.96	84079.42	84603.62	84444.33	0.38	ppb
Iron	54-2	86129.65	86067.06	85854.00	86016.90	0.17	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-13	Instrumnet Name :	P7
Client Sample ID :	MYD014	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:25:32	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.61	57.04	56.91	56.52	1.40	ppb
Lead	207-1	55.52	56.99	57.29	56.60	1.67	ppb
Lead	208-1	54.69	56.44	56.44	55.86	1.81	ppb
Lithium	6-1				96		%
Magnesium	24-2	17330.86	17501.74	17544.76	17459.12	0.65	ppb
Manganese	55-2	1792.97	1814.29	1797.55	1801.61	0.62	ppb
Molybdenum	94-1	21.42	21.94	22.16	21.84	1.75	ppb
Molybdenum	95-1	0.68	0.72	0.74	0.71	4.86	ppb
Molybdenum	96-1	3.38	3.47	3.50	3.45	1.75	ppb
Molybdenum	97-1	0.72	0.66	0.71	0.70	4.32	ppb
Molybdenum	98-1	0.68	0.70	0.70	0.69	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.98	46.90	46.71	46.86	0.30	ppb
Phosphorus	31-2	2617.24	2700.95	2694.28	2670.82	1.74	ppb
Potassium	39-2	9314.06	9337.22	9391.17	9347.48	0.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.61	0.09	0.05	0.25	126.73	ppb
Selenium	77-2	13.29	16.97	12.04	14.10	18.19	ppb
Selenium	78-2	2.02	1.77	1.90	1.90	6.55	ppb
Silicon	28-1	111.05	113.79	116.51	113.78	2.40	ppb
Silver	107-1	0.29	0.29	0.29	0.29	0.89	ppb
Silver	109-1	0.29	0.29	0.29	0.29	1.51	ppb
Sodium	23-2	111.05	111.09	109.77	110.63	0.68	ppb
Strontium	86-1	1504.00	1530.36	1551.66	1528.68	1.56	ppb
Strontium	88-1	1514.35	1534.76	1553.91	1534.34	1.29	ppb
Sulfur	34-1	-1288.90	-1209.46	-1133.92	-1210.76		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.35	0.37	0.35	0.36	2.74	ppb
Thallium	205-1	0.33	0.34	0.35	0.34	2.88	ppb
Tin	118-1	0.85	0.92	0.88	0.88	4.19	ppb
Titanium	47-1	557.92	558.34	583.37	566.54	2.57	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-13	Instrumnet Name :	P7
Client Sample ID :	MYD014	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:25:32	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.99	1.00	0.98	3.23	ppb
Vanadium	51-2	128.47	128.48	128.37	128.44	0.05	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	281.93	282.97	282.31	282.40	0.19	ppb
Zirconium	90-1	11.48	11.68	12.02	11.72	2.37	ppb
Zirconium	91-1	11.56	11.75	11.96	11.76	1.70	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-14	Instrumnet Name :	P7
Client Sample ID :	MYD015	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:28:37	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37449.53	37160.78	37228.87	37279.73	0.40	ppb
Antimony	121-1	0.30	0.30	0.30	0.30	0.63	ppb
Arsenic	75-2	96.59	98.56	97.69	97.61	1.01	ppb
Barium	135-1	298.70	298.38	299.71	298.93	0.23	ppb
Barium	137-1	301.19	310.76	306.83	306.26	1.57	ppb
Beryllium	9-1	1.55	1.65	1.60	1.60	3.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.68	1.86	2.04	1.86	9.66	ppb
Cadmium	106-1	2.33	2.69	2.82	2.61	9.71	ppb
Cadmium	111-1	1.06	1.10	1.08	1.08	1.49	ppb
Calcium	43-1	35499.74	35538.12	36661.47	35899.78	1.84	ppb
Calcium	44-1	35785.32	35649.03	36265.38	35899.91	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.82	49.40	49.49	49.57	0.45	ppb
Cobalt	59-2	44.51	44.56	44.17	44.41	0.47	ppb
Copper	63-2	117.89	118.16	118.00	118.02	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	95615.07	96228.71	95685.29	95843.02	0.35	ppb
Iron	57-2	94472.56	94841.71	93887.73	94400.67	0.51	ppb
Iron	54-2	96831.95	96212.30	95962.76	96335.67	0.46	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-14	Instrumnet Name :	P7
Client Sample ID :	MYD015	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:28:37	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	63.56	64.39	64.66	64.20	0.90	ppb
Lead	207-1	63.51	65.21	64.65	64.46	1.34	ppb
Lead	208-1	62.31	64.02	63.61	63.31	1.41	ppb
Lithium	6-1				96		%
Magnesium	24-2	18694.45	18676.00	18785.42	18718.63	0.31	ppb
Manganese	55-2	1800.48	1791.92	1790.44	1794.28	0.30	ppb
Molybdenum	94-1	20.87	21.29	21.16	21.11	1.01	ppb
Molybdenum	95-1	0.83	0.85	0.83	0.84	1.14	ppb
Molybdenum	96-1	3.54	3.62	3.59	3.59	1.11	ppb
Molybdenum	97-1	0.77	0.81	0.74	0.77	4.94	ppb
Molybdenum	98-1	0.78	0.81	0.78	0.79	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.34	51.19	50.91	51.15	0.43	ppb
Phosphorus	31-2	3243.91	3252.28	3221.67	3239.29	0.49	ppb
Potassium	39-2	8302.64	8201.83	8172.93	8225.80	0.83	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.55	0.78	0.60	0.65	19.25	ppb
Selenium	77-2	15.01	14.83	12.68	14.18	9.13	ppb
Selenium	78-2	2.10	3.14	2.29	2.51	22.04	ppb
Silicon	28-1	90.81	91.36	92.66	91.61	1.04	ppb
Silver	107-1	0.21	0.21	0.22	0.22	2.65	ppb
Silver	109-1	0.21	0.20	0.21	0.21	3.04	ppb
Sodium	23-2	154.19	152.84	153.47	153.50	0.44	ppb
Strontium	86-1	1674.88	1698.25	1703.37	1692.16	0.90	ppb
Strontium	88-1	1700.29	1700.42	1713.76	1704.82	0.45	ppb
Sulfur	34-1	-936.66	-857.98	-761.27	-851.97		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.30	0.29	0.29	0.29	2.11	ppb
Thallium	205-1	0.29	0.31	0.30	0.30	2.45	ppb
Tin	118-1	0.96	0.98	0.96	0.97	1.33	ppb
Titanium	47-1	619.91	618.61	622.70	620.41	0.34	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-14	Instrumnet Name :	P7
Client Sample ID :	MYD015	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:28:37	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.93	0.93	0.92	1.20	ppb
Vanadium	51-2	151.09	151.51	151.33	151.31	0.14	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	305.74	305.83	304.03	305.20	0.33	ppb
Zirconium	90-1	11.26	11.48	11.42	11.39	0.98	ppb
Zirconium	91-1	11.29	11.40	11.52	11.40	0.99	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-15	Instrumnet Name :	P7
Client Sample ID :	MYD016	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:31:43	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37206.66	36586.47	36655.70	36816.28	0.92	ppb
Antimony	121-1	0.25	0.26	0.27	0.26	3.71	ppb
Arsenic	75-2	81.24	82.24	81.76	81.74	0.62	ppb
Barium	135-1	291.53	293.69	294.31	293.18	0.50	ppb
Barium	137-1	299.90	305.07	306.02	303.66	1.08	ppb
Beryllium	9-1	1.44	1.48	1.39	1.43	3.08	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.81	1.95	1.94	1.90	3.99	ppb
Cadmium	106-1	2.84	2.42	2.53	2.60	8.38	ppb
Cadmium	111-1	1.10	1.00	1.08	1.06	4.95	ppb
Calcium	43-1	29822.88	30386.04	29971.69	30060.20	0.97	ppb
Calcium	44-1	29818.15	30134.91	29678.35	29877.13	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.26	49.22	49.00	49.16	0.29	ppb
Cobalt	59-2	38.44	38.22	37.96	38.21	0.62	ppb
Copper	63-2	101.85	101.24	100.96	101.35	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	89619.19	88400.19	87927.61	88649.00	0.98	ppb
Iron	57-2	87783.76	87749.57	86553.13	87362.15	0.80	ppb
Iron	54-2	89350.55	88452.50	87827.17	88543.41	0.86	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-15	Instrumnet Name :	P7
Client Sample ID :	MYD016	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:31:43	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.23	56.19	56.44	55.95	1.14	ppb
Lead	207-1	55.82	56.01	57.14	56.32	1.26	ppb
Lead	208-1	54.75	55.13	55.59	55.16	0.77	ppb
Lithium	6-1				96		%
Magnesium	24-2	18909.43	18874.66	18686.09	18823.39	0.64	ppb
Manganese	55-2	1709.44	1700.09	1698.44	1702.65	0.35	ppb
Molybdenum	94-1	21.36	21.15	21.45	21.32	0.71	ppb
Molybdenum	95-1	0.78	0.76	0.76	0.77	1.78	ppb
Molybdenum	96-1	3.46	3.55	3.55	3.52	1.50	ppb
Molybdenum	97-1	0.77	0.75	0.79	0.77	2.49	ppb
Molybdenum	98-1	0.76	0.74	0.76	0.75	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.11	46.94	46.73	46.93	0.41	ppb
Phosphorus	31-2	2995.46	2919.59	3002.99	2972.68	1.55	ppb
Potassium	39-2	8122.82	8059.64	7965.04	8049.17	0.99	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.67	0.58	0.22	0.49	49.06	ppb
Selenium	77-2	14.17	14.82	13.71	14.23	3.91	ppb
Selenium	78-2	2.97	1.55	2.72	2.41	31.45	ppb
Silicon	28-1	94.14	94.87	93.79	94.27	0.58	ppb
Silver	107-1	0.21	0.22	0.22	0.22	3.73	ppb
Silver	109-1	0.21	0.21	0.23	0.21	5.34	ppb
Sodium	23-2	145.97	144.09	141.85	143.97	1.44	ppb
Strontium	86-1	1573.80	1556.41	1575.19	1568.47	0.67	ppb
Strontium	88-1	1585.33	1567.31	1587.38	1580.01	0.70	ppb
Sulfur	34-1	-848.29	-804.56	-797.96	-816.94		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.29	0.30	0.30	0.30	1.76	ppb
Thallium	205-1	0.29	0.29	0.30	0.29	0.91	ppb
Tin	118-1	0.86	0.84	0.87	0.86	1.82	ppb
Titanium	47-1	530.55	529.53	526.52	528.87	0.40	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-15	Instrumnet Name :	P7
Client Sample ID :	MYD016	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:31:43	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.85	0.87	0.85	2.09	ppb
Vanadium	51-2	138.15	135.46	135.93	136.52	1.05	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	307.31	303.96	302.60	304.62	0.80	ppb
Zirconium	90-1	11.40	11.41	11.58	11.46	0.87	ppb
Zirconium	91-1	11.59	11.36	11.58	11.51	1.10	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-16	Instrumnet Name :	P7
Client Sample ID :	MYD017	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:34:46	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24332.75	24475.57	24505.39	24437.90	0.38	ppb
Antimony	121-1	0.42	0.42	0.42	0.42	0.75	ppb
Arsenic	75-2	70.93	70.22	69.71	70.29	0.87	ppb
Barium	135-1	196.01	197.40	198.76	197.39	0.70	ppb
Barium	137-1	198.87	200.00	201.35	200.07	0.62	ppb
Beryllium	9-1	1.04	1.01	1.01	1.02	1.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.38	1.48	1.64	1.50	8.52	ppb
Cadmium	106-1	2.05	2.23	1.88	2.05	8.39	ppb
Cadmium	111-1	0.98	1.01	0.98	0.99	1.83	ppb
Calcium	43-1	23288.27	23462.59	23588.06	23446.31	0.64	ppb
Calcium	44-1	22507.84	22582.07	22477.12	22522.34	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.19	40.33	40.17	40.23	0.22	ppb
Cobalt	59-2	29.34	29.52	29.51	29.46	0.35	ppb
Copper	63-2	85.03	85.50	85.48	85.34	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	73120.66	72080.73	72628.65	72610.01	0.72	ppb
Iron	57-2	72030.78	71846.46	72000.99	71959.41	0.14	ppb
Iron	54-2	72817.32	72410.50	72439.15	72555.66	0.31	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-16	Instrumnet Name :	P7
Client Sample ID :	MYD017	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:34:46	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.64	52.14	52.61	52.46	0.53	ppb
Lead	207-1	52.86	52.57	53.06	52.83	0.46	ppb
Lead	208-1	51.65	51.57	51.95	51.72	0.39	ppb
Lithium	6-1				95		%
Magnesium	24-2	13397.11	13554.38	13516.70	13489.40	0.61	ppb
Manganese	55-2	1254.78	1247.90	1252.22	1251.63	0.28	ppb
Molybdenum	94-1	15.65	15.79	15.71	15.72	0.45	ppb
Molybdenum	95-1	0.76	0.77	0.78	0.77	1.62	ppb
Molybdenum	96-1	2.79	2.85	2.78	2.81	1.34	ppb
Molybdenum	97-1	0.74	0.72	0.77	0.74	3.71	ppb
Molybdenum	98-1	0.72	0.76	0.73	0.74	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.89	34.92	35.16	34.99	0.42	ppb
Phosphorus	31-2	2660.06	2676.29	2639.90	2658.75	0.69	ppb
Potassium	39-2	7148.17	7258.63	7276.63	7227.81	0.96	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.50	-0.02	0.04	0.18	159.87	ppb
Selenium	77-2	10.14	10.78	10.06	10.33	3.82	ppb
Selenium	78-2	1.57	1.38	2.03	1.66	20.35	ppb
Silicon	28-1	69.05	70.63	70.37	70.02	1.21	ppb
Silver	107-1	0.22	0.24	0.25	0.24	4.61	ppb
Silver	109-1	0.23	0.24	0.23	0.23	1.20	ppb
Sodium	23-2	135.10	136.06	135.81	135.66	0.37	ppb
Strontium	86-1	1558.27	1579.28	1589.57	1575.70	1.01	ppb
Strontium	88-1	1591.14	1567.36	1605.95	1588.15	1.23	ppb
Sulfur	34-1	-746.42	-650.35	-585.46	-660.75		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.23	0.23	0.23	2.60	ppb
Thallium	205-1	0.23	0.23	0.23	0.23	0.16	ppb
Tin	118-1	0.83	0.82	0.84	0.83	1.71	ppb
Titanium	47-1	608.65	609.90	615.29	611.28	0.58	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-16	Instrumnet Name :	P7
Client Sample ID :	MYD017	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:34:46	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.72	0.72	0.72	0.90	ppb
Vanadium	51-2	122.60	122.74	122.22	122.52	0.22	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	266.84	266.49	268.60	267.31	0.42	ppb
Zirconium	90-1	8.42	8.38	8.41	8.40	0.25	ppb
Zirconium	91-1	8.38	8.64	8.50	8.51	1.49	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-17	Instrumnet Name :	P7
Client Sample ID :	MYD018	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:37:54	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32969.23	33047.77	32859.88	32958.96	0.29	ppb
Antimony	121-1	0.48	0.48	0.45	0.47	3.60	ppb
Arsenic	75-2	101.34	101.31	102.07	101.57	0.42	ppb
Barium	135-1	271.54	273.32	275.12	273.33	0.65	ppb
Barium	137-1	282.14	279.82	284.73	282.23	0.87	ppb
Beryllium	9-1	1.31	1.27	1.28	1.28	1.61	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.25	1.77	1.81	1.94	13.74	ppb
Cadmium	106-1	3.62	3.08	2.51	3.07	18.09	ppb
Cadmium	111-1	1.41	1.42	1.35	1.39	2.54	ppb
Calcium	43-1	49353.21	49418.47	49844.25	49538.65	0.54	ppb
Calcium	44-1	48564.23	49090.79	49440.76	49031.93	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.94	50.17	49.19	49.77	1.03	ppb
Cobalt	59-2	35.13	35.37	35.01	35.17	0.53	ppb
Copper	63-2	101.48	103.07	101.98	102.17	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	83846.44	84617.82	83320.92	83928.39	0.78	ppb
Iron	57-2	83389.82	83704.46	82058.20	83050.82	1.05	ppb
Iron	54-2	83602.54	84108.85	83051.28	83587.56	0.63	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-17	Instrumnet Name :	P7
Client Sample ID :	MYD018	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:37:54	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	71.00	71.69	72.57	71.75	1.10	ppb
Lead	207-1	72.82	73.23	74.59	73.55	1.26	ppb
Lead	208-1	72.13	73.73	73.92	73.26	1.35	ppb
Lithium	6-1				97		%
Magnesium	24-2	17195.85	17164.24	17048.88	17136.32	0.45	ppb
Manganese	55-2	1755.60	1759.73	1729.25	1748.19	0.95	ppb
Molybdenum	94-1	15.80	16.22	16.26	16.10	1.57	ppb
Molybdenum	95-1	0.93	0.95	0.90	0.93	3.00	ppb
Molybdenum	96-1	3.05	3.07	3.03	3.05	0.52	ppb
Molybdenum	97-1	0.88	0.88	0.92	0.89	2.51	ppb
Molybdenum	98-1	0.87	0.87	0.86	0.87	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.80	46.70	46.23	46.58	0.66	ppb
Phosphorus	31-2	3234.02	3200.80	3181.76	3205.52	0.83	ppb
Potassium	39-2	9395.26	9564.25	9501.46	9486.99	0.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	0.61	0.68	0.28	0.52	41.27	ppb
Selenium	77-2	11.58	12.24	11.68	11.83	3.00	ppb
Selenium	78-2	2.70	2.35	2.31	2.45	8.68	ppb
Silicon	28-1	104.19	104.66	104.00	104.29	0.32	ppb
Silver	107-1	0.39	0.40	0.40	0.40	2.49	ppb
Silver	109-1	0.39	0.40	0.39	0.39	1.44	ppb
Sodium	23-2	147.18	150.36	147.59	148.38	1.17	ppb
Strontium	86-1	1607.96	1631.65	1636.14	1625.25	0.93	ppb
Strontium	88-1	1613.00	1657.89	1651.81	1640.90	1.48	ppb
Sulfur	34-1	-196.35	-102.72	-78.25	-125.77		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.30	0.28	0.30	0.29	4.34	ppb
Thallium	205-1	0.29	0.30	0.29	0.29	3.55	ppb
Tin	118-1	0.77	0.74	0.83	0.78	5.62	ppb
Titanium	47-1	634.96	641.18	636.88	637.68	0.50	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-17	Instrumnet Name :	P7
Client Sample ID :	MYD018	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:37:54	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.89	0.90	0.89	1.30	ppb
Vanadium	51-2	135.11	135.82	134.40	135.11	0.52	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	365.63	365.90	362.24	364.59	0.56	ppb
Zirconium	90-1	8.50	8.51	8.58	8.53	0.52	ppb
Zirconium	91-1	8.49	8.70	8.72	8.64	1.45	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-18	Instrumnet Name :	P7
Client Sample ID :	MYD019	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:40:56	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39687.39	39271.94	39296.07	39418.47	0.59	ppb
Antimony	121-1	0.43	0.44	0.43	0.43	1.38	ppb
Arsenic	75-2	89.96	90.33	90.88	90.39	0.51	ppb
Barium	135-1	378.41	374.75	377.69	376.95	0.51	ppb
Barium	137-1	381.08	379.26	386.10	382.15	0.93	ppb
Beryllium	9-1	1.67	1.75	1.71	1.71	2.45	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.60	1.60	1.50	1.57	3.59	ppb
Cadmium	106-1	3.54	2.32	3.32	3.06	21.18	ppb
Cadmium	111-1	0.98	0.87	1.02	0.95	8.10	ppb
Calcium	43-1	30773.69	31595.67	31258.89	31209.41	1.32	ppb
Calcium	44-1	30956.78	31491.55	31467.85	31305.39	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.20	59.38	59.27	59.28	0.16	ppb
Cobalt	59-2	53.52	53.38	53.60	53.50	0.21	ppb
Copper	63-2	136.04	135.98	135.91	135.98	0.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	120423.27	120186.40	120331.10	120313.59	0.10	ppb
Iron	57-2	119019.57	119380.78	118360.11	118920.16	0.44	ppb
Iron	54-2	121444.89	120367.65	119844.84	120552.46	0.68	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-18	Instrumnet Name :	P7
Client Sample ID :	MYD019	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:40:56	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.00	51.10	52.49	51.53	1.62	ppb
Lead	207-1	50.01	49.77	51.21	50.33	1.54	ppb
Lead	208-1	49.31	49.47	50.16	49.65	0.91	ppb
Lithium	6-1				97		%
Magnesium	24-2	20348.42	20211.78	20052.67	20204.29	0.73	ppb
Manganese	55-2	2111.14	2080.04	2093.55	2094.91	0.74	ppb
Molybdenum	94-1	20.47	20.95	20.63	20.68	1.19	ppb
Molybdenum	95-1	1.19	1.22	1.18	1.19	1.68	ppb
Molybdenum	96-1	3.92	4.03	3.99	3.98	1.39	ppb
Molybdenum	97-1	1.20	1.17	1.19	1.19	1.62	ppb
Molybdenum	98-1	1.16	1.19	1.15	1.17	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.82	57.08	57.09	57.00	0.27	ppb
Phosphorus	31-2	3523.72	3519.28	3474.48	3505.83	0.78	ppb
Potassium	39-2	7754.27	7839.22	7762.96	7785.48	0.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.58	0.37	0.52	0.49	21.96	ppb
Selenium	77-2	14.83	17.08	15.16	15.69	7.73	ppb
Selenium	78-2	4.33	2.54	2.87	3.24	29.36	ppb
Silicon	28-1	111.69	113.70	112.92	112.77	0.90	ppb
Silver	107-1	0.19	0.18	0.18	0.18	3.11	ppb
Silver	109-1	0.17	0.17	0.18	0.17	4.04	ppb
Sodium	23-2	145.30	147.96	146.16	146.47	0.93	ppb
Strontium	86-1	1759.53	1762.31	1743.88	1755.24	0.57	ppb
Strontium	88-1	1738.65	1745.34	1750.63	1744.87	0.34	ppb
Sulfur	34-1	-733.59	-713.66	-705.13	-717.46		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.30	0.31	0.32	0.31	3.79	ppb
Thallium	205-1	0.31	0.32	0.32	0.31	1.48	ppb
Tin	118-1	0.91	0.94	0.96	0.94	2.20	ppb
Titanium	47-1	669.80	684.17	680.14	678.04	1.09	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-18	Instrumnet Name :	P7
Client Sample ID :	MYD019	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:40:56	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.01	1.02	1.01	1.00	ppb
Vanadium	51-2	234.00	228.95	229.09	230.68	1.25	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	272.19	271.19	270.35	271.24	0.34	ppb
Zirconium	90-1	10.91	11.13	10.98	11.01	1.05	ppb
Zirconium	91-1	11.00	11.22	11.00	11.07	1.17	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-19	Instrumnet Name :	P7
Client Sample ID :	MYD020	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:44:01	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43723.06	43465.29	44193.39	43793.91	0.84	ppb
Antimony	121-1	0.37	0.40	0.42	0.39	7.18	ppb
Arsenic	75-2	127.47	128.18	129.18	128.28	0.67	ppb
Barium	135-1	400.91	435.41	441.30	425.87	5.12	ppb
Barium	137-1	402.79	441.62	448.87	431.10	5.75	ppb
Beryllium	9-1	1.60	1.76	1.79	1.71	6.09	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.32	2.55	2.49	2.45	4.91	ppb
Cadmium	106-1	3.57	4.13	4.21	3.97	8.87	ppb
Cadmium	111-1	1.46	1.70	1.69	1.62	8.63	ppb
Calcium	43-1	41659.30	45377.74	46613.29	44550.11	5.79	ppb
Calcium	44-1	41236.18	45469.23	45771.94	44159.12	5.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.19	55.00	55.36	55.18	0.32	ppb
Cobalt	59-2	47.68	46.97	47.34	47.33	0.75	ppb
Copper	63-2	149.79	149.04	150.18	149.67	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	103521.96	103264.73	104573.65	103786.78	0.67	ppb
Iron	57-2	102257.10	102855.81	103350.14	102821.02	0.53	ppb
Iron	54-2	104279.47	103001.95	103477.30	103586.24	0.62	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-19	Instrumnet Name :	P7
Client Sample ID :	MYD020	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:44:01	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	78.74	87.92	88.15	84.94	6.32	ppb
Lead	207-1	79.15	88.22	89.82	85.73	6.71	ppb
Lead	208-1	80.19	88.31	89.34	85.94	5.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	22440.04	22295.23	22482.39	22405.89	0.44	ppb
Manganese	55-2	2303.00	2304.54	2320.55	2309.36	0.42	ppb
Molybdenum	94-1	18.54	20.80	20.71	20.02	6.38	ppb
Molybdenum	95-1	0.87	0.96	0.97	0.94	5.75	ppb
Molybdenum	96-1	3.19	3.67	3.68	3.51	7.99	ppb
Molybdenum	97-1	0.84	0.95	0.96	0.92	7.26	ppb
Molybdenum	98-1	0.83	0.92	0.89	0.88	5.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.03	56.00	56.76	56.26	0.77	ppb
Phosphorus	31-2	3465.58	3528.84	3569.73	3521.38	1.49	ppb
Potassium	39-2	8353.65	8369.37	8420.29	8381.10	0.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	0.77	0.89	0.82	0.83	7.58	ppb
Selenium	77-2	17.13	17.08	15.32	16.51	6.22	ppb
Selenium	78-2	2.41	4.06	3.07	3.18	26.25	ppb
Silicon	28-1	120.18	135.05	138.16	131.13	7.33	ppb
Silver	107-1	0.41	0.45	0.43	0.43	5.06	ppb
Silver	109-1	0.40	0.44	0.44	0.43	5.47	ppb
Sodium	23-2	147.62	148.03	150.15	148.60	0.91	ppb
Strontium	86-1	1568.20	1717.90	1743.86	1676.65	5.66	ppb
Strontium	88-1	1576.31	1731.05	1751.23	1686.20	5.68	ppb
Sulfur	34-1	504.71	966.20	1133.85	868.25	37.52	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.42	0.46	0.46	0.44	5.18	ppb
Thallium	205-1	0.41	0.46	0.47	0.44	7.02	ppb
Tin	118-1	1.05	1.11	1.10	1.09	3.17	ppb
Titanium	47-1	377.87	418.71	426.22	407.60	6.38	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-19	Instrumnet Name :	P7
Client Sample ID :	MYD020	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:44:01	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	1.04	1.04	0.99	7.51	ppb
Vanadium	51-2	165.91	165.28	166.42	165.87	0.34	ppb
Yttrium	89-1				118		%
Yttrium	89-2				111		%
Zinc	66-2	396.60	395.13	397.55	396.43	0.31	ppb
Zirconium	90-1	9.90	10.96	11.12	10.66	6.20	ppb
Zirconium	91-1	10.01	11.04	11.19	10.75	5.96	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ70	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:50:18	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25843.90	25662.16	26045.25	25850.44	0.74	ppb
Antimony	121-1	0.22	0.24	0.23	0.23	5.23	ppb
Arsenic	75-2	77.11	76.86	75.50	76.49	1.14	ppb
Barium	135-1	253.55	279.64	278.97	270.72	5.49	ppb
Barium	137-1	263.28	287.04	289.31	279.87	5.15	ppb
Beryllium	9-1	0.95	1.05	1.09	1.03	7.04	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.21	2.35	2.15	2.24	4.64	ppb
Cadmium	106-1	2.29	2.50	2.16	2.32	7.27	ppb
Cadmium	111-1	1.47	1.67	1.65	1.60	6.86	ppb
Calcium	43-1	10574.67	11982.59	11782.11	11446.46	6.65	ppb
Calcium	44-1	10150.52	11608.98	11412.59	11057.36	7.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.80	50.24	50.77	50.60	0.63	ppb
Cobalt	59-2	34.74	34.78	34.74	34.75	0.07	ppb
Copper	63-2	126.05	125.90	126.79	126.25	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	73783.00	73570.00	73919.11	73757.37	0.24	ppb
Iron	57-2	73195.21	73111.38	73313.03	73206.54	0.14	ppb
Iron	54-2	74261.78	73893.87	74207.67	74121.11	0.27	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ70	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:50:18	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	83.42	94.47	93.68	90.52	6.81	ppb
Lead	207-1	83.84	93.98	94.30	90.71	6.55	ppb
Lead	208-1	84.47	94.44	94.89	91.27	6.45	ppb
Lithium	6-1				94		%
Magnesium	24-2	13892.13	13623.07	13691.54	13735.58	1.02	ppb
Manganese	55-2	1465.13	1464.91	1435.92	1455.32	1.15	ppb
Molybdenum	94-1	14.42	16.25	16.32	15.66	6.88	ppb
Molybdenum	95-1	0.93	1.09	1.04	1.02	8.15	ppb
Molybdenum	96-1	2.76	3.17	3.21	3.05	8.17	ppb
Molybdenum	97-1	0.95	1.01	1.01	0.99	3.58	ppb
Molybdenum	98-1	0.91	1.03	1.05	1.00	7.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.62	40.26	40.67	40.52	0.55	ppb
Phosphorus	31-2	3333.56	3264.57	3271.18	3289.77	1.16	ppb
Potassium	39-2	10359.06	10146.75	10351.50	10285.77	1.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	0.23	0.10	-0.18	0.05	427.50	ppb
Selenium	77-2	11.08	10.77	12.31	11.39	7.12	ppb
Selenium	78-2	2.16	2.76	1.68	2.20	24.57	ppb
Silicon	28-1	38.27	51.53	42.53	44.11	15.35	ppb
Silver	107-1	0.36	0.41	0.40	0.39	6.97	ppb
Silver	109-1	0.37	0.41	0.39	0.39	5.44	ppb
Sodium	23-2	192.70	195.18	190.56	192.81	1.20	ppb
Strontium	86-1	1240.88	1384.01	1376.36	1333.75	6.04	ppb
Strontium	88-1	1272.68	1382.55	1402.85	1352.69	5.18	ppb
Sulfur	34-1	-888.94	-574.07	-630.84	-697.95		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.26	0.27	0.26	0.26	2.43	ppb
Thallium	205-1	0.23	0.27	0.26	0.25	9.30	ppb
Tin	118-1	1.03	1.12	1.12	1.09	4.82	ppb
Titanium	47-1	599.05	682.44	682.47	654.65	7.36	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ70	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:50:18	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.91	0.92	0.88	7.29	ppb
Vanadium	51-2	113.59	113.82	113.61	113.68	0.11	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	410.81	408.97	414.34	411.37	0.66	ppb
Zirconium	90-1	7.67	8.62	8.56	8.29	6.42	ppb
Zirconium	91-1	7.67	8.65	8.73	8.35	7.10	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ71	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:53:21	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23415.36	23303.70	23691.43	23470.17	0.85	ppb
Antimony	121-1	0.39	0.41	0.44	0.41	6.54	ppb
Arsenic	75-2	50.73	50.85	50.41	50.67	0.45	ppb
Barium	135-1	300.96	301.17	338.18	313.44	6.84	ppb
Barium	137-1	306.33	308.08	341.69	318.70	6.25	ppb
Beryllium	9-1	1.03	1.02	1.16	1.07	7.11	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.21	1.99	2.32	2.17	7.88	ppb
Cadmium	106-1	2.30	2.15	2.96	2.47	17.26	ppb
Cadmium	111-1	1.38	1.39	1.59	1.45	8.25	ppb
Calcium	43-1	20708.79	20954.20	23218.20	21627.06	6.40	ppb
Calcium	44-1	20060.16	19975.04	22277.74	20770.98	6.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.92	53.83	54.71	54.15	0.89	ppb
Cobalt	59-2	28.33	28.20	28.36	28.29	0.29	ppb
Copper	63-2	254.38	250.75	252.88	252.67	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	58385.28	58013.76	58511.14	58303.39	0.44	ppb
Iron	57-2	57204.62	57094.50	57677.92	57325.68	0.54	ppb
Iron	54-2	57940.72	58202.95	58840.92	58328.20	0.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ71	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:53:21	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	79.76	79.91	89.63	83.10	6.81	ppb
Lead	207-1	79.82	78.76	88.86	82.48	6.73	ppb
Lead	208-1	80.31	80.63	89.95	83.63	6.55	ppb
Lithium	6-1				88		%
Magnesium	24-2	13015.20	13017.03	13113.64	13048.62	0.43	ppb
Manganese	55-2	1310.54	1318.38	1314.77	1314.57	0.30	ppb
Molybdenum	94-1	18.29	18.44	20.52	19.08	6.55	ppb
Molybdenum	95-1	1.08	1.08	1.17	1.11	4.67	ppb
Molybdenum	96-1	3.30	3.25	3.60	3.38	5.56	ppb
Molybdenum	97-1	1.08	1.10	1.23	1.14	7.01	ppb
Molybdenum	98-1	1.07	1.07	1.18	1.11	5.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.00	45.76	46.69	46.15	1.04	ppb
Phosphorus	31-2	4394.98	4407.43	4356.06	4386.16	0.61	ppb
Potassium	39-2	10281.07	10268.31	10307.13	10285.50	0.19	ppb
Rhodium	103-1				91		%
Rhodium	103-2				96		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	82-1	-0.08	0.62	0.62	0.39	103.67	ppb
Selenium	77-2	11.40	10.79	11.85	11.35	4.68	ppb
Selenium	78-2	1.98	2.35	0.86	1.73	44.83	ppb
Silicon	28-1	66.89	68.05	93.08	76.01	19.47	ppb
Silver	107-1	0.32	0.32	0.35	0.33	5.32	ppb
Silver	109-1	0.31	0.32	0.36	0.33	8.43	ppb
Sodium	23-2	210.03	209.78	211.73	210.51	0.50	ppb
Strontium	86-1	2246.63	2273.45	2510.99	2343.69	6.21	ppb
Strontium	88-1	2285.44	2275.06	2515.83	2358.78	5.77	ppb
Sulfur	34-1	-206.05	-151.06	270.00	-29.03		ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	0.23	0.24	0.27	0.25	7.39	ppb
Thallium	205-1	0.25	0.24	0.27	0.25	6.89	ppb
Tin	118-1	1.21	1.23	1.44	1.29	9.80	ppb
Titanium	47-1	505.98	514.14	566.89	529.00	6.25	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ71	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:53:21	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.84	0.93	0.87	6.09	ppb
Vanadium	51-2	93.03	92.66	93.35	93.01	0.37	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	362.56	360.67	364.16	362.46	0.48	ppb
Zirconium	90-1	9.73	9.75	10.84	10.11	6.31	ppb
Zirconium	91-1	9.73	9.79	10.84	10.12	6.18	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ72	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:56:26	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27548.25	27748.63	27494.55	27597.14	0.49	ppb
Antimony	121-1	0.43	0.40	0.42	0.42	4.34	ppb
Arsenic	75-2	68.38	66.81	67.64	67.61	1.16	ppb
Barium	135-1	326.60	329.31	329.72	328.54	0.52	ppb
Barium	137-1	336.29	336.95	336.55	336.60	0.10	ppb
Beryllium	9-1	1.12	1.15	1.06	1.11	4.16	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.33	2.65	2.68	2.55	7.61	ppb
Cadmium	106-1	2.82	2.53	2.11	2.49	14.26	ppb
Cadmium	111-1	1.72	1.74	1.70	1.72	1.27	ppb
Calcium	43-1	24658.94	24795.11	24740.96	24731.67	0.28	ppb
Calcium	44-1	23895.83	24048.05	24025.25	23989.71	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.52	51.18	50.85	51.18	0.65	ppb
Cobalt	59-2	31.85	31.30	31.39	31.52	0.93	ppb
Copper	63-2	126.73	124.89	125.47	125.70	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	70247.50	69905.84	68760.62	69637.99	1.12	ppb
Iron	57-2	69317.50	68714.98	68243.36	68758.62	0.78	ppb
Iron	54-2	71075.55	70655.43	69523.46	70418.15	1.14	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ72	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:56:26	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.87	126.79	125.34	125.33	1.17	ppb
Lead	207-1	121.66	124.97	124.87	123.83	1.52	ppb
Lead	208-1	124.43	126.43	125.81	125.56	0.81	ppb
Lithium	6-1				91		%
Magnesium	24-2	15071.55	14782.39	14982.30	14945.41	0.99	ppb
Manganese	55-2	1566.35	1546.92	1536.24	1549.84	0.98	ppb
Molybdenum	94-1	19.22	19.71	19.46	19.46	1.26	ppb
Molybdenum	95-1	1.04	0.97	1.04	1.02	3.73	ppb
Molybdenum	96-1	3.35	3.40	3.42	3.39	1.09	ppb
Molybdenum	97-1	0.99	1.01	1.05	1.02	3.31	ppb
Molybdenum	98-1	0.94	0.97	1.01	0.97	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.84	44.39	44.10	44.11	0.62	ppb
Phosphorus	31-2	4861.84	4945.40	4894.17	4900.47	0.86	ppb
Potassium	39-2	11263.52	11195.05	11267.63	11242.07	0.36	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.64	0.39	0.68	0.57	27.41	ppb
Selenium	77-2	12.74	13.34	12.68	12.92	2.85	ppb
Selenium	78-2	2.00	2.56	2.39	2.32	12.42	ppb
Silicon	28-1	67.68	64.88	68.03	66.86	2.58	ppb
Silver	107-1	0.57	0.58	0.60	0.58	1.81	ppb
Silver	109-1	0.59	0.57	0.59	0.58	2.61	ppb
Sodium	23-2	226.43	224.22	222.09	224.25	0.97	ppb
Strontium	86-1	2579.03	2607.51	2698.12	2628.22	2.37	ppb
Strontium	88-1	2628.79	2649.95	2652.81	2643.85	0.50	ppb
Sulfur	34-1	-45.54	-44.48	5.87	-28.05		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.25	0.28	0.28	0.27	6.36	ppb
Thallium	205-1	0.27	0.28	0.27	0.27	1.94	ppb
Tin	118-1	2.32	2.30	2.31	2.31	0.37	ppb
Titanium	47-1	607.12	600.00	609.86	605.66	0.84	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ72	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:56:26	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.02	1.04	1.03	0.97	ppb
Vanadium	51-2	106.23	106.35	105.82	106.13	0.27	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	472.88	470.12	465.75	469.58	0.77	ppb
Zirconium	90-1	10.17	10.28	10.41	10.28	1.19	ppb
Zirconium	91-1	10.30	10.34	10.43	10.36	0.67	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ73	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:59:30	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27641.59	27544.46	27944.44	27710.16	0.75	ppb
Antimony	121-1	0.58	0.61	0.58	0.59	2.54	ppb
Arsenic	75-2	136.57	135.73	136.46	136.25	0.34	ppb
Barium	135-1	340.91	344.46	343.38	342.92	0.53	ppb
Barium	137-1	354.31	354.88	349.21	352.80	0.89	ppb
Beryllium	9-1	1.18	1.08	1.24	1.17	6.89	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.57	3.49	3.30	3.45	4.02	ppb
Cadmium	106-1	3.18	3.06	2.83	3.02	5.87	ppb
Cadmium	111-1	2.72	2.65	2.65	2.67	1.53	ppb
Calcium	43-1	16985.57	17328.12	17119.95	17144.55	1.01	ppb
Calcium	44-1	16624.61	16856.17	16536.43	16672.40	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.52	54.01	54.83	54.45	0.76	ppb
Cobalt	59-2	37.28	37.25	37.96	37.50	1.07	ppb
Copper	63-2	146.63	146.73	147.81	147.06	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	79999.53	79492.45	79881.32	79791.10	0.33	ppb
Iron	57-2	78794.67	78387.29	79146.00	78775.99	0.48	ppb
Iron	54-2	79925.02	79211.80	80196.81	79777.88	0.64	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ73	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:59:30	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	223.00	225.91	222.69	223.87	0.79	ppb
Lead	207-1	231.56	235.78	235.52	234.29	1.01	ppb
Lead	208-1	225.39	228.90	229.20	227.83	0.93	ppb
Lithium	6-1				91		%
Magnesium	24-2	14762.88	14729.06	14964.72	14818.88	0.86	ppb
Manganese	55-2	1582.66	1585.96	1600.80	1589.81	0.61	ppb
Molybdenum	94-1	17.83	18.44	18.43	18.23	1.94	ppb
Molybdenum	95-1	1.41	1.46	1.48	1.45	2.44	ppb
Molybdenum	96-1	3.68	3.72	3.73	3.71	0.78	ppb
Molybdenum	97-1	1.42	1.47	1.48	1.46	2.30	ppb
Molybdenum	98-1	1.42	1.41	1.43	1.42	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.65	42.44	43.09	43.06	1.41	ppb
Phosphorus	31-2	3805.45	3818.18	3898.14	3840.59	1.31	ppb
Potassium	39-2	10798.49	10772.53	10895.56	10822.19	0.60	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	1.06	1.36	1.22	1.21	12.27	ppb
Selenium	77-2	13.53	11.12	13.84	12.83	11.60	ppb
Selenium	78-2	2.54	2.94	2.93	2.80	8.08	ppb
Silicon	28-1	67.73	68.76	69.36	68.62	1.20	ppb
Silver	107-1	0.84	0.83	0.82	0.83	0.80	ppb
Silver	109-1	0.82	0.84	0.84	0.83	1.43	ppb
Sodium	23-2	191.94	191.30	195.15	192.80	1.07	ppb
Strontium	86-1	2102.33	2127.05	2143.31	2124.23	0.97	ppb
Strontium	88-1	2127.50	2154.95	2186.51	2156.32	1.37	ppb
Sulfur	34-1	473.01	558.06	462.33	497.80	10.54	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.30	0.30	0.29	0.30	2.38	ppb
Thallium	205-1	0.29	0.30	0.29	0.29	2.13	ppb
Tin	118-1	5.35	5.41	5.37	5.38	0.49	ppb
Titanium	47-1	669.12	680.63	677.37	675.71	0.88	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ73	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:59:30	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	0.98	1.00	0.99	0.88	ppb
Vanadium	51-2	119.21	118.35	119.33	118.96	0.45	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	718.22	708.51	720.10	715.61	0.87	ppb
Zirconium	90-1	9.31	9.47	9.52	9.43	1.15	ppb
Zirconium	91-1	9.35	9.49	9.64	9.50	1.53	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ74	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:02:33	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31835.73	31877.68	31793.15	31835.52	0.13	ppb
Antimony	121-1	0.29	0.30	0.30	0.29	2.40	ppb
Arsenic	75-2	82.17	82.27	83.18	82.54	0.68	ppb
Barium	135-1	379.78	386.42	382.96	383.05	0.87	ppb
Barium	137-1	385.13	397.05	397.76	393.31	1.80	ppb
Beryllium	9-1	1.29	1.26	1.26	1.27	1.53	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.68	2.47	2.94	2.70	8.81	ppb
Cadmium	106-1	3.07	3.21	3.02	3.10	3.13	ppb
Cadmium	111-1	1.86	1.96	1.76	1.86	5.37	ppb
Calcium	43-1	19436.30	19744.30	19901.99	19694.20	1.20	ppb
Calcium	44-1	18861.80	18911.77	19274.00	19015.86	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.25	61.46	61.61	61.44	0.30	ppb
Cobalt	59-2	39.89	39.83	39.90	39.87	0.10	ppb
Copper	63-2	122.66	122.95	123.94	123.18	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	86266.14	86702.64	87592.85	86853.88	0.78	ppb
Iron	57-2	84925.69	84508.64	86003.21	85145.85	0.91	ppb
Iron	54-2	86775.96	86717.54	86547.00	86680.17	0.14	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ74	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:02:33	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	149.84	153.73	150.57	151.38	1.37	ppb
Lead	207-1	140.32	145.07	145.46	143.62	1.99	ppb
Lead	208-1	144.32	148.39	149.44	147.39	1.84	ppb
Lithium	6-1				92		%
Magnesium	24-2	16827.08	16854.16	17020.76	16900.67	0.62	ppb
Manganese	55-2	1846.63	1842.06	1853.63	1847.44	0.32	ppb
Molybdenum	94-1	18.46	18.82	18.82	18.70	1.11	ppb
Molybdenum	95-1	1.29	1.33	1.32	1.32	1.55	ppb
Molybdenum	96-1	3.68	3.66	3.66	3.67	0.28	ppb
Molybdenum	97-1	1.34	1.31	1.26	1.30	3.08	ppb
Molybdenum	98-1	1.26	1.29	1.25	1.27	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.24	48.93	49.31	49.16	0.40	ppb
Phosphorus	31-2	4272.56	4255.66	4258.46	4262.23	0.21	ppb
Potassium	39-2	12665.30	12487.95	12661.49	12604.91	0.80	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	1.02	0.67	0.59	0.76	30.22	ppb
Selenium	77-2	11.69	12.12	12.68	12.16	4.09	ppb
Selenium	78-2	2.24	2.34	2.56	2.38	6.96	ppb
Silicon	28-1	42.42	42.96	43.48	42.95	1.23	ppb
Silver	107-1	0.35	0.36	0.37	0.36	3.34	ppb
Silver	109-1	0.35	0.36	0.35	0.35	2.53	ppb
Sodium	23-2	207.79	205.47	205.46	206.24	0.65	ppb
Strontium	86-1	2375.81	2383.36	2391.59	2383.59	0.33	ppb
Strontium	88-1	2394.77	2413.10	2394.93	2400.93	0.44	ppb
Sulfur	34-1	119.85	178.27	259.23	185.78	37.68	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.31	0.31	0.32	0.31	1.37	ppb
Thallium	205-1	0.32	0.32	0.32	0.32	1.41	ppb
Tin	118-1	2.85	2.83	2.80	2.83	0.93	ppb
Titanium	47-1	732.21	756.29	744.00	744.17	1.62	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ74	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:02:33	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.07	1.07	1.06	1.45	ppb
Vanadium	51-2	122.50	122.47	123.17	122.71	0.32	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	577.49	578.87	582.23	579.53	0.42	ppb
Zirconium	90-1	9.59	9.66	9.76	9.67	0.86	ppb
Zirconium	91-1	9.66	9.89	9.82	9.79	1.21	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ75	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:05:35	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38179.78	37979.96	38246.72	38135.48	0.36	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	1.48	ppb
Arsenic	75-2	54.37	55.03	55.64	55.02	1.15	ppb
Barium	135-1	447.25	453.45	454.51	451.74	0.87	ppb
Barium	137-1	450.80	454.99	452.95	452.91	0.46	ppb
Beryllium	9-1	1.41	1.45	1.42	1.42	1.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.73	1.41	1.96	1.70	16.17	ppb
Cadmium	106-1	2.74	3.50	2.37	2.87	20.02	ppb
Cadmium	111-1	0.60	0.72	0.57	0.63	12.08	ppb
Calcium	43-1	49808.09	49636.19	49573.82	49672.70	0.24	ppb
Calcium	44-1	49098.77	49513.35	49136.70	49249.60	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.43	49.80	50.16	49.80	0.73	ppb
Cobalt	59-2	39.27	39.67	39.61	39.52	0.55	ppb
Copper	63-2	75.91	75.89	75.63	75.81	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	75784.19	76063.63	75772.34	75873.39	0.22	ppb
Iron	57-2	74848.41	75307.53	74481.28	74879.07	0.55	ppb
Iron	54-2	75726.63	75994.40	76159.50	75960.18	0.29	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ75	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:05:35	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.10	34.76	35.04	34.63	1.39	ppb
Lead	207-1	33.48	33.88	34.08	33.81	0.90	ppb
Lead	208-1	33.13	33.52	33.67	33.44	0.84	ppb
Lithium	6-1				92		%
Magnesium	24-2	21308.73	21449.21	21263.82	21340.59	0.45	ppb
Manganese	55-2	1963.16	1975.21	1959.42	1965.93	0.42	ppb
Molybdenum	94-1	23.83	24.18	24.22	24.08	0.91	ppb
Molybdenum	95-1	0.50	0.53	0.48	0.50	4.78	ppb
Molybdenum	96-1	3.42	3.52	3.57	3.51	2.19	ppb
Molybdenum	97-1	0.47	0.48	0.52	0.49	6.20	ppb
Molybdenum	98-1	0.49	0.49	0.51	0.50	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.93	48.40	48.24	48.19	0.49	ppb
Phosphorus	31-2	2385.37	2432.31	2363.36	2393.68	1.47	ppb
Potassium	39-2	5106.60	5126.38	5073.04	5102.01	0.53	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.12	0.29	0.40	0.27	51.65	ppb
Selenium	77-2	13.49	13.41	14.09	13.66	2.70	ppb
Selenium	78-2	3.23	2.47	2.87	2.86	13.35	ppb
Silicon	28-1	71.80	74.09	72.99	72.96	1.57	ppb
Silver	107-1	0.11	0.11	0.12	0.11	3.30	ppb
Silver	109-1	0.11	0.11	0.10	0.11	2.97	ppb
Sodium	23-2	151.41	152.27	151.14	151.60	0.39	ppb
Strontium	86-1	3597.02	3670.50	3697.09	3654.87	1.42	ppb
Strontium	88-1	3658.22	3725.01	3699.74	3694.32	0.91	ppb
Sulfur	34-1	-634.99	-513.49	-526.57	-558.35		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.29	0.28	0.29	0.29	1.78	ppb
Thallium	205-1	0.28	0.28	0.30	0.29	3.21	ppb
Tin	118-1	0.34	0.36	0.38	0.36	4.34	ppb
Titanium	47-1	393.54	398.67	398.28	396.83	0.72	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ75	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:05:35	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.88	0.88	0.87	1.16	ppb
Vanadium	51-2	118.77	119.85	119.20	119.27	0.46	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	206.28	207.89	207.64	207.27	0.42	ppb
Zirconium	90-1	12.95	13.13	13.26	13.11	1.19	ppb
Zirconium	91-1	12.95	13.37	13.36	13.23	1.80	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:08:43	DataFile Name :	132CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49031.07	49321.84	49504.67	49285.86	0.48	ppb
Antimony	121-1	480.49	508.98	511.73	500.40	3.46	ppb
Arsenic	75-2	510.29	512.26	513.12	511.89	0.28	ppb
Barium	135-1	2430.68	2574.50	2566.38	2523.86	3.20	ppb
Barium	137-1	2461.60	2588.50	2565.74	2538.61	2.67	ppb
Beryllium	9-1	472.63	495.94	489.99	486.19	2.49	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	494.09	523.85	528.71	515.55	3.63	ppb
Cadmium	106-1	498.14	526.06	520.92	515.04	2.89	ppb
Cadmium	111-1	504.24	532.94	535.19	524.13	3.29	ppb
Calcium	43-1	242279.54	242542.78	246386.79	243736.37	0.94	ppb
Calcium	44-1	240546.81	244774.98	249530.74	244950.84	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.04	498.78	497.70	500.17	0.68	ppb
Cobalt	59-2	490.98	494.25	491.09	492.11	0.38	ppb
Copper	63-2	4789.34	4769.85	4765.58	4774.92	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	125989.02	124631.06	125320.03	125313.37	0.54	ppb
Iron	57-2	123726.62	124137.31	124979.50	124281.14	0.51	ppb
Iron	54-2	126196.27	125581.17	125860.01	125879.15	0.24	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:08:43	DataFile Name :	132CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2530.66	2635.51	2682.87	2616.35	2.98	ppb
Lead	207-1	2511.31	2610.95	2615.72	2579.33	2.29	ppb
Lead	208-1	2495.57	2596.50	2633.01	2575.03	2.76	ppb
Lithium	6-1				92		%
Magnesium	24-2	243871.77	243484.16	247026.80	244794.24	0.79	ppb
Manganese	55-2	4915.14	4875.10	4925.62	4905.28	0.54	ppb
Molybdenum	94-1	4848.82	5146.93	5162.99	5052.91	3.50	ppb
Molybdenum	95-1	4841.91	5135.02	5152.49	5043.14	3.46	ppb
Molybdenum	96-1	4852.75	5104.98	5153.78	5037.17	3.21	ppb
Molybdenum	97-1	4890.38	5124.04	5180.41	5064.95	3.04	ppb
Molybdenum	98-1	4851.35	5080.36	5121.61	5017.77	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.86	507.69	508.46	509.00	0.32	ppb
Phosphorus	31-2	9757.52	9657.63	9803.05	9739.40	0.76	ppb
Potassium	39-2	122332.94	122478.52	122776.77	122529.41	0.18	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	82-1	485.59	509.28	513.93	502.93	3.02	ppb
Selenium	77-2	497.19	499.47	494.82	497.16	0.47	ppb
Selenium	78-2	495.29	503.88	504.49	501.22	1.03	ppb
Silicon	28-1	496.60	500.54	515.57	504.24	1.98	ppb
Silver	107-1	495.98	522.38	527.73	515.36	3.30	ppb
Silver	109-1	503.77	528.68	524.94	519.13	2.59	ppb
Sodium	23-2	243130.83	241623.73	243160.02	242638.20	0.36	ppb
Strontium	86-1	12169.65	12958.07	13163.48	12763.73	4.11	ppb
Strontium	88-1	12150.63	12848.55	12949.07	12649.42	3.44	ppb
Sulfur	34-1	9034.36	9115.23	9282.36	9143.98	1.38	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	505.80	523.96	534.72	521.49	2.80	ppb
Thallium	205-1	506.93	523.15	533.26	521.11	2.55	ppb
Tin	118-1	488.62	512.73	516.43	505.93	2.98	ppb
Titanium	47-1	4884.22	5013.49	5119.75	5005.82	2.36	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:08:43	DataFile Name :	132CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	503.59	524.77	537.19	521.85	3.26	ppb
Vanadium	51-2	511.07	499.22	504.97	505.09	1.17	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	4857.84	4880.28	4862.70	4866.94	0.24	ppb
Zirconium	90-1	485.93	516.43	521.32	507.89	3.78	ppb
Zirconium	91-1	492.07	516.11	525.29	511.16	3.36	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:11:24	DataFile Name :	133CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.27	0.33	0.23	53.46	ppb
Antimony	121-1	0.20	0.17	0.16	0.18	11.46	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	26.69	ppb
Barium	135-1	0.08	0.05	0.04	0.06	42.60	ppb
Barium	137-1	0.08	0.04	0.02	0.05	65.68	ppb
Beryllium	9-1	0.06	0.04	0.02	0.04	42.11	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.01	0.01	0.01	9.09	ppb
Cadmium	106-1	-0.49	-0.28	-0.96	-0.58		ppb
Cadmium	111-1	-0.02	-0.01	-0.06	-0.03		ppb
Calcium	43-1	7.73	1.62	-0.01	3.11	131.01	ppb
Calcium	44-1	2.36	-2.08	-2.37	-0.70		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.07	-0.03	-0.06		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	128.43	ppb
Copper	63-2	0.05	0.05	0.02	0.04	38.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	1.34	1.10	1.09	1.17	12.05	ppb
Iron	57-2	-0.15	-0.18	-0.42	-0.25		ppb
Iron	54-2	1.07	0.04	0.34	0.49	109.07	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:11:24	DataFile Name :	133CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.04	0.03	0.05	38.35	ppb
Lead	207-1	0.08	0.05	0.03	0.05	39.86	ppb
Lead	208-1	0.07	0.04	0.03	0.05	40.20	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.68	1.35	1.42	1.48	11.88	ppb
Manganese	55-2	0.00	0.01	0.02	0.01	66.18	ppb
Molybdenum	94-1	0.26	0.17	0.15	0.19	29.17	ppb
Molybdenum	95-1	0.24	0.14	0.11	0.16	40.70	ppb
Molybdenum	96-1	0.23	0.16	0.12	0.17	36.21	ppb
Molybdenum	97-1	0.22	0.16	0.09	0.16	40.82	ppb
Molybdenum	98-1	0.25	0.16	0.12	0.18	37.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.00	-0.06	-0.04		ppb
Phosphorus	31-2	-24.05	-20.74	-21.79	-22.20		ppb
Potassium	39-2	3.93	4.33	3.04	3.77	17.54	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	-0.61	-0.68	-0.82	-0.70		ppb
Selenium	77-2	-0.04	-0.04	0.08	0.00	3850.37	ppb
Selenium	78-2	-0.42	-1.51	-0.81	-0.91		ppb
Silicon	28-1	-3.34	-3.31	-3.33	-3.33		ppb
Silver	107-1	0.06	0.05	0.04	0.05	23.01	ppb
Silver	109-1	0.06	0.05	0.04	0.05	18.64	ppb
Sodium	23-2	1.00	1.49	0.21	0.90	71.94	ppb
Strontium	86-1	0.15	-0.22	0.23	0.05	451.77	ppb
Strontium	88-1	0.39	0.24	0.15	0.26	46.37	ppb
Sulfur	34-1	-745.06	-684.45	-666.63	-698.72		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.03	0.03	12.53	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	18.95	ppb
Tin	118-1	-0.05	-0.06	-0.07	-0.06		ppb
Titanium	47-1	0.17	0.11	0.04	0.11	61.76	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:11:24	DataFile Name :	133CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	42.66	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	58.12	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	0.11	0.11	0.06	0.09	30.76	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	30.09	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	29.61	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ69	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:14:41	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24842.24	24585.81	25072.74	24833.60	0.98	ppb
Antimony	121-1	0.63	0.62	0.63	0.63	0.76	ppb
Arsenic	75-2	65.40	65.35	65.19	65.31	0.16	ppb
Barium	135-1	264.43	270.43	271.26	268.71	1.39	ppb
Barium	137-1	272.60	280.16	279.11	277.29	1.48	ppb
Beryllium	9-1	1.02	1.00	1.05	1.02	2.39	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.02	1.89	2.08	2.00	4.78	ppb
Cadmium	106-1	2.81	2.22	2.00	2.34	18.06	ppb
Cadmium	111-1	1.34	1.26	1.31	1.30	3.14	ppb
Calcium	43-1	18813.88	19744.12	19747.62	19435.21	2.77	ppb
Calcium	44-1	18274.98	18942.93	18921.32	18713.08	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.51	44.35	44.61	44.49	0.29	ppb
Cobalt	59-2	29.36	29.10	29.35	29.27	0.50	ppb
Copper	63-2	105.55	105.69	105.72	105.65	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	65168.20	65143.11	65538.33	65283.21	0.34	ppb
Iron	57-2	63678.55	64945.94	64307.02	64310.50	0.99	ppb
Iron	54-2	65800.65	64792.58	64934.29	65175.84	0.84	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ69	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:14:41	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	76.66	79.12	78.85	78.21	1.73	ppb
Lead	207-1	77.01	78.66	78.70	78.13	1.24	ppb
Lead	208-1	77.70	79.92	78.54	78.72	1.43	ppb
Lithium	6-1				93		%
Magnesium	24-2	13062.92	13096.07	13333.61	13164.20	1.12	ppb
Manganese	55-2	1377.30	1373.48	1378.90	1376.56	0.20	ppb
Molybdenum	94-1	14.86	15.27	15.61	15.25	2.49	ppb
Molybdenum	95-1	1.03	1.06	1.08	1.06	2.66	ppb
Molybdenum	96-1	2.93	2.98	2.99	2.96	1.14	ppb
Molybdenum	97-1	1.00	1.06	1.05	1.04	3.39	ppb
Molybdenum	98-1	0.99	1.04	1.06	1.03	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.66	37.49	37.81	37.65	0.43	ppb
Phosphorus	31-2	4747.84	4653.43	4755.84	4719.04	1.21	ppb
Potassium	39-2	9489.54	9512.52	9705.21	9569.09	1.24	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.25	0.10	0.32	0.22	50.48	ppb
Selenium	77-2	11.16	11.06	9.94	10.72	6.31	ppb
Selenium	78-2	2.29	2.86	2.59	2.58	11.04	ppb
Silicon	28-1	58.36	59.27	59.96	59.20	1.35	ppb
Silver	107-1	0.34	0.35	0.34	0.34	0.98	ppb
Silver	109-1	0.33	0.34	0.34	0.34	2.32	ppb
Sodium	23-2	304.25	305.58	305.62	305.15	0.26	ppb
Strontium	86-1	1704.46	1753.22	1782.66	1746.78	2.26	ppb
Strontium	88-1	1725.39	1796.25	1804.63	1775.42	2.45	ppb
Sulfur	34-1	174.03	286.67	197.53	219.41	27.08	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.24	0.25	0.25	0.25	3.37	ppb
Thallium	205-1	0.24	0.24	0.25	0.24	3.44	ppb
Tin	118-1	0.88	0.87	0.91	0.89	2.75	ppb
Titanium	47-1	542.90	570.03	569.80	560.91	2.78	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ69	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:14:41	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.86	0.86	0.86	0.62	ppb
Vanadium	51-2	98.96	98.33	99.26	98.85	0.48	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	419.53	420.62	421.43	420.53	0.23	ppb
Zirconium	90-1	7.74	8.04	8.18	7.99	2.78	ppb
Zirconium	91-1	7.89	8.15	8.19	8.08	2.01	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ76	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:17:45	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25381.48	25406.17	25388.25	25391.97	0.05	ppb
Antimony	121-1	0.70	0.76	0.75	0.74	4.28	ppb
Arsenic	75-2	180.86	180.77	180.83	180.82	0.02	ppb
Barium	135-1	279.98	279.32	286.97	282.09	1.50	ppb
Barium	137-1	289.49	290.70	299.79	293.33	1.92	ppb
Beryllium	9-1	1.19	1.33	1.23	1.25	6.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.79	6.92	6.58	6.76	2.52	ppb
Cadmium	106-1	7.95	7.08	8.05	7.69	6.93	ppb
Cadmium	111-1	6.19	6.33	6.47	6.33	2.21	ppb
Calcium	43-1	8301.79	8328.82	8452.27	8360.96	0.96	ppb
Calcium	44-1	7875.32	8064.63	8153.79	8031.25	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.16	37.44	38.25	37.95	1.17	ppb
Cobalt	59-2	29.58	29.31	29.62	29.50	0.56	ppb
Copper	63-2	150.02	149.22	150.74	150.00	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	71427.52	70632.27	71942.11	71333.97	0.93	ppb
Iron	57-2	70957.68	70140.55	70114.58	70404.27	0.68	ppb
Iron	54-2	72174.29	71402.32	72077.68	71884.76	0.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ76	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:17:45	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	762.20	784.28	770.20	772.23	1.45	ppb
Lead	207-1	790.67	818.51	797.33	802.17	1.81	ppb
Lead	208-1	770.27	792.00	780.15	780.81	1.39	ppb
Lithium	6-1				94		%
Magnesium	24-2	10967.79	10642.19	10785.76	10798.58	1.51	ppb
Manganese	55-2	1288.84	1287.43	1288.09	1288.12	0.05	ppb
Molybdenum	94-1	21.04	21.63	21.68	21.45	1.67	ppb
Molybdenum	95-1	0.85	0.86	0.88	0.87	2.11	ppb
Molybdenum	96-1	3.50	3.48	3.53	3.51	0.71	ppb
Molybdenum	97-1	0.84	0.87	0.86	0.85	1.80	ppb
Molybdenum	98-1	0.82	0.86	0.83	0.84	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.08	33.10	33.28	33.15	0.33	ppb
Phosphorus	31-2	1771.95	1803.48	1778.40	1784.61	0.93	ppb
Potassium	39-2	6297.73	6220.56	6248.00	6255.43	0.63	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	1.69	1.99	1.34	1.68	19.35	ppb
Selenium	77-2	10.15	11.63	11.95	11.24	8.52	ppb
Selenium	78-2	2.62	3.70	3.25	3.19	17.03	ppb
Silicon	28-1	42.46	43.20	50.44	45.37	9.72	ppb
Silver	107-1	2.48	2.53	2.58	2.53	2.04	ppb
Silver	109-1	2.54	2.52	2.58	2.55	1.17	ppb
Sodium	23-2	115.48	112.15	113.57	113.73	1.47	ppb
Strontium	86-1	1109.11	1130.33	1132.55	1124.00	1.15	ppb
Strontium	88-1	1119.91	1136.34	1152.63	1136.29	1.44	ppb
Sulfur	34-1	1458.76	1476.17	1462.89	1465.94	0.62	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.36	0.38	0.36	0.37	3.19	ppb
Thallium	205-1	0.36	0.36	0.37	0.36	2.59	ppb
Tin	118-1	1.94	1.94	1.98	1.95	1.27	ppb
Titanium	47-1	683.90	671.25	690.43	681.86	1.43	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ76	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:17:45	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.09	1.08	1.07	2.17	ppb
Vanadium	51-2	104.06	102.44	104.17	103.56	0.93	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	1385.77	1370.08	1393.60	1383.15	0.87	ppb
Zirconium	90-1	11.39	11.62	11.66	11.56	1.25	ppb
Zirconium	91-1	11.57	11.75	11.90	11.74	1.40	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ77	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:20:49	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30926.04	31243.66	31413.44	31194.38	0.79	ppb
Antimony	121-1	0.32	0.32	0.32	0.32	0.64	ppb
Arsenic	75-2	150.88	151.97	151.99	151.61	0.42	ppb
Barium	135-1	400.66	405.68	408.78	405.04	1.01	ppb
Barium	137-1	407.47	410.37	402.63	406.82	0.96	ppb
Beryllium	9-1	1.14	1.26	1.27	1.22	6.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.80	2.84	2.87	2.84	1.18	ppb
Cadmium	106-1	3.71	3.50	3.31	3.51	5.62	ppb
Cadmium	111-1	1.74	1.73	1.81	1.76	2.45	ppb
Calcium	43-1	48436.72	49709.28	49840.97	49328.99	1.57	ppb
Calcium	44-1	48331.95	49298.46	49505.62	49045.34	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.57	38.59	38.71	38.62	0.20	ppb
Cobalt	59-2	32.59	32.73	32.69	32.67	0.21	ppb
Copper	63-2	74.83	75.56	75.92	75.44	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	65248.82	66189.60	65460.99	65633.14	0.75	ppb
Iron	57-2	64091.35	64956.89	65220.08	64756.11	0.91	ppb
Iron	54-2	65315.52	66105.40	65629.20	65683.37	0.61	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ77	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:20:49	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.11	121.58	124.06	122.92	1.02	ppb
Lead	207-1	130.81	128.24	130.76	129.94	1.13	ppb
Lead	208-1	128.87	128.03	129.03	128.65	0.42	ppb
Lithium	6-1				91		%
Magnesium	24-2	16974.92	17200.80	17460.46	17212.06	1.41	ppb
Manganese	55-2	1813.11	1830.58	1826.28	1823.32	0.50	ppb
Molybdenum	94-1	26.67	26.97	27.18	26.94	0.96	ppb
Molybdenum	95-1	0.89	0.92	0.91	0.91	1.57	ppb
Molybdenum	96-1	4.12	4.08	4.15	4.12	0.79	ppb
Molybdenum	97-1	0.88	0.88	0.90	0.89	0.93	ppb
Molybdenum	98-1	0.87	0.90	0.90	0.89	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.93	37.56	37.70	37.40	1.09	ppb
Phosphorus	31-2	2743.16	2739.69	2781.24	2754.70	0.84	ppb
Potassium	39-2	7263.60	7326.17	7406.51	7332.09	0.98	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	0.85	1.12	0.87	0.94	15.74	ppb
Selenium	77-2	11.33	12.97	10.27	11.53	11.79	ppb
Selenium	78-2	2.17	2.77	2.13	2.36	15.25	ppb
Silicon	28-1	37.20	36.98	36.16	36.78	1.49	ppb
Silver	107-1	0.51	0.50	0.51	0.51	1.04	ppb
Silver	109-1	0.47	0.52	0.48	0.49	5.42	ppb
Sodium	23-2	114.13	114.49	114.17	114.27	0.17	ppb
Strontium	86-1	3595.39	3646.95	3691.61	3644.65	1.32	ppb
Strontium	88-1	3656.65	3678.41	3732.10	3689.06	1.05	ppb
Sulfur	34-1	2803.22	2954.74	2967.54	2908.50	3.14	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.30	0.28	0.30	0.29	4.32	ppb
Thallium	205-1	0.29	0.29	0.29	0.29	1.79	ppb
Tin	118-1	0.48	0.51	0.50	0.50	2.76	ppb
Titanium	47-1	341.72	347.44	350.03	346.40	1.23	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ77	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:20:49	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.72	0.74	0.73	1.69	ppb
Vanadium	51-2	98.60	98.88	98.92	98.80	0.17	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	483.28	486.15	488.92	486.12	0.58	ppb
Zirconium	90-1	14.31	14.71	14.58	14.53	1.39	ppb
Zirconium	91-1	14.51	14.90	15.06	14.82	1.89	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ78	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:23:53	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21835.02	21875.99	21882.58	21864.53	0.12	ppb
Antimony	121-1	1.26	1.29	1.32	1.29	2.30	ppb
Arsenic	75-2	236.63	234.69	236.91	236.08	0.51	ppb
Barium	135-1	343.86	353.26	351.26	349.46	1.42	ppb
Barium	137-1	348.86	360.75	363.41	357.67	2.17	ppb
Beryllium	9-1	1.01	1.02	1.02	1.02	0.85	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.34	7.75	7.54	7.54	2.70	ppb
Cadmium	106-1	8.51	8.20	8.27	8.32	1.97	ppb
Cadmium	111-1	7.11	7.21	7.14	7.15	0.71	ppb
Calcium	43-1	7637.56	7661.20	7680.97	7659.91	0.28	ppb
Calcium	44-1	7338.18	7414.01	7386.62	7379.60	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.94	44.06	43.90	43.97	0.19	ppb
Cobalt	59-2	27.18	27.34	27.36	27.29	0.36	ppb
Copper	63-2	169.92	169.88	170.86	170.22	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	68510.18	68500.41	68665.73	68558.77	0.14	ppb
Iron	57-2	67614.81	67387.89	67147.52	67383.41	0.35	ppb
Iron	54-2	68687.44	68410.16	68680.07	68592.56	0.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ78	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:23:53	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	939.34	966.80	941.03	949.06	1.62	ppb
Lead	207-1	997.94	1016.61	988.73	1001.09	1.42	ppb
Lead	208-1	967.11	982.89	966.54	972.18	0.95	ppb
Lithium	6-1				92		%
Magnesium	24-2	9683.09	9695.97	9759.27	9712.78	0.42	ppb
Manganese	55-2	1261.07	1265.55	1274.96	1267.19	0.56	ppb
Molybdenum	94-1	22.63	23.45	23.34	23.14	1.92	ppb
Molybdenum	95-1	2.51	2.56	2.58	2.55	1.35	ppb
Molybdenum	96-1	5.10	5.26	5.24	5.20	1.68	ppb
Molybdenum	97-1	2.50	2.60	2.57	2.56	2.10	ppb
Molybdenum	98-1	2.55	2.62	2.57	2.58	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.30	37.66	37.78	37.58	0.67	ppb
Phosphorus	31-2	1742.79	1751.49	1739.16	1744.48	0.36	ppb
Potassium	39-2	6156.66	6240.23	6198.08	6198.32	0.67	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	3.21	2.98	3.10	3.10	3.79	ppb
Selenium	77-2	14.22	13.31	13.02	13.52	4.66	ppb
Selenium	78-2	5.00	5.54	4.97	5.17	6.22	ppb
Silicon	28-1	16.81	16.87	16.79	16.82	0.25	ppb
Silver	107-1	3.51	3.56	3.62	3.57	1.54	ppb
Silver	109-1	3.40	3.59	3.61	3.53	3.31	ppb
Sodium	23-2	118.92	117.14	117.69	117.92	0.77	ppb
Strontium	86-1	1016.01	1042.63	1038.84	1032.49	1.39	ppb
Strontium	88-1	1044.20	1052.99	1060.99	1052.72	0.80	ppb
Sulfur	34-1	2595.79	2529.99	2568.81	2564.87	1.29	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.34	0.35	0.35	0.34	1.40	ppb
Thallium	205-1	0.34	0.37	0.36	0.36	3.97	ppb
Tin	118-1	2.90	3.03	3.02	2.98	2.36	ppb
Titanium	47-1	865.65	884.36	883.25	877.76	1.20	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ78	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:23:53	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	1.04	1.01	1.02	2.58	ppb
Vanadium	51-2	97.28	97.13	97.69	97.36	0.30	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	1723.27	1703.54	1758.19	1728.33	1.60	ppb
Zirconium	90-1	11.56	11.83	11.85	11.75	1.37	ppb
Zirconium	91-1	11.80	11.99	11.92	11.90	0.77	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ79	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:26:57	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32073.68	31790.96	32030.96	31965.20	0.48	ppb
Antimony	121-1	0.21	0.21	0.23	0.22	4.64	ppb
Arsenic	75-2	122.19	123.71	123.12	123.01	0.62	ppb
Barium	135-1	349.06	354.55	352.24	351.95	0.78	ppb
Barium	137-1	363.65	363.44	358.10	361.73	0.87	ppb
Beryllium	9-1	1.26	1.18	1.25	1.23	3.38	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.57	2.15	2.70	2.47	11.66	ppb
Cadmium	106-1	2.83	3.30	3.83	3.32	15.16	ppb
Cadmium	111-1	1.32	1.39	1.43	1.38	4.00	ppb
Calcium	43-1	49869.10	51724.41	51284.07	50959.19	1.90	ppb
Calcium	44-1	50070.32	51288.16	51544.01	50967.50	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.37	40.20	40.16	40.24	0.28	ppb
Cobalt	59-2	33.62	33.47	34.01	33.70	0.82	ppb
Copper	63-2	78.31	77.50	78.01	77.94	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	66655.31	66345.28	66863.11	66621.23	0.39	ppb
Iron	57-2	65743.21	65370.27	65958.45	65690.64	0.45	ppb
Iron	54-2	66873.05	65991.41	66899.78	66588.08	0.78	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ79	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:26:57	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	96.53	98.35	98.95	97.94	1.28	ppb
Lead	207-1	101.26	102.93	104.50	102.90	1.58	ppb
Lead	208-1	101.08	102.38	103.98	102.48	1.42	ppb
Lithium	6-1				93		%
Magnesium	24-2	18245.07	18097.99	18205.80	18182.96	0.42	ppb
Manganese	55-2	1718.68	1718.15	1726.91	1721.25	0.29	ppb
Molybdenum	94-1	25.03	25.61	25.35	25.33	1.15	ppb
Molybdenum	95-1	0.65	0.67	0.68	0.67	2.85	ppb
Molybdenum	96-1	3.63	3.69	3.75	3.69	1.58	ppb
Molybdenum	97-1	0.58	0.62	0.65	0.62	5.90	ppb
Molybdenum	98-1	0.61	0.65	0.63	0.63	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.25	38.01	38.38	38.21	0.49	ppb
Phosphorus	31-2	2274.22	2245.63	2294.03	2271.29	1.07	ppb
Potassium	39-2	6124.95	6120.49	6169.09	6138.18	0.44	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.48	0.79	0.43	0.56	35.00	ppb
Selenium	77-2	11.92	13.11	13.86	12.96	7.52	ppb
Selenium	78-2	2.32	3.05	2.47	2.61	14.68	ppb
Silicon	28-1	42.84	41.96	42.44	42.41	1.03	ppb
Silver	107-1	0.40	0.40	0.41	0.41	1.41	ppb
Silver	109-1	0.39	0.39	0.41	0.40	2.81	ppb
Sodium	23-2	108.05	109.96	109.33	109.11	0.90	ppb
Strontium	86-1	2932.69	3009.46	2980.69	2974.28	1.30	ppb
Strontium	88-1	2977.32	3000.64	3040.08	3006.01	1.06	ppb
Sulfur	34-1	1636.68	1776.16	1878.33	1763.72	6.88	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.25	0.27	0.26	0.26	4.62	ppb
Thallium	205-1	0.26	0.26	0.27	0.26	2.90	ppb
Tin	118-1	0.29	0.32	0.30	0.30	3.77	ppb
Titanium	47-1	407.76	416.33	415.68	413.26	1.15	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ79	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:26:57	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.70	0.71	0.70	1.46	ppb
Vanadium	51-2	100.28	99.36	100.00	99.88	0.47	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	427.88	425.31	431.78	428.32	0.76	ppb
Zirconium	90-1	13.46	13.92	13.72	13.70	1.67	ppb
Zirconium	91-1	13.66	13.80	14.03	13.83	1.34	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ80	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:30:02	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27843.54	27989.97	27816.57	27883.36	0.33	ppb
Antimony	121-1	0.50	0.51	0.52	0.51	2.51	ppb
Arsenic	75-2	175.87	175.84	175.76	175.82	0.03	ppb
Barium	135-1	288.80	297.73	297.03	294.52	1.69	ppb
Barium	137-1	302.10	301.57	302.35	302.01	0.13	ppb
Beryllium	9-1	1.33	1.34	1.42	1.36	3.34	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.52	7.93	8.34	7.93	5.15	ppb
Cadmium	106-1	9.22	9.17	7.85	8.74	8.91	ppb
Cadmium	111-1	7.24	7.33	7.40	7.32	1.09	ppb
Calcium	43-1	10259.80	10754.49	10698.37	10570.89	2.56	ppb
Calcium	44-1	10048.41	10363.38	10350.91	10254.24	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.96	48.54	48.83	48.78	0.44	ppb
Cobalt	59-2	33.95	33.74	33.50	33.73	0.66	ppb
Copper	63-2	192.16	189.40	190.06	190.54	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	86731.90	85638.58	85513.15	85961.21	0.78	ppb
Iron	57-2	84607.04	84419.00	84192.91	84406.32	0.25	ppb
Iron	54-2	86454.50	85757.43	85862.26	86024.73	0.44	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ80	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:30:02	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	643.23	637.34	644.49	641.69	0.59	ppb
Lead	207-1	657.90	657.80	665.42	660.37	0.66	ppb
Lead	208-1	643.10	648.61	651.68	647.80	0.67	ppb
Lithium	6-1				95		%
Magnesium	24-2	12078.00	12217.35	12012.80	12102.72	0.86	ppb
Manganese	55-2	1448.57	1436.55	1432.98	1439.37	0.57	ppb
Molybdenum	94-1	22.98	23.72	23.74	23.48	1.85	ppb
Molybdenum	95-1	1.21	1.28	1.31	1.26	4.18	ppb
Molybdenum	96-1	4.11	4.16	4.24	4.17	1.60	ppb
Molybdenum	97-1	1.25	1.32	1.28	1.29	2.72	ppb
Molybdenum	98-1	1.22	1.22	1.26	1.23	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.33	41.18	40.36	40.62	1.18	ppb
Phosphorus	31-2	2015.38	2043.58	2086.21	2048.39	1.74	ppb
Potassium	39-2	7234.54	7385.13	7283.31	7300.99	1.05	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	1.70	1.89	1.79	1.79	5.34	ppb
Selenium	77-2	11.67	13.27	11.76	12.23	7.32	ppb
Selenium	78-2	4.43	3.84	3.71	4.00	9.51	ppb
Silicon	28-1	15.20	16.37	15.62	15.73	3.76	ppb
Silver	107-1	1.56	1.64	1.64	1.61	2.78	ppb
Silver	109-1	1.56	1.65	1.66	1.62	3.48	ppb
Sodium	23-2	120.31	120.24	119.33	119.96	0.45	ppb
Strontium	86-1	1192.83	1221.90	1242.44	1219.05	2.04	ppb
Strontium	88-1	1234.77	1247.11	1279.81	1253.89	1.86	ppb
Sulfur	34-1	3001.65	3111.64	3012.01	3041.77	2.00	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.36	0.37	0.36	0.37	1.17	ppb
Thallium	205-1	0.34	0.36	0.36	0.35	3.57	ppb
Tin	118-1	3.36	3.52	3.57	3.48	3.16	ppb
Titanium	47-1	710.94	735.92	727.21	724.69	1.75	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ80	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:30:02	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.12	1.09	1.09	2.09	ppb
Vanadium	51-2	111.93	111.87	111.57	111.79	0.17	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	2169.01	2158.55	2194.01	2173.86	0.84	ppb
Zirconium	90-1	12.14	12.57	12.56	12.42	2.00	ppb
Zirconium	91-1	12.22	12.73	12.94	12.63	2.93	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ81	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:33:05	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42787.22	42619.42	42986.96	42797.87	0.43	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	0.74	ppb
Arsenic	75-2	65.56	65.73	65.27	65.52	0.35	ppb
Barium	135-1	505.70	534.03	533.90	524.54	3.11	ppb
Barium	137-1	507.01	536.51	536.50	526.67	3.23	ppb
Beryllium	9-1	1.62	1.68	1.61	1.63	2.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.78	2.09	1.84	1.90	8.71	ppb
Cadmium	106-1	3.49	2.96	3.19	3.21	8.22	ppb
Cadmium	111-1	0.71	0.76	0.77	0.75	4.40	ppb
Calcium	43-1	46627.20	49447.90	48857.29	48310.80	3.08	ppb
Calcium	44-1	46206.11	49579.31	48591.94	48125.79	3.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.01	53.21	53.70	53.30	0.67	ppb
Cobalt	59-2	43.96	44.02	43.85	43.94	0.20	ppb
Copper	63-2	86.55	87.50	87.10	87.05	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	85101.80	86000.98	86016.82	85706.53	0.61	ppb
Iron	57-2	84369.90	84163.00	84943.49	84492.13	0.48	ppb
Iron	54-2	85662.57	85498.72	85504.28	85555.19	0.11	ppb
Krypton	83-1						cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ81	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:33:05	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.66	46.18	46.25	45.37	3.25	ppb
Lead	207-1	43.32	45.68	45.46	44.82	2.91	ppb
Lead	208-1	42.57	45.25	44.99	44.27	3.35	ppb
Lithium	6-1				94		%
Magnesium	24-2	23001.97	23097.72	23157.85	23085.85	0.34	ppb
Manganese	55-2	2361.43	2375.09	2357.57	2364.70	0.39	ppb
Molybdenum	94-1	27.55	29.27	28.93	28.58	3.20	ppb
Molybdenum	95-1	0.46	0.55	0.52	0.51	8.61	ppb
Molybdenum	96-1	3.86	4.08	4.01	3.98	2.79	ppb
Molybdenum	97-1	0.47	0.48	0.49	0.48	2.31	ppb
Molybdenum	98-1	0.48	0.48	0.48	0.48	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.47	51.14	50.63	50.75	0.69	ppb
Phosphorus	31-2	2850.86	2823.70	2879.30	2851.29	0.98	ppb
Potassium	39-2	6183.59	6181.57	6240.51	6201.89	0.54	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.25	0.05	0.37	0.23	71.01	ppb
Selenium	77-2	12.75	16.00	16.68	15.15	13.86	ppb
Selenium	78-2	2.03	3.76	3.76	3.18	31.46	ppb
Silicon	28-1	67.09	72.31	71.02	70.14	3.88	ppb
Silver	107-1	0.16	0.18	0.18	0.17	4.38	ppb
Silver	109-1	0.15	0.17	0.16	0.16	4.47	ppb
Sodium	23-2	170.25	168.42	168.93	169.20	0.56	ppb
Strontium	86-1	3904.92	4107.41	4092.70	4035.01	2.80	ppb
Strontium	88-1	3948.94	4131.40	4111.67	4064.00	2.46	ppb
Sulfur	34-1	-510.14	-248.66	-302.68	-353.83		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.36	0.39	0.38	0.38	4.50	ppb
Thallium	205-1	0.36	0.38	0.38	0.37	4.00	ppb
Tin	118-1	0.38	0.41	0.41	0.40	3.94	ppb
Titanium	47-1	431.33	457.34	450.89	446.52	3.03	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ81	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:33:05	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.99	0.99	0.98	3.14	ppb
Vanadium	51-2	132.66	132.25	132.60	132.50	0.17	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	252.99	252.76	252.83	252.86	0.05	ppb
Zirconium	90-1	15.16	15.99	15.88	15.67	2.88	ppb
Zirconium	91-1	15.40	15.90	15.98	15.76	1.99	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ82	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:36:10	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33849.04	34174.96	33892.17	33972.06	0.52	ppb
Antimony	121-1	0.09	0.09	0.10	0.09	1.44	ppb
Arsenic	75-2	45.61	44.91	46.40	45.64	1.63	ppb
Barium	135-1	368.49	376.13	374.89	373.17	1.10	ppb
Barium	137-1	376.88	384.15	383.92	381.65	1.08	ppb
Beryllium	9-1	1.55	1.40	1.55	1.50	5.68	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.69	1.55	1.65	1.63	4.49	ppb
Cadmium	106-1	2.55	2.41	1.36	2.11	30.73	ppb
Cadmium	111-1	0.77	0.74	0.71	0.74	4.10	ppb
Calcium	43-1	11822.84	11782.91	11870.90	11825.55	0.37	ppb
Calcium	44-1	11377.21	11417.40	11456.05	11416.88	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.21	38.44	38.42	38.36	0.32	ppb
Cobalt	59-2	35.82	36.29	36.51	36.21	0.97	ppb
Copper	63-2	78.77	79.90	80.04	79.57	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	75690.59	76374.63	76755.76	76273.66	0.71	ppb
Iron	57-2	75247.99	75392.82	75927.87	75522.90	0.47	ppb
Iron	54-2	76211.46	76371.94	76527.64	76370.35	0.21	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ82	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:36:10	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.51	51.46	51.24	51.40	0.27	ppb
Lead	207-1	50.96	50.98	51.06	51.00	0.10	ppb
Lead	208-1	50.42	50.21	50.13	50.25	0.30	ppb
Lithium	6-1				94		%
Magnesium	24-2	14144.06	14295.22	14328.47	14255.92	0.69	ppb
Manganese	55-2	1864.82	1877.45	1857.84	1866.70	0.53	ppb
Molybdenum	94-1	22.61	22.60	23.11	22.77	1.29	ppb
Molybdenum	95-1	0.52	0.52	0.51	0.52	0.77	ppb
Molybdenum	96-1	3.26	3.34	3.31	3.30	1.16	ppb
Molybdenum	97-1	0.49	0.50	0.51	0.50	1.82	ppb
Molybdenum	98-1	0.50	0.48	0.49	0.49	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.90	36.91	37.14	36.98	0.37	ppb
Phosphorus	31-2	1486.53	1480.68	1507.84	1491.68	0.96	ppb
Potassium	39-2	7039.44	7132.41	7061.61	7077.82	0.69	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.10	-0.05	0.67	0.24	158.76	ppb
Selenium	77-2	12.55	11.36	11.55	11.82	5.41	ppb
Selenium	78-2	1.55	3.13	3.17	2.62	35.29	ppb
Silicon	28-1	37.11	38.35	38.11	37.86	1.74	ppb
Silver	107-1	0.19	0.21	0.19	0.20	4.19	ppb
Silver	109-1	0.19	0.19	0.19	0.19	1.85	ppb
Sodium	23-2	101.55	101.92	102.69	102.05	0.57	ppb
Strontium	86-1	1619.62	1639.49	1665.06	1641.39	1.39	ppb
Strontium	88-1	1650.38	1644.72	1662.95	1652.68	0.56	ppb
Sulfur	34-1	-1039.02	-1115.99	-1095.66	-1083.56		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.32	0.33	0.34	0.33	2.75	ppb
Thallium	205-1	0.33	0.34	0.34	0.33	0.96	ppb
Tin	118-1	0.44	0.44	0.42	0.43	2.55	ppb
Titanium	47-1	727.38	726.70	744.20	732.76	1.35	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ82	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:36:10	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.05	1.05	1.06	1.36	ppb
Vanadium	51-2	120.62	121.54	121.82	121.33	0.52	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	233.27	233.54	236.40	234.41	0.74	ppb
Zirconium	90-1	12.33	12.39	12.50	12.41	0.69	ppb
Zirconium	91-1	12.35	12.35	12.66	12.45	1.43	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ83	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:39:19	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33190.26	33470.64	33189.05	33283.32	0.49	ppb
Antimony	121-1	0.07	0.08	0.07	0.07	7.37	ppb
Arsenic	75-2	50.43	50.19	50.10	50.24	0.34	ppb
Barium	135-1	414.93	423.29	419.79	419.34	1.00	ppb
Barium	137-1	413.42	423.03	430.53	422.32	2.03	ppb
Beryllium	9-1	1.36	1.34	1.35	1.35	0.66	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.60	1.29	1.63	1.51	12.36	ppb
Cadmium	106-1	3.01	3.16	2.78	2.99	6.43	ppb
Cadmium	111-1	0.62	0.61	0.58	0.60	3.36	ppb
Calcium	43-1	41658.58	42160.39	42512.32	42110.43	1.02	ppb
Calcium	44-1	41613.19	42362.48	42986.20	42320.62	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.87	38.34	37.03	37.75	1.76	ppb
Cobalt	59-2	35.74	35.90	35.41	35.68	0.71	ppb
Copper	63-2	67.55	68.04	66.95	67.52	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	67634.38	67722.98	66785.53	67380.96	0.77	ppb
Iron	57-2	66431.12	66861.63	65684.89	66325.88	0.90	ppb
Iron	54-2	67383.52	67846.17	66945.92	67391.87	0.67	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ83	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:39:19	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.18	34.53	33.95	33.88	2.01	ppb
Lead	207-1	32.59	33.85	32.80	33.08	2.04	ppb
Lead	208-1	32.22	33.20	32.75	32.72	1.49	ppb
Lithium	6-1				94		%
Magnesium	24-2	18070.62	18278.36	18014.87	18121.28	0.77	ppb
Manganese	55-2	1882.05	1886.26	1880.30	1882.87	0.16	ppb
Molybdenum	94-1	23.19	23.94	23.62	23.58	1.59	ppb
Molybdenum	95-1	0.51	0.49	0.50	0.50	2.03	ppb
Molybdenum	96-1	3.32	3.34	3.33	3.33	0.36	ppb
Molybdenum	97-1	0.48	0.55	0.48	0.50	8.39	ppb
Molybdenum	98-1	0.47	0.48	0.48	0.48	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.80	39.75	39.49	39.68	0.41	ppb
Phosphorus	31-2	2360.32	2390.74	2340.32	2363.79	1.07	ppb
Potassium	39-2	4892.14	4918.18	4848.33	4886.22	0.72	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	-0.11	-0.04	0.00	-0.05		ppb
Selenium	77-2	13.82	12.87	12.32	13.00	5.83	ppb
Selenium	78-2	2.81	2.66	1.84	2.44	21.44	ppb
Silicon	28-1	44.63	44.57	45.63	44.94	1.32	ppb
Silver	107-1	0.11	0.12	0.11	0.11	2.82	ppb
Silver	109-1	0.10	0.11	0.10	0.10	2.71	ppb
Sodium	23-2	111.97	114.16	111.11	112.41	1.40	ppb
Strontium	86-1	3331.11	3392.64	3395.70	3373.15	1.08	ppb
Strontium	88-1	3309.07	3399.72	3449.31	3386.03	2.10	ppb
Sulfur	34-1	-602.83	-482.07	-366.72	-483.87		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.25	0.28	0.28	0.27	5.67	ppb
Thallium	205-1	0.26	0.28	0.27	0.27	4.20	ppb
Tin	118-1	0.24	0.25	0.26	0.25	3.37	ppb
Titanium	47-1	463.54	475.60	478.77	472.64	1.70	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ83	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:39:19	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.76	0.77	0.76	1.81	ppb
Vanadium	51-2	103.73	104.74	103.42	103.96	0.66	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	188.01	187.63	186.82	187.49	0.33	ppb
Zirconium	90-1	12.58	12.94	12.86	12.79	1.47	ppb
Zirconium	91-1	12.70	12.99	13.03	12.90	1.36	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ84	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:42:25	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29501.84	29451.88	29142.67	29365.46	0.66	ppb
Antimony	121-1	0.41	0.41	0.41	0.41	0.14	ppb
Arsenic	75-2	210.27	207.73	211.58	209.86	0.93	ppb
Barium	135-1	315.90	326.07	320.78	320.92	1.58	ppb
Barium	137-1	328.27	333.03	329.76	330.35	0.74	ppb
Beryllium	9-1	1.21	1.29	1.25	1.25	3.53	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.84	4.98	5.07	4.96	2.41	ppb
Cadmium	106-1	5.21	5.12	5.21	5.18	1.04	ppb
Cadmium	111-1	3.79	3.80	3.90	3.83	1.56	ppb
Calcium	43-1	24101.59	24650.20	24843.37	24531.72	1.57	ppb
Calcium	44-1	23289.81	23789.59	23862.58	23647.32	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.31	39.06	38.92	39.10	0.50	ppb
Cobalt	59-2	34.94	34.42	34.50	34.62	0.82	ppb
Copper	63-2	100.12	99.77	99.86	99.92	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	73103.33	73217.64	73023.82	73114.93	0.13	ppb
Iron	57-2	72233.22	71874.58	71703.84	71937.21	0.38	ppb
Iron	54-2	73408.30	73398.25	72646.98	73151.18	0.60	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ84	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:42:25	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	301.38	306.03	302.71	303.38	0.79	ppb
Lead	207-1	318.98	322.16	323.31	321.49	0.70	ppb
Lead	208-1	307.20	313.35	312.59	311.05	1.08	ppb
Lithium	6-1				94		%
Magnesium	24-2	14845.04	14627.95	14738.44	14737.14	0.74	ppb
Manganese	55-2	1527.06	1540.22	1512.39	1526.56	0.91	ppb
Molybdenum	94-1	21.00	21.66	21.75	21.47	1.92	ppb
Molybdenum	95-1	0.69	0.71	0.72	0.71	2.05	ppb
Molybdenum	96-1	3.33	3.40	3.40	3.38	1.30	ppb
Molybdenum	97-1	0.70	0.69	0.70	0.70	1.10	ppb
Molybdenum	98-1	0.66	0.69	0.68	0.67	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.70	35.07	35.37	35.38	0.89	ppb
Phosphorus	31-2	2233.08	2235.36	2262.62	2243.69	0.73	ppb
Potassium	39-2	5936.33	5962.62	5973.63	5957.53	0.32	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	1.39	1.89	1.47	1.58	17.12	ppb
Selenium	77-2	12.89	10.25	12.24	11.79	11.66	ppb
Selenium	78-2	3.16	3.50	3.26	3.30	5.34	ppb
Silicon	28-1	28.92	30.41	29.60	29.64	2.52	ppb
Silver	107-1	1.38	1.45	1.43	1.42	2.60	ppb
Silver	109-1	1.41	1.45	1.42	1.43	1.62	ppb
Sodium	23-2	113.07	111.64	110.90	111.87	0.99	ppb
Strontium	86-1	1956.48	1997.57	2021.14	1991.73	1.64	ppb
Strontium	88-1	1982.06	2032.32	2005.15	2006.51	1.25	ppb
Sulfur	34-1	1737.46	1804.80	1935.78	1826.01	5.52	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.31	0.32	0.33	0.32	3.41	ppb
Thallium	205-1	0.30	0.32	0.31	0.31	3.68	ppb
Tin	118-1	0.82	0.88	0.83	0.85	3.71	ppb
Titanium	47-1	635.65	638.39	647.47	640.50	0.97	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ84	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:42:25	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.88	0.86	0.86	2.31	ppb
Vanadium	51-2	114.37	112.96	113.23	113.52	0.66	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	993.30	980.82	984.01	986.04	0.66	ppb
Zirconium	90-1	11.34	11.58	11.73	11.55	1.69	ppb
Zirconium	91-1	11.48	11.86	11.91	11.75	1.99	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ85	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:45:29	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29933.69	29967.00	30043.84	29981.51	0.19	ppb
Antimony	121-1	0.22	0.28	0.22	0.24	14.37	ppb
Arsenic	75-2	96.93	98.24	99.01	98.06	1.07	ppb
Barium	135-1	310.08	369.33	306.95	328.78	10.69	ppb
Barium	137-1	316.87	376.16	314.83	335.95	10.37	ppb
Beryllium	9-1	1.21	1.57	1.42	1.40	13.09	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.42	2.77	1.85	2.35	19.88	ppb
Cadmium	106-1	2.87	3.47	3.33	3.22	9.76	ppb
Cadmium	111-1	1.48	1.84	1.60	1.64	11.27	ppb
Calcium	43-1	14786.14	17653.05	14716.93	15718.71	10.66	ppb
Calcium	44-1	14381.60	16984.41	14303.44	15223.15	10.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.76	37.65	38.07	37.83	0.58	ppb
Cobalt	59-2	34.86	34.91	35.04	34.94	0.26	ppb
Copper	63-2	90.09	89.73	90.10	89.97	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	73322.17	73122.52	73835.56	73426.75	0.50	ppb
Iron	57-2	72057.88	72124.11	73206.09	72462.69	0.89	ppb
Iron	54-2	73313.53	73311.20	74039.21	73554.65	0.57	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ85	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:45:29	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	115.19	140.27	117.17	124.21	11.22	ppb
Lead	207-1	119.10	144.31	121.40	128.27	10.87	ppb
Lead	208-1	119.95	145.99	121.07	129.00	11.41	ppb
Lithium	6-1				89		%
Magnesium	24-2	14606.52	14629.32	14677.81	14637.88	0.25	ppb
Manganese	55-2	1668.72	1664.53	1681.52	1671.59	0.53	ppb
Molybdenum	94-1	19.33	23.12	19.56	20.67	10.27	ppb
Molybdenum	95-1	0.60	0.74	0.60	0.65	12.71	ppb
Molybdenum	96-1	3.07	3.58	3.07	3.24	9.16	ppb
Molybdenum	97-1	0.58	0.70	0.58	0.62	11.40	ppb
Molybdenum	98-1	0.57	0.68	0.55	0.60	11.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.72	34.48	34.79	34.66	0.46	ppb
Phosphorus	31-2	1944.80	1955.50	1935.82	1945.38	0.51	ppb
Potassium	39-2	8018.56	8057.88	8141.73	8072.72	0.78	ppb
Rhodium	103-1				90		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	0.59	0.52	0.13	0.42	59.48	ppb
Selenium	77-2	10.90	10.55	12.82	11.43	10.69	ppb
Selenium	78-2	1.30	1.76	2.67	1.91	36.53	ppb
Silicon	28-1	33.63	42.30	34.97	36.97	12.63	ppb
Silver	107-1	0.53	0.62	0.54	0.57	8.70	ppb
Silver	109-1	0.50	0.61	0.54	0.55	9.70	ppb
Sodium	23-2	102.85	101.17	101.71	101.91	0.84	ppb
Strontium	86-1	1566.98	1856.01	1579.13	1667.37	9.80	ppb
Strontium	88-1	1596.60	1883.17	1598.16	1692.64	9.75	ppb
Sulfur	34-1	-435.63	202.86	-504.07	-245.61		ppb
Terbium	159-1				96		%
Terbium	159-2				103		%
Thallium	203-1	0.28	0.35	0.26	0.30	15.17	ppb
Thallium	205-1	0.27	0.34	0.26	0.29	15.62	ppb
Tin	118-1	0.45	0.64	0.49	0.53	19.64	ppb
Titanium	47-1	671.84	805.88	670.44	716.05	10.86	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ85	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:45:29	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.91	0.77	0.81	10.80	ppb
Vanadium	51-2	117.15	115.63	117.24	116.67	0.78	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	430.69	430.38	436.90	432.66	0.85	ppb
Zirconium	90-1	10.61	12.41	10.63	11.22	9.22	ppb
Zirconium	91-1	10.83	12.66	10.79	11.43	9.37	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ86	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:48:34	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31115.77	31467.28	31238.10	31273.72	0.57	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	4.44	ppb
Arsenic	75-2	47.21	47.02	46.23	46.82	1.11	ppb
Barium	135-1	364.02	369.96	370.17	368.05	0.95	ppb
Barium	137-1	378.08	381.58	378.75	379.47	0.49	ppb
Beryllium	9-1	1.11	1.13	1.14	1.13	1.37	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.42	1.21	1.52	1.38	11.25	ppb
Cadmium	106-1	2.65	2.41	3.07	2.71	12.39	ppb
Cadmium	111-1	0.53	0.54	0.57	0.54	4.46	ppb
Calcium	43-1	54977.34	55609.92	55041.32	55209.53	0.63	ppb
Calcium	44-1	54651.24	55206.75	55180.46	55012.82	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.67	31.46	31.65	31.59	0.37	ppb
Cobalt	59-2	31.72	31.61	31.50	31.61	0.35	ppb
Copper	63-2	57.24	57.77	57.29	57.43	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	60961.50	61480.55	60490.92	60977.65	0.81	ppb
Iron	57-2	60334.72	61009.24	60345.79	60563.25	0.64	ppb
Iron	54-2	61288.87	61815.20	61055.68	61386.58	0.63	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ86	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:48:34	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.10	25.96	25.69	25.92	0.80	ppb
Lead	207-1	24.80	25.19	24.99	24.99	0.76	ppb
Lead	208-1	24.67	24.95	24.80	24.81	0.55	ppb
Lithium	6-1				92		%
Magnesium	24-2	17167.16	17219.22	17072.18	17152.86	0.43	ppb
Manganese	55-2	1684.95	1699.82	1675.08	1686.62	0.74	ppb
Molybdenum	94-1	22.07	22.71	22.75	22.51	1.70	ppb
Molybdenum	95-1	0.40	0.44	0.44	0.42	5.14	ppb
Molybdenum	96-1	3.11	3.16	3.16	3.14	0.96	ppb
Molybdenum	97-1	0.38	0.41	0.41	0.40	4.43	ppb
Molybdenum	98-1	0.39	0.40	0.38	0.39	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.93	33.48	32.74	33.05	1.16	ppb
Phosphorus	31-2	1940.24	1981.49	1966.28	1962.67	1.06	ppb
Potassium	39-2	4750.87	4703.45	4654.30	4702.88	1.03	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	-0.39	-0.42	-0.22	-0.34		ppb
Selenium	77-2	11.15	11.12	11.81	11.36	3.44	ppb
Selenium	78-2	1.48	1.89	0.67	1.35	46.00	ppb
Silicon	28-1	37.31	36.57	38.54	37.47	2.65	ppb
Silver	107-1	0.09	0.09	0.08	0.09	4.56	ppb
Silver	109-1	0.07	0.08	0.07	0.08	7.87	ppb
Sodium	23-2	88.35	90.00	89.83	89.40	1.02	ppb
Strontium	86-1	3224.61	3304.80	3300.85	3276.76	1.38	ppb
Strontium	88-1	3280.21	3368.63	3303.76	3317.53	1.38	ppb
Sulfur	34-1	-351.53	-262.42	-227.31	-280.42		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.24	0.23	0.24	0.24	3.06	ppb
Thallium	205-1	0.24	0.25	0.23	0.24	3.66	ppb
Tin	118-1	0.25	0.26	0.25	0.25	3.62	ppb
Titanium	47-1	390.53	392.90	394.69	392.71	0.53	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ86	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:48:34	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.63	0.61	0.62	0.62	1.52	ppb
Vanadium	51-2	98.89	99.89	99.26	99.35	0.51	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	160.55	161.60	161.38	161.18	0.34	ppb
Zirconium	90-1	12.20	12.39	12.35	12.31	0.83	ppb
Zirconium	91-1	12.13	12.53	12.49	12.38	1.80	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ87	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:51:42	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31581.76	30903.28	30650.43	31045.15	1.55	ppb
Antimony	121-1	0.14	0.14	0.14	0.14	2.45	ppb
Arsenic	75-2	91.44	91.12	92.29	91.62	0.66	ppb
Barium	135-1	322.91	326.60	327.38	325.63	0.73	ppb
Barium	137-1	328.25	336.48	334.53	333.09	1.29	ppb
Beryllium	9-1	1.27	1.14	1.30	1.24	6.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.40	2.19	2.29	2.29	4.77	ppb
Cadmium	106-1	3.12	3.03	3.12	3.09	1.65	ppb
Cadmium	111-1	1.36	1.40	1.35	1.37	1.72	ppb
Calcium	43-1	17703.23	18014.78	17999.90	17905.97	0.98	ppb
Calcium	44-1	17225.71	17484.94	17088.63	17266.43	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.53	37.16	37.20	37.30	0.53	ppb
Cobalt	59-2	34.60	34.13	33.98	34.24	0.95	ppb
Copper	63-2	83.90	82.03	82.47	82.80	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	74378.70	73648.67	73386.45	73804.61	0.70	ppb
Iron	57-2	73269.10	72399.89	71958.31	72542.43	0.92	ppb
Iron	54-2	74843.95	72841.30	73362.58	73682.61	1.41	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ87	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:51:42	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	103.17	104.58	104.14	103.96	0.69	ppb
Lead	207-1	105.76	108.45	108.39	107.53	1.43	ppb
Lead	208-1	106.67	108.18	107.97	107.61	0.76	ppb
Lithium	6-1				93		%
Magnesium	24-2	15243.05	15079.65	15010.20	15110.97	0.79	ppb
Manganese	55-2	1668.74	1645.06	1658.43	1657.41	0.72	ppb
Molybdenum	94-1	21.73	21.99	21.80	21.84	0.62	ppb
Molybdenum	95-1	0.52	0.52	0.51	0.52	1.02	ppb
Molybdenum	96-1	3.26	3.22	3.24	3.24	0.57	ppb
Molybdenum	97-1	0.50	0.52	0.50	0.51	2.77	ppb
Molybdenum	98-1	0.51	0.51	0.48	0.50	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.45	35.14	34.81	35.14	0.91	ppb
Phosphorus	31-2	2197.53	2234.79	2244.79	2225.70	1.12	ppb
Potassium	39-2	7326.27	7181.86	7229.12	7245.75	1.02	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	-0.21	0.39	-0.41	-0.08		ppb
Selenium	77-2	11.71	8.98	11.90	10.86	15.05	ppb
Selenium	78-2	1.68	1.78	2.74	2.07	28.43	ppb
Silicon	28-1	26.87	26.80	26.80	26.83	0.15	ppb
Silver	107-1	0.44	0.47	0.46	0.46	3.86	ppb
Silver	109-1	0.44	0.45	0.46	0.45	1.39	ppb
Sodium	23-2	111.54	108.40	109.94	109.96	1.43	ppb
Strontium	86-1	1717.52	1740.16	1730.58	1729.42	0.66	ppb
Strontium	88-1	1760.57	1755.36	1749.65	1755.19	0.31	ppb
Sulfur	34-1	-236.18	-284.20	-346.81	-289.07		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.28	0.29	0.30	0.29	3.08	ppb
Thallium	205-1	0.27	0.28	0.28	0.28	2.25	ppb
Tin	118-1	0.89	0.90	0.89	0.89	0.64	ppb
Titanium	47-1	572.12	578.92	571.12	574.05	0.74	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ87	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:51:42	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.75	0.78	0.77	1.92	ppb
Vanadium	51-2	120.89	118.52	117.79	119.06	1.36	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	400.59	393.76	393.45	395.93	1.02	ppb
Zirconium	90-1	11.75	11.91	11.92	11.86	0.81	ppb
Zirconium	91-1	11.89	11.91	11.94	11.91	0.18	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ89	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:01:18	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30441.97	30153.05	30264.76	30286.59	0.48	ppb
Antimony	121-1	0.21	0.21	0.21	0.21	1.31	ppb
Arsenic	75-2	202.23	201.76	198.16	200.72	1.11	ppb
Barium	135-1	303.18	327.26	327.66	319.36	4.39	ppb
Barium	137-1	313.97	336.66	340.66	330.43	4.36	ppb
Beryllium	9-1	1.32	1.36	1.42	1.37	3.60	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.35	2.69	2.79	2.61	8.77	ppb
Cadmium	106-1	2.39	3.07	2.72	2.73	12.52	ppb
Cadmium	111-1	1.78	2.06	1.98	1.94	7.56	ppb
Calcium	43-1	9079.88	9850.19	9745.81	9558.63	4.37	ppb
Calcium	44-1	8838.48	9401.95	9415.10	9218.51	3.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.03	42.19	41.70	41.97	0.60	ppb
Cobalt	59-2	30.36	30.57	30.29	30.41	0.47	ppb
Copper	63-2	129.18	129.82	129.01	129.34	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	56-2	80101.97	80766.10	79727.44	80198.50	0.66	ppb
Iron	57-2	79133.87	79101.73	78916.76	79050.79	0.15	ppb
Iron	54-2	79736.94	79954.93	80427.08	80039.65	0.44	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ89	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:01:18	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	191.47	203.65	206.90	200.67	4.05	ppb
Lead	207-1	205.75	215.62	219.54	213.64	3.33	ppb
Lead	208-1	197.91	209.37	213.70	206.99	3.94	ppb
Lithium	6-1				101		%
Magnesium	24-2	11618.77	11691.09	11596.07	11635.31	0.43	ppb
Manganese	55-2	1177.99	1183.21	1179.22	1180.14	0.23	ppb
Molybdenum	94-1	19.43	20.94	21.16	20.51	4.58	ppb
Molybdenum	95-1	0.57	0.65	0.66	0.63	7.89	ppb
Molybdenum	96-1	3.12	3.30	3.29	3.24	3.07	ppb
Molybdenum	97-1	0.59	0.64	0.63	0.62	4.32	ppb
Molybdenum	98-1	0.60	0.66	0.62	0.63	5.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.59	32.40	32.81	32.60	0.63	ppb
Phosphorus	31-2	1920.54	1915.61	1939.10	1925.08	0.64	ppb
Potassium	39-2	6882.81	6853.91	6877.83	6871.52	0.22	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	82-1	1.35	1.45	1.19	1.33	10.14	ppb
Selenium	77-2	12.29	13.92	13.84	13.35	6.88	ppb
Selenium	78-2	2.12	2.37	2.55	2.35	9.10	ppb
Silicon	28-1	43.41	47.39	51.00	47.27	8.04	ppb
Silver	107-1	0.90	0.94	0.95	0.93	2.94	ppb
Silver	109-1	0.87	0.91	0.93	0.90	3.08	ppb
Sodium	23-2	92.30	93.15	93.72	93.05	0.77	ppb
Strontium	86-1	1332.96	1413.22	1430.89	1392.36	3.75	ppb
Strontium	88-1	1338.29	1461.24	1454.55	1418.02	4.88	ppb
Sulfur	34-1	-841.68	-717.82	-726.02	-761.84		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.31	0.32	0.34	0.33	4.16	ppb
Thallium	205-1	0.31	0.33	0.34	0.33	5.17	ppb
Tin	118-1	1.44	1.58	1.57	1.53	5.01	ppb
Titanium	47-1	585.64	617.03	608.89	603.86	2.70	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ89	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:01:18	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	1.00	1.02	0.98	5.60	ppb
Vanadium	51-2	131.56	132.30	131.56	131.81	0.32	ppb
Yttrium	89-1				117		%
Yttrium	89-2				109		%
Zinc	66-2	633.25	630.75	630.70	631.57	0.23	ppb
Zirconium	90-1	10.57	10.97	11.48	11.01	4.16	ppb
Zirconium	91-1	10.80	11.44	11.59	11.28	3.71	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ90	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:04:22	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31985.79	31989.00	31819.32	31931.37	0.30	ppb
Antimony	121-1	0.60	0.62	0.61	0.61	1.29	ppb
Arsenic	75-2	354.21	348.47	354.48	352.38	0.96	ppb
Barium	135-1	416.98	437.65	433.68	429.44	2.55	ppb
Barium	137-1	430.12	448.91	438.35	439.13	2.14	ppb
Beryllium	9-1	1.45	1.49	1.52	1.49	2.26	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.53	5.10	5.11	4.91	6.82	ppb
Cadmium	106-1	4.26	4.57	4.61	4.48	4.31	ppb
Cadmium	111-1	4.14	4.23	4.16	4.18	1.16	ppb
Calcium	43-1	10297.70	10603.93	10692.13	10531.25	1.97	ppb
Calcium	44-1	9937.88	10182.41	10268.58	10129.63	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.08	44.90	44.72	44.90	0.40	ppb
Cobalt	59-2	32.66	32.91	32.83	32.80	0.39	ppb
Copper	63-2	174.87	175.86	174.40	175.04	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	89389.27	89749.55	88584.02	89240.95	0.67	ppb
Iron	57-2	88581.91	87936.79	87096.04	87871.58	0.85	ppb
Iron	54-2	89530.23	90794.17	89385.27	89903.22	0.86	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ90	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:04:22	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	477.94	481.02	481.34	480.10	0.39	ppb
Lead	207-1	496.20	512.98	512.66	507.28	1.89	ppb
Lead	208-1	483.07	500.13	499.66	494.29	1.97	ppb
Lithium	6-1				97		%
Magnesium	24-2	12610.96	12774.32	12642.86	12676.05	0.68	ppb
Manganese	55-2	1286.90	1285.24	1275.62	1282.59	0.47	ppb
Molybdenum	94-1	21.40	21.97	22.11	21.83	1.73	ppb
Molybdenum	95-1	1.08	1.16	1.14	1.12	3.77	ppb
Molybdenum	96-1	3.68	3.95	3.90	3.84	3.72	ppb
Molybdenum	97-1	1.09	1.14	1.17	1.13	3.42	ppb
Molybdenum	98-1	1.08	1.13	1.12	1.11	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.21	35.03	34.91	35.05	0.43	ppb
Phosphorus	31-2	2987.21	3023.23	3012.78	3007.74	0.62	ppb
Potassium	39-2	8480.72	8560.71	8524.97	8522.13	0.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	3.11	3.58	2.78	3.16	12.82	ppb
Selenium	77-2	11.72	14.45	15.87	14.01	15.04	ppb
Selenium	78-2	3.99	3.78	3.81	3.86	2.94	ppb
Silicon	28-1	65.43	72.42	68.12	68.65	5.13	ppb
Silver	107-1	1.77	1.86	1.84	1.82	2.63	ppb
Silver	109-1	1.78	1.85	1.87	1.83	2.51	ppb
Sodium	23-2	115.13	116.80	116.32	116.08	0.74	ppb
Strontium	86-1	1549.34	1619.95	1626.46	1598.58	2.68	ppb
Strontium	88-1	1595.66	1643.15	1648.87	1629.23	1.79	ppb
Sulfur	34-1	512.15	681.04	706.00	633.06	16.66	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.39	0.37	0.39	0.38	2.97	ppb
Thallium	205-1	0.38	0.39	0.39	0.39	2.00	ppb
Tin	118-1	2.03	2.12	2.15	2.10	3.11	ppb
Titanium	47-1	641.83	666.14	674.58	660.85	2.57	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ90	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:04:22	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.20	1.22	1.21	1.01	ppb
Vanadium	51-2	131.80	132.78	132.19	132.25	0.37	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	1189.71	1212.99	1196.52	1199.74	1.00	ppb
Zirconium	90-1	11.19	11.74	11.69	11.54	2.65	ppb
Zirconium	91-1	11.37	11.84	11.80	11.67	2.22	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ91	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:07:23	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32596.78	32902.15	32717.03	32738.65	0.47	ppb
Antimony	121-1	0.32	0.34	0.34	0.33	3.86	ppb
Arsenic	75-2	226.56	226.38	224.33	225.76	0.55	ppb
Barium	135-1	386.93	404.20	404.24	398.46	2.51	ppb
Barium	137-1	389.50	409.44	412.76	403.90	3.12	ppb
Beryllium	9-1	1.58	1.67	1.62	1.63	2.76	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.75	2.87	3.24	2.96	8.68	ppb
Cadmium	106-1	3.55	2.50	2.97	3.00	17.52	ppb
Cadmium	111-1	2.17	2.25	2.19	2.20	1.82	ppb
Calcium	43-1	10420.46	10736.46	10976.90	10711.27	2.61	ppb
Calcium	44-1	9812.05	10273.28	10412.42	10165.92	3.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.98	42.99	42.57	42.85	0.56	ppb
Cobalt	59-2	32.44	32.73	32.55	32.57	0.44	ppb
Copper	63-2	117.94	118.90	117.02	117.95	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	85338.06	87085.12	85660.72	86027.97	1.08	ppb
Iron	57-2	84727.41	85865.86	83971.15	84854.81	1.12	ppb
Iron	54-2	86455.42	86429.72	85560.95	86148.70	0.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ91	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:07:23	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	183.59	194.41	196.00	191.33	3.53	ppb
Lead	207-1	196.47	206.51	208.81	203.93	3.22	ppb
Lead	208-1	188.19	199.46	200.54	196.06	3.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	12267.94	12330.95	12177.98	12258.96	0.63	ppb
Manganese	55-2	1198.02	1194.32	1181.30	1191.21	0.74	ppb
Molybdenum	94-1	21.82	23.42	23.12	22.78	3.74	ppb
Molybdenum	95-1	0.66	0.66	0.69	0.67	2.98	ppb
Molybdenum	96-1	3.43	3.65	3.56	3.55	3.06	ppb
Molybdenum	97-1	0.67	0.67	0.70	0.68	2.73	ppb
Molybdenum	98-1	0.65	0.71	0.70	0.69	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.44	34.06	33.13	33.55	1.41	ppb
Phosphorus	31-2	1794.32	1770.61	1793.70	1786.21	0.76	ppb
Potassium	39-2	6028.84	6132.76	6097.38	6086.33	0.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	1.98	1.70	1.68	1.78	9.53	ppb
Selenium	77-2	12.35	14.42	16.20	14.32	13.44	ppb
Selenium	78-2	3.56	3.44	3.21	3.40	5.20	ppb
Silicon	28-1	65.20	68.78	70.28	68.09	3.83	ppb
Silver	107-1	1.01	1.07	1.05	1.04	2.72	ppb
Silver	109-1	0.99	1.05	1.08	1.04	4.68	ppb
Sodium	23-2	96.42	95.85	94.21	95.49	1.20	ppb
Strontium	86-1	1409.56	1496.89	1484.57	1463.67	3.23	ppb
Strontium	88-1	1447.81	1502.70	1512.76	1487.76	2.35	ppb
Sulfur	34-1	417.78	590.94	683.67	564.13	23.92	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.33	0.37	0.38	0.36	8.33	ppb
Thallium	205-1	0.34	0.36	0.37	0.36	3.39	ppb
Tin	118-1	0.76	0.81	0.83	0.80	4.73	ppb
Titanium	47-1	621.50	651.04	669.60	647.38	3.75	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ91	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:07:23	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.08	1.09	1.06	4.11	ppb
Vanadium	51-2	147.41	147.80	147.40	147.54	0.16	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	702.85	708.68	699.25	703.59	0.68	ppb
Zirconium	90-1	11.87	12.45	12.52	12.28	2.91	ppb
Zirconium	91-1	12.07	12.61	12.61	12.43	2.52	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ92	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:10:27	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28183.71	27993.60	27767.00	27981.44	0.75	ppb
Antimony	121-1	0.63	0.64	0.64	0.64	1.39	ppb
Arsenic	75-2	311.43	313.07	312.32	312.27	0.26	ppb
Barium	135-1	384.50	395.12	396.98	392.20	1.72	ppb
Barium	137-1	383.00	400.34	394.59	392.64	2.25	ppb
Beryllium	9-1	1.30	1.35	1.29	1.31	2.71	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.43	4.44	4.54	4.47	1.36	ppb
Cadmium	106-1	4.86	4.15	4.85	4.62	8.79	ppb
Cadmium	111-1	3.58	3.55	3.80	3.64	3.72	ppb
Calcium	43-1	9352.31	9563.46	9603.50	9506.42	1.42	ppb
Calcium	44-1	9052.23	9313.96	9146.67	9170.96	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.86	37.39	37.80	37.68	0.68	ppb
Cobalt	59-2	31.11	30.88	31.63	31.21	1.24	ppb
Copper	63-2	152.85	152.37	153.91	153.04	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	81881.43	81578.34	81606.82	81688.86	0.20	ppb
Iron	57-2	80462.06	80779.41	80031.90	80424.46	0.47	ppb
Iron	54-2	81877.42	81173.00	82148.63	81733.02	0.62	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ92	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:10:27	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	405.80	417.16	419.06	414.00	1.73	ppb
Lead	207-1	428.63	441.05	439.26	436.31	1.54	ppb
Lead	208-1	417.02	427.68	426.18	423.63	1.36	ppb
Lithium	6-1				97		%
Magnesium	24-2	11557.34	11638.62	11613.34	11603.10	0.36	ppb
Manganese	55-2	1310.15	1294.05	1301.26	1301.82	0.62	ppb
Molybdenum	94-1	21.40	21.84	22.11	21.78	1.64	ppb
Molybdenum	95-1	1.05	1.07	1.08	1.07	1.10	ppb
Molybdenum	96-1	3.71	3.75	3.91	3.79	2.76	ppb
Molybdenum	97-1	1.03	1.03	1.11	1.06	4.39	ppb
Molybdenum	98-1	1.06	1.07	1.05	1.06	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.16	30.92	31.12	31.07	0.41	ppb
Phosphorus	31-2	2631.15	2559.53	2607.92	2599.54	1.41	ppb
Potassium	39-2	7680.17	7686.57	7793.06	7719.94	0.82	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	2.66	2.87	2.38	2.64	9.35	ppb
Selenium	77-2	15.39	14.98	12.63	14.33	10.38	ppb
Selenium	78-2	3.04	3.28	3.69	3.34	9.94	ppb
Silicon	28-1	64.81	67.42	67.41	66.55	2.26	ppb
Silver	107-1	1.62	1.66	1.69	1.66	2.23	ppb
Silver	109-1	1.62	1.65	1.71	1.66	2.67	ppb
Sodium	23-2	101.50	101.81	101.43	101.58	0.20	ppb
Strontium	86-1	1393.53	1437.08	1435.37	1422.00	1.73	ppb
Strontium	88-1	1434.85	1446.86	1443.38	1441.70	0.43	ppb
Sulfur	34-1	270.67	375.12	404.99	350.26	20.14	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.35	0.37	0.35	0.36	3.35	ppb
Thallium	205-1	0.33	0.36	0.37	0.36	5.67	ppb
Tin	118-1	1.92	2.03	2.01	1.99	3.04	ppb
Titanium	47-1	577.59	577.18	576.15	576.97	0.13	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ92	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:10:27	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.08	1.08	1.06	2.28	ppb
Vanadium	51-2	121.34	121.16	121.93	121.48	0.33	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	1025.67	1026.05	1029.07	1026.93	0.18	ppb
Zirconium	90-1	11.27	11.51	11.63	11.47	1.58	ppb
Zirconium	91-1	11.35	11.66	11.85	11.62	2.18	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ93	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:13:29	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28336.85	28620.87	28676.55	28544.76	0.64	ppb
Antimony	121-1	0.32	0.36	0.36	0.35	6.13	ppb
Arsenic	75-2	204.63	203.62	202.30	203.52	0.57	ppb
Barium	135-1	275.54	301.70	304.59	293.94	5.44	ppb
Barium	137-1	276.89	305.54	314.76	299.06	6.60	ppb
Beryllium	9-1	1.15	1.41	1.46	1.34	12.72	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.95	3.06	2.81	2.94	4.38	ppb
Cadmium	106-1	3.00	2.96	3.21	3.06	4.45	ppb
Cadmium	111-1	2.11	2.28	2.47	2.29	7.87	ppb
Calcium	43-1	9959.70	10910.83	11045.65	10638.73	5.56	ppb
Calcium	44-1	9654.38	10536.99	10586.48	10259.28	5.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.44	40.80	40.55	40.60	0.45	ppb
Cobalt	59-2	34.89	35.26	35.62	35.25	1.03	ppb
Copper	63-2	105.12	106.72	107.30	106.38	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	79977.62	80109.47	81946.78	80677.96	1.36	ppb
Iron	57-2	79314.08	79085.76	79809.80	79403.21	0.47	ppb
Iron	54-2	79811.80	79623.36	81395.85	80277.00	1.21	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ93	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:13:29	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	194.51	209.71	214.29	206.17	5.02	ppb
Lead	207-1	207.73	222.71	230.52	220.32	5.26	ppb
Lead	208-1	199.07	214.96	221.31	211.78	5.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	11989.50	12111.73	12139.48	12080.24	0.66	ppb
Manganese	55-2	1210.17	1201.75	1216.49	1209.47	0.61	ppb
Molybdenum	94-1	20.42	22.63	22.59	21.88	5.78	ppb
Molybdenum	95-1	0.63	0.76	0.76	0.72	9.90	ppb
Molybdenum	96-1	3.16	3.50	3.53	3.39	6.07	ppb
Molybdenum	97-1	0.67	0.69	0.73	0.70	4.39	ppb
Molybdenum	98-1	0.63	0.71	0.71	0.68	6.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.59	34.51	34.61	34.24	1.65	ppb
Phosphorus	31-2	2125.49	2098.51	2110.13	2111.38	0.64	ppb
Potassium	39-2	6932.31	7038.03	6941.71	6970.68	0.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	1.19	1.33	1.04	1.19	11.87	ppb
Selenium	77-2	11.35	9.82	11.73	10.97	9.18	ppb
Selenium	78-2	1.27	2.78	3.18	2.41	41.78	ppb
Silicon	28-1	59.39	67.43	66.13	64.31	6.71	ppb
Silver	107-1	0.77	0.83	0.85	0.81	4.90	ppb
Silver	109-1	0.73	0.84	0.85	0.81	7.97	ppb
Sodium	23-2	98.51	100.49	99.87	99.62	1.02	ppb
Strontium	86-1	1228.70	1357.11	1364.05	1316.62	5.79	ppb
Strontium	88-1	1258.03	1367.51	1377.06	1334.20	4.96	ppb
Sulfur	34-1	-403.09	-82.65	-22.00	-169.25		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.33	0.33	0.32	4.05	ppb
Thallium	205-1	0.30	0.33	0.35	0.32	7.51	ppb
Tin	118-1	0.82	0.92	0.94	0.89	7.25	ppb
Titanium	47-1	634.02	692.79	704.16	676.99	5.56	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ93	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:13:29	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.96	0.99	0.94	5.97	ppb
Vanadium	51-2	128.30	128.94	130.05	129.09	0.69	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	710.34	713.33	722.53	715.40	0.89	ppb
Zirconium	90-1	11.00	12.11	12.17	11.76	5.59	ppb
Zirconium	91-1	11.10	12.23	12.46	11.93	6.12	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ94	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:16:34	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32948.35	32594.46	32345.22	32629.35	0.93	ppb
Antimony	121-1	0.80	0.81	0.82	0.81	1.22	ppb
Arsenic	75-2	443.72	443.78	441.16	442.89	0.34	ppb
Barium	135-1	339.98	346.85	343.07	343.30	1.00	ppb
Barium	137-1	348.54	352.30	355.70	352.18	1.02	ppb
Beryllium	9-1	1.45	1.41	1.41	1.43	1.63	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.26	5.37	5.32	5.32	1.02	ppb
Cadmium	106-1	6.08	5.82	4.94	5.62	10.63	ppb
Cadmium	111-1	4.39	4.39	4.24	4.34	1.98	ppb
Calcium	43-1	11814.38	11691.63	11660.92	11722.31	0.69	ppb
Calcium	44-1	11447.85	11276.31	11244.73	11322.96	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.13	47.56	47.07	47.25	0.56	ppb
Cobalt	59-2	32.96	32.87	32.91	32.91	0.13	ppb
Copper	63-2	157.63	158.45	157.23	157.77	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	94915.51	95542.32	94554.97	95004.27	0.53	ppb
Iron	57-2	94654.59	94193.20	92458.38	93768.72	1.23	ppb
Iron	54-2	94276.46	96240.49	95609.45	95375.47	1.05	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ94	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:16:34	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	427.47	426.37	426.08	426.64	0.17	ppb
Lead	207-1	463.34	461.51	456.78	460.55	0.73	ppb
Lead	208-1	448.60	444.88	442.40	445.29	0.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	13805.68	13577.26	13511.92	13631.62	1.13	ppb
Manganese	55-2	1194.58	1211.10	1199.06	1201.58	0.71	ppb
Molybdenum	94-1	27.02	27.75	27.72	27.49	1.50	ppb
Molybdenum	95-1	1.00	1.06	1.06	1.04	3.11	ppb
Molybdenum	96-1	4.48	4.48	4.35	4.44	1.63	ppb
Molybdenum	97-1	1.04	1.07	1.02	1.04	2.69	ppb
Molybdenum	98-1	1.00	1.02	1.02	1.02	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.47	36.29	36.16	36.31	0.42	ppb
Phosphorus	31-2	2897.82	2896.28	2873.98	2889.36	0.46	ppb
Potassium	39-2	7838.84	7932.84	7681.07	7817.59	1.63	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	3.02	3.50	2.51	3.01	16.39	ppb
Selenium	77-2	14.31	14.30	16.52	15.04	8.51	ppb
Selenium	78-2	4.31	5.76	4.21	4.76	18.30	ppb
Silicon	28-1	71.17	70.86	70.43	70.82	0.52	ppb
Silver	107-1	1.90	1.96	2.01	1.96	2.93	ppb
Silver	109-1	1.85	1.96	1.97	1.93	3.27	ppb
Sodium	23-2	109.40	109.61	109.09	109.36	0.24	ppb
Strontium	86-1	1793.89	1832.22	1826.39	1817.50	1.14	ppb
Strontium	88-1	1824.70	1828.98	1861.97	1838.55	1.11	ppb
Sulfur	34-1	660.65	670.70	596.12	642.49	6.30	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.42	0.39	0.42	0.41	3.91	ppb
Thallium	205-1	0.42	0.42	0.42	0.42	0.27	ppb
Tin	118-1	2.65	2.81	2.72	2.73	2.84	ppb
Titanium	47-1	719.88	717.92	725.07	720.96	0.51	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ94	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:16:34	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.11	1.14	1.12	1.58	ppb
Vanadium	51-2	146.66	147.18	145.26	146.36	0.68	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	1311.01	1312.90	1275.07	1299.66	1.64	ppb
Zirconium	90-1	14.56	14.94	14.93	14.81	1.46	ppb
Zirconium	91-1	14.73	15.05	15.13	14.97	1.40	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ95	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:19:34	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27595.62	27355.51	27243.22	27398.12	0.66	ppb
Antimony	121-1	0.34	0.36	0.36	0.35	3.57	ppb
Arsenic	75-2	219.56	219.08	218.80	219.14	0.18	ppb
Barium	135-1	260.57	277.33	279.03	272.31	3.75	ppb
Barium	137-1	266.82	284.66	287.89	279.79	4.06	ppb
Beryllium	9-1	1.12	1.35	1.32	1.26	9.81	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.15	3.10	3.50	3.25	6.60	ppb
Cadmium	106-1	3.88	3.31	2.90	3.36	14.58	ppb
Cadmium	111-1	2.45	2.67	2.57	2.57	4.35	ppb
Calcium	43-1	8785.49	9434.67	9412.42	9210.86	4.00	ppb
Calcium	44-1	8496.78	9170.72	9050.19	8905.90	4.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.61	38.81	38.78	38.73	0.27	ppb
Cobalt	59-2	28.50	28.81	28.67	28.66	0.54	ppb
Copper	63-2	104.52	104.54	103.86	104.31	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	74528.51	74194.29	73672.22	74131.67	0.58	ppb
Iron	57-2	73587.95	72375.61	72288.46	72750.67	1.00	ppb
Iron	54-2	74886.60	74194.82	73932.72	74338.04	0.66	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ95	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:19:34	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	193.00	210.59	207.19	203.59	4.58	ppb
Lead	207-1	204.23	224.74	220.66	216.54	5.01	ppb
Lead	208-1	196.15	216.46	214.49	209.03	5.36	ppb
Lithium	6-1				98		%
Magnesium	24-2	11578.92	11449.30	11309.52	11445.91	1.18	ppb
Manganese	55-2	1177.53	1174.76	1169.68	1173.99	0.34	ppb
Molybdenum	94-1	17.64	18.98	19.25	18.62	4.65	ppb
Molybdenum	95-1	0.65	0.72	0.72	0.69	6.00	ppb
Molybdenum	96-1	2.92	3.23	3.17	3.11	5.18	ppb
Molybdenum	97-1	0.70	0.72	0.68	0.70	3.00	ppb
Molybdenum	98-1	0.64	0.70	0.72	0.69	6.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.09	31.00	30.96	31.02	0.22	ppb
Phosphorus	31-2	2139.76	2122.82	2121.85	2128.14	0.47	ppb
Potassium	39-2	6261.30	6186.97	6268.68	6238.98	0.72	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	1.06	1.17	1.20	1.14	6.22	ppb
Selenium	77-2	11.95	12.10	7.84	10.63	22.78	ppb
Selenium	78-2	2.46	1.90	2.09	2.15	13.40	ppb
Silicon	28-1	54.91	59.43	59.33	57.89	4.45	ppb
Silver	107-1	0.80	0.84	0.84	0.83	3.08	ppb
Silver	109-1	0.78	0.84	0.87	0.83	5.75	ppb
Sodium	23-2	102.17	99.10	99.49	100.26	1.67	ppb
Strontium	86-1	1210.90	1294.28	1326.79	1277.32	4.68	ppb
Strontium	88-1	1221.78	1319.53	1344.43	1295.25	5.01	ppb
Sulfur	34-1	-943.41	-668.96	-725.46	-779.28		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.28	0.32	0.31	0.31	6.27	ppb
Thallium	205-1	0.27	0.32	0.30	0.30	8.72	ppb
Tin	118-1	0.46	0.50	0.50	0.49	4.21	ppb
Titanium	47-1	549.36	588.99	593.04	577.13	4.18	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ95	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:19:34	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.92	0.91	0.89	5.71	ppb
Vanadium	51-2	117.60	116.60	116.60	116.93	0.49	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	750.48	749.06	749.09	749.54	0.11	ppb
Zirconium	90-1	9.55	10.20	10.43	10.06	4.52	ppb
Zirconium	91-1	9.54	10.15	10.61	10.10	5.34	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ96	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:22:39	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30708.03	30760.87	30667.00	30711.97	0.15	ppb
Antimony	121-1	0.26	0.25	0.25	0.26	2.40	ppb
Arsenic	75-2	117.63	115.44	113.97	115.68	1.59	ppb
Barium	135-1	350.47	347.91	352.32	350.24	0.63	ppb
Barium	137-1	363.96	359.26	357.51	360.24	0.93	ppb
Beryllium	9-1	1.51	1.35	1.57	1.47	7.66	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.53	2.45	2.80	2.60	7.01	ppb
Cadmium	106-1	3.89	3.17	2.52	3.19	21.47	ppb
Cadmium	111-1	2.15	2.11	2.10	2.12	1.34	ppb
Calcium	43-1	11334.80	11470.15	11462.99	11422.65	0.67	ppb
Calcium	44-1	10798.17	10968.87	11149.40	10972.15	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.05	39.83	39.83	39.91	0.32	ppb
Cobalt	59-2	37.09	37.01	37.19	37.09	0.24	ppb
Copper	63-2	105.10	105.09	105.46	105.22	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	79507.79	79789.92	79772.15	79689.95	0.20	ppb
Iron	57-2	79082.48	78455.30	78554.93	78697.57	0.43	ppb
Iron	54-2	79719.49	79610.16	79407.31	79578.99	0.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ96	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:22:39	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	182.30	180.39	184.73	182.47	1.19	ppb
Lead	207-1	188.27	187.18	188.10	187.85	0.31	ppb
Lead	208-1	184.15	183.61	184.07	183.94	0.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	14029.84	14084.95	13967.15	14027.31	0.42	ppb
Manganese	55-2	1825.49	1802.27	1813.56	1813.77	0.64	ppb
Molybdenum	94-1	20.17	20.60	20.71	20.50	1.39	ppb
Molybdenum	95-1	0.65	0.61	0.67	0.64	4.73	ppb
Molybdenum	96-1	3.21	3.31	3.24	3.25	1.53	ppb
Molybdenum	97-1	0.59	0.63	0.60	0.61	3.69	ppb
Molybdenum	98-1	0.62	0.62	0.61	0.62	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.61	36.29	36.15	36.35	0.66	ppb
Phosphorus	31-2	2011.03	2013.34	2015.95	2013.44	0.12	ppb
Potassium	39-2	8229.96	8321.88	8238.87	8263.57	0.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	1.08	0.70	0.63	0.80	29.97	ppb
Selenium	77-2	13.15	10.38	10.87	11.46	12.89	ppb
Selenium	78-2	2.77	1.38	2.58	2.24	33.43	ppb
Silicon	28-1	46.87	48.08	48.49	47.81	1.76	ppb
Silver	107-1	0.63	0.63	0.67	0.64	3.72	ppb
Silver	109-1	0.63	0.63	0.65	0.64	1.79	ppb
Sodium	23-2	95.32	93.68	94.69	94.57	0.87	ppb
Strontium	86-1	1460.29	1468.27	1481.11	1469.89	0.71	ppb
Strontium	88-1	1458.80	1482.43	1503.71	1481.64	1.52	ppb
Sulfur	34-1	-644.65	-558.81	-505.88	-569.78		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.31	0.33	0.31	0.32	2.43	ppb
Thallium	205-1	0.31	0.31	0.32	0.31	0.94	ppb
Tin	118-1	0.39	0.39	0.40	0.39	2.61	ppb
Titanium	47-1	764.17	776.58	767.53	769.42	0.83	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ96	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:22:39	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	0.98	1.00	0.99	1.05	ppb
Vanadium	51-2	125.70	125.37	125.22	125.43	0.20	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	622.74	622.69	619.97	621.80	0.25	ppb
Zirconium	90-1	10.85	11.16	11.21	11.07	1.75	ppb
Zirconium	91-1	11.04	11.15	11.33	11.18	1.32	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ97	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:25:42	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31958.68	31933.44	31628.07	31840.06	0.58	ppb
Antimony	121-1	0.26	0.26	0.26	0.26	1.23	ppb
Arsenic	75-2	65.90	66.32	65.57	65.93	0.57	ppb
Barium	135-1	237.24	238.14	238.60	237.99	0.29	ppb
Barium	137-1	244.94	247.99	246.79	246.58	0.62	ppb
Beryllium	9-1	0.72	0.76	0.84	0.77	8.58	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.72	1.49	1.81	1.67	9.88	ppb
Cadmium	106-1	2.05	2.02	2.40	2.16	9.80	ppb
Cadmium	111-1	0.83	0.83	0.82	0.82	0.67	ppb
Calcium	43-1	25190.21	25341.76	26172.60	25568.19	2.07	ppb
Calcium	44-1	25058.01	25577.31	25282.26	25305.86	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.77	66.06	66.19	66.00	0.33	ppb
Cobalt	59-2	47.17	47.13	47.22	47.18	0.10	ppb
Copper	63-2	168.18	166.67	167.02	167.29	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	88903.51	87317.42	88166.05	88128.99	0.90	ppb
Iron	57-2	86633.09	86389.58	86942.13	86654.93	0.32	ppb
Iron	54-2	87968.59	87317.17	87422.25	87569.34	0.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ97	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:25:42	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.91	44.28	44.04	43.74	1.67	ppb
Lead	207-1	41.49	42.75	42.45	42.23	1.56	ppb
Lead	208-1	40.87	42.46	42.19	41.84	2.03	ppb
Lithium	6-1				97		%
Magnesium	24-2	20541.57	20404.66	20419.58	20455.27	0.37	ppb
Manganese	55-2	1695.75	1685.55	1679.78	1687.03	0.48	ppb
Molybdenum	94-1	15.19	15.24	15.30	15.24	0.38	ppb
Molybdenum	95-1	1.21	1.21	1.21	1.21	0.18	ppb
Molybdenum	96-1	3.20	3.28	3.21	3.23	1.33	ppb
Molybdenum	97-1	1.22	1.21	1.18	1.20	1.40	ppb
Molybdenum	98-1	1.17	1.19	1.18	1.18	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.21	58.44	57.60	58.08	0.75	ppb
Phosphorus	31-2	1875.39	1873.20	1874.42	1874.34	0.06	ppb
Potassium	39-2	4411.24	4461.37	4442.69	4438.44	0.57	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.01	-0.06	-0.51	-0.19		ppb
Selenium	77-2	7.04	6.88	6.53	6.82	3.81	ppb
Selenium	78-2	0.99	0.68	0.00	0.56	90.83	ppb
Silicon	28-1	41.21	42.49	42.61	42.10	1.85	ppb
Silver	107-1	0.23	0.24	0.25	0.24	2.68	ppb
Silver	109-1	0.23	0.22	0.24	0.23	4.21	ppb
Sodium	23-2	490.39	492.35	490.88	491.21	0.21	ppb
Strontium	86-1	2370.76	2420.88	2420.24	2403.96	1.20	ppb
Strontium	88-1	2400.15	2434.51	2433.94	2422.86	0.81	ppb
Sulfur	34-1	-1246.67	-1109.04	-1058.06	-1137.93		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.16	0.15	0.16	0.15	2.60	ppb
Thallium	205-1	0.15	0.16	0.16	0.16	4.12	ppb
Tin	118-1	0.34	0.36	0.35	0.35	2.79	ppb
Titanium	47-1	641.87	640.77	629.93	637.52	1.04	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ97	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:25:42	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.64	0.64	0.63	1.61	ppb
Vanadium	51-2	163.09	162.92	163.63	163.21	0.23	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	229.39	229.50	230.17	229.69	0.18	ppb
Zirconium	90-1	7.81	7.94	7.92	7.89	0.85	ppb
Zirconium	91-1	7.71	8.05	8.00	7.92	2.33	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ98	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:28:49	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42479.58	42267.72	41884.08	42210.46	0.72	ppb
Antimony	121-1	0.14	0.14	0.13	0.14	2.54	ppb
Arsenic	75-2	90.09	89.86	89.43	89.79	0.37	ppb
Barium	135-1	503.81	509.70	519.51	511.01	1.55	ppb
Barium	137-1	512.10	511.40	514.36	512.62	0.30	ppb
Beryllium	9-1	1.43	1.56	1.61	1.53	6.22	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.41	3.66	3.16	3.41	7.24	ppb
Cadmium	106-1	5.13	4.42	4.71	4.75	7.51	ppb
Cadmium	111-1	2.02	1.90	1.97	1.96	3.05	ppb
Calcium	43-1	25033.43	25343.10	25041.93	25139.49	0.70	ppb
Calcium	44-1	24102.68	24409.00	24271.08	24260.92	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	157.44	157.22	157.44	157.37	0.08	ppb
Cobalt	59-2	95.50	95.63	95.79	95.64	0.15	ppb
Copper	63-2	260.11	258.77	263.36	260.74	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	92929.86	93297.62	92142.20	92789.89	0.64	ppb
Iron	57-2	92276.88	90950.38	91290.44	91505.90	0.75	ppb
Iron	54-2	92803.10	93115.56	92618.74	92845.80	0.27	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ98	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:28:49	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.94	69.47	68.62	68.68	1.12	ppb
Lead	207-1	65.98	66.96	66.05	66.33	0.82	ppb
Lead	208-1	67.71	68.51	68.09	68.10	0.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	26071.65	25891.29	25904.62	25955.85	0.39	ppb
Manganese	55-2	2687.38	2699.16	2687.83	2691.46	0.25	ppb
Molybdenum	94-1	37.01	37.25	37.06	37.10	0.34	ppb
Molybdenum	95-1	0.93	0.95	0.96	0.95	1.59	ppb
Molybdenum	96-1	5.31	5.46	5.33	5.36	1.50	ppb
Molybdenum	97-1	0.97	0.96	0.95	0.96	1.23	ppb
Molybdenum	98-1	0.94	0.94	0.93	0.94	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.02	142.37	143.25	142.88	0.32	ppb
Phosphorus	31-2	3508.16	3490.42	3530.36	3509.65	0.57	ppb
Potassium	39-2	8134.82	8103.84	8205.91	8148.19	0.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	-0.18	-0.28	-0.20	-0.22		ppb
Selenium	77-2	14.07	10.83	11.53	12.14	14.07	ppb
Selenium	78-2	2.21	2.18	1.58	1.99	17.76	ppb
Silicon	28-1	54.80	50.51	49.94	51.75	5.14	ppb
Silver	107-1	0.48	0.48	0.48	0.48	0.37	ppb
Silver	109-1	0.43	0.45	0.45	0.44	1.45	ppb
Sodium	23-2	393.07	395.07	391.52	393.22	0.45	ppb
Strontium	86-1	4263.44	4346.10	4314.22	4307.92	0.97	ppb
Strontium	88-1	4348.27	4403.40	4384.30	4378.66	0.64	ppb
Sulfur	34-1	-817.19	-752.12	-734.57	-767.96		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.24	0.25	0.25	0.25	1.82	ppb
Thallium	205-1	0.23	0.25	0.24	0.24	3.82	ppb
Tin	118-1	1.52	1.55	1.58	1.55	1.71	ppb
Titanium	47-1	328.01	331.89	326.51	328.81	0.85	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ98	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:28:49	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.92	0.92	0.91	1.57	ppb
Vanadium	51-2	180.52	181.35	180.76	180.88	0.24	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	457.25	457.22	458.16	457.54	0.12	ppb
Zirconium	90-1	19.92	20.50	20.18	20.20	1.45	ppb
Zirconium	91-1	20.17	20.43	20.54	20.38	0.94	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ99	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:31:53	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52523.20	53125.30	53096.76	52915.08	0.64	ppb
Antimony	121-1	0.17	0.19	0.18	0.18	4.08	ppb
Arsenic	75-2	120.58	121.25	123.86	121.90	1.42	ppb
Barium	135-1	355.33	362.71	358.91	358.99	1.03	ppb
Barium	137-1	368.36	375.67	366.96	370.33	1.26	ppb
Beryllium	9-1	0.98	1.12	1.01	1.04	6.75	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.69	2.62	3.10	2.81	9.28	ppb
Cadmium	106-1	2.91	3.59	3.49	3.33	11.05	ppb
Cadmium	111-1	1.53	1.59	1.56	1.56	1.90	ppb
Calcium	43-1	23636.08	23946.21	23674.30	23752.20	0.71	ppb
Calcium	44-1	22703.64	22784.88	22542.21	22676.91	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	211.27	215.28	215.37	213.98	1.09	ppb
Cobalt	59-2	120.03	120.51	121.11	120.55	0.45	ppb
Copper	63-2	319.62	322.89	318.61	320.37	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	121935.74	121982.28	122903.49	122273.84	0.45	ppb
Iron	57-2	119728.17	120235.89	120935.55	120299.87	0.50	ppb
Iron	54-2	121801.31	122617.43	122448.15	122288.97	0.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ99	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:31:53	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.65	43.84	43.01	43.17	1.41	ppb
Lead	207-1	41.63	42.12	42.06	41.93	0.64	ppb
Lead	208-1	41.28	41.99	41.62	41.63	0.85	ppb
Lithium	6-1				96		%
Magnesium	24-2	38974.89	39532.33	39526.53	39344.58	0.81	ppb
Manganese	55-2	2974.36	3012.55	3020.44	3002.45	0.82	ppb
Molybdenum	94-1	22.22	22.74	22.48	22.48	1.17	ppb
Molybdenum	95-1	0.84	0.84	0.86	0.85	1.12	ppb
Molybdenum	96-1	3.88	3.88	3.83	3.87	0.79	ppb
Molybdenum	97-1	0.82	0.83	0.83	0.83	0.67	ppb
Molybdenum	98-1	0.80	0.77	0.80	0.79	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	183.07	182.39	183.95	183.14	0.43	ppb
Phosphorus	31-2	2370.95	2271.62	2326.00	2322.86	2.14	ppb
Potassium	39-2	7717.72	7676.17	7687.76	7693.88	0.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	-0.14	0.34	-0.17	0.01	4348.93	ppb
Selenium	77-2	7.49	7.52	7.32	7.44	1.39	ppb
Selenium	78-2	1.09	1.19	0.79	1.02	20.45	ppb
Silicon	28-1	39.96	40.63	40.56	40.39	0.91	ppb
Silver	107-1	0.34	0.35	0.34	0.34	1.29	ppb
Silver	109-1	0.33	0.34	0.33	0.33	2.95	ppb
Sodium	23-2	259.03	260.54	261.42	260.33	0.46	ppb
Strontium	86-1	2959.60	2990.71	2998.38	2982.90	0.69	ppb
Strontium	88-1	2979.58	3050.79	3002.33	3010.90	1.21	ppb
Sulfur	34-1	-1113.65	-1014.88	-1019.58	-1049.37		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.22	0.23	0.22	2.15	ppb
Thallium	205-1	0.22	0.22	0.22	0.22	0.74	ppb
Tin	118-1	1.10	1.12	1.09	1.10	1.26	ppb
Titanium	47-1	601.74	615.89	612.68	610.11	1.22	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ99	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:31:53	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.70	0.67	0.68	2.33	ppb
Vanadium	51-2	271.53	273.30	271.09	271.97	0.43	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	425.62	423.78	427.54	425.64	0.44	ppb
Zirconium	90-1	12.01	12.28	12.24	12.18	1.22	ppb
Zirconium	91-1	11.99	12.20	12.19	12.13	0.98	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-12	Instrumnet Name :	P7
Client Sample ID :	MYCZA0	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:34:57	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30687.92	30735.55	30805.04	30742.84	0.19	ppb
Antimony	121-1	0.08	0.09	0.09	0.09	8.50	ppb
Arsenic	75-2	50.17	50.83	51.34	50.78	1.15	ppb
Barium	135-1	554.73	566.10	560.39	560.41	1.01	ppb
Barium	137-1	555.44	571.90	568.50	565.28	1.54	ppb
Beryllium	9-1	1.58	1.64	1.69	1.64	3.16	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.02	2.83	3.07	2.98	4.23	ppb
Cadmium	106-1	4.71	4.64	4.73	4.69	0.98	ppb
Cadmium	111-1	1.51	1.55	1.50	1.52	1.74	ppb
Calcium	43-1	25863.52	26193.50	26137.53	26064.85	0.68	ppb
Calcium	44-1	25877.98	26151.72	26112.21	26047.31	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.66	66.59	67.01	66.75	0.34	ppb
Cobalt	59-2	34.49	34.57	34.65	34.57	0.23	ppb
Copper	63-2	172.45	174.29	174.49	173.74	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	71531.09	71712.00	71987.55	71743.55	0.32	ppb
Iron	57-2	70547.55	70363.96	70821.38	70577.63	0.33	ppb
Iron	54-2	71205.40	71830.95	72296.21	71777.52	0.76	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-12	Instrumnet Name :	P7
Client Sample ID :	MYCZA0	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:34:57	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	114.26	114.93	115.14	114.78	0.40	ppb
Lead	207-1	110.79	110.98	111.77	111.18	0.47	ppb
Lead	208-1	112.46	115.46	114.69	114.20	1.37	ppb
Lithium	6-1				96		%
Magnesium	24-2	15692.59	15658.62	15790.87	15714.03	0.44	ppb
Manganese	55-2	1916.86	1913.30	1915.12	1915.09	0.09	ppb
Molybdenum	94-1	38.69	39.72	39.59	39.33	1.42	ppb
Molybdenum	95-1	0.80	0.80	0.79	0.79	1.21	ppb
Molybdenum	96-1	5.29	5.33	5.28	5.30	0.49	ppb
Molybdenum	97-1	0.78	0.83	0.79	0.80	3.79	ppb
Molybdenum	98-1	0.77	0.77	0.79	0.78	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.65	74.43	74.85	74.65	0.28	ppb
Phosphorus	31-2	2760.04	2778.99	2801.26	2780.10	0.74	ppb
Potassium	39-2	4181.92	4249.28	4257.03	4229.41	0.98	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.54	-0.21	-0.24	0.03	1501.65	ppb
Selenium	77-2	14.59	16.63	14.75	15.33	7.41	ppb
Selenium	78-2	2.36	3.14	3.38	2.96	17.94	ppb
Silicon	28-1	22.40	22.75	23.96	23.04	3.56	ppb
Silver	107-1	0.32	0.31	0.31	0.32	1.56	ppb
Silver	109-1	0.30	0.31	0.29	0.30	2.54	ppb
Sodium	23-2	228.22	229.60	231.78	229.87	0.78	ppb
Strontium	86-1	3663.22	3757.26	3739.53	3720.00	1.34	ppb
Strontium	88-1	3739.38	3792.80	3786.39	3772.86	0.77	ppb
Sulfur	34-1	-888.79	-852.70	-813.70	-851.73		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.24	0.24	0.23	0.23	2.18	ppb
Thallium	205-1	0.24	0.23	0.23	0.23	2.48	ppb
Tin	118-1	3.24	3.34	3.39	3.32	2.40	ppb
Titanium	47-1	348.14	354.97	356.47	353.20	1.26	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-12	Instrumnet Name :	P7
Client Sample ID :	MYCZA0	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:34:57	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.00	1.00	1.00	0.03	ppb
Vanadium	51-2	123.46	122.55	124.09	123.37	0.63	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	263.55	261.15	264.46	263.05	0.65	ppb
Zirconium	90-1	20.97	21.67	21.45	21.36	1.66	ppb
Zirconium	91-1	21.53	21.73	21.60	21.62	0.46	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-13	Instrumnet Name :	P7
Client Sample ID :	MYCZA1	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:38:00	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28904.11	28718.74	28820.33	28814.39	0.32	ppb
Antimony	121-1	0.28	0.30	0.29	0.29	3.69	ppb
Arsenic	75-2	54.46	53.50	55.10	54.36	1.48	ppb
Barium	135-1	174.75	179.98	177.43	177.39	1.47	ppb
Barium	137-1	177.74	182.56	178.66	179.65	1.42	ppb
Beryllium	9-1	0.63	0.69	0.70	0.67	5.40	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.98	1.35	1.45	1.26	19.71	ppb
Cadmium	106-1	1.00	1.53	0.93	1.15	28.62	ppb
Cadmium	111-1	0.70	0.74	0.70	0.72	3.16	ppb
Calcium	43-1	24501.33	24947.09	24516.28	24654.90	1.03	ppb
Calcium	44-1	23711.79	23946.10	23761.27	23806.39	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.74	65.52	65.66	65.64	0.17	ppb
Cobalt	59-2	48.55	48.71	48.55	48.60	0.19	ppb
Copper	63-2	149.20	148.51	149.51	149.07	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	77266.85	76752.33	76772.51	76930.56	0.38	ppb
Iron	57-2	75498.55	75342.51	75601.98	75481.02	0.17	ppb
Iron	54-2	77190.57	76620.68	77124.61	76978.62	0.40	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-13	Instrumnet Name :	P7
Client Sample ID :	MYCZA1	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:38:00	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.81	39.42	39.80	39.68	0.55	ppb
Lead	207-1	38.73	38.38	38.19	38.43	0.71	ppb
Lead	208-1	38.49	37.97	38.01	38.16	0.75	ppb
Lithium	6-1				95		%
Magnesium	24-2	18975.94	19019.66	19208.05	19067.88	0.65	ppb
Manganese	55-2	1442.36	1442.83	1453.07	1446.09	0.42	ppb
Molybdenum	94-1	13.93	14.06	14.13	14.04	0.74	ppb
Molybdenum	95-1	0.84	0.82	0.82	0.83	1.43	ppb
Molybdenum	96-1	2.72	2.73	2.76	2.73	0.76	ppb
Molybdenum	97-1	0.81	0.83	0.84	0.82	1.88	ppb
Molybdenum	98-1	0.82	0.82	0.79	0.81	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.84	60.73	60.83	60.80	0.10	ppb
Phosphorus	31-2	1690.63	1705.64	1713.28	1703.18	0.68	ppb
Potassium	39-2	3839.06	3856.84	3867.32	3854.41	0.37	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	0.03	-0.40	-0.12	-0.16		ppb
Selenium	77-2	5.93	6.87	5.30	6.03	13.09	ppb
Selenium	78-2	-0.41	0.93	0.71	0.41	174.10	ppb
Silicon	28-1	57.97	54.96	54.40	55.77	3.44	ppb
Silver	107-1	0.18	0.20	0.19	0.19	3.32	ppb
Silver	109-1	0.18	0.18	0.19	0.18	1.24	ppb
Sodium	23-2	346.97	345.51	342.27	344.91	0.70	ppb
Strontium	86-1	1626.95	1631.74	1626.67	1628.45	0.17	ppb
Strontium	88-1	1650.20	1652.84	1666.06	1656.36	0.51	ppb
Sulfur	34-1	-1142.52	-1067.85	-1090.27	-1100.21		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.14	0.15	0.14	0.14	4.29	ppb
Thallium	205-1	0.14	0.14	0.15	0.14	3.24	ppb
Tin	118-1	0.59	0.63	0.61	0.61	3.24	ppb
Titanium	47-1	577.53	582.73	569.08	576.45	1.20	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-13	Instrumnet Name :	P7
Client Sample ID :	MYCZA1	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:38:00	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.73	0.73	0.74	2.00	ppb
Vanadium	51-2	147.43	147.39	147.73	147.52	0.13	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	203.78	203.53	203.26	203.52	0.13	ppb
Zirconium	90-1	7.39	7.49	7.45	7.44	0.70	ppb
Zirconium	91-1	7.34	7.35	7.62	7.44	2.16	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-14	Instrumnet Name :	P7
Client Sample ID :	MYCZA2	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:41:09	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77395.62	78246.45	77018.69	77553.59	0.81	ppb
Antimony	121-1	0.08	0.09	0.08	0.08	2.54	ppb
Arsenic	75-2	82.61	83.63	84.34	83.53	1.04	ppb
Barium	135-1	127.56	128.03	127.22	127.60	0.32	ppb
Barium	137-1	128.90	128.29	129.12	128.77	0.34	ppb
Beryllium	9-1	0.71	0.73	0.80	0.75	6.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	1.01	1.18	1.07	9.10	ppb
Cadmium	106-1	0.92	0.97	-0.02	0.62	89.19	ppb
Cadmium	111-1	0.62	0.63	0.56	0.60	5.56	ppb
Calcium	43-1	17490.23	17172.41	17563.05	17408.57	1.19	ppb
Calcium	44-1	16796.84	16585.64	16959.80	16780.76	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	209.85	209.92	212.06	210.61	0.60	ppb
Cobalt	59-2	176.05	178.36	177.98	177.46	0.70	ppb
Copper	63-2	470.32	469.12	469.26	469.57	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	194738.02	197782.64	197330.05	196616.90	0.84	ppb
Iron	57-2	192916.81	194487.91	195546.52	194317.08	0.68	ppb
Iron	54-2	197103.17	198360.40	199117.14	198193.57	0.51	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-14	Instrumnet Name :	P7
Client Sample ID :	MYCZA2	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:41:09	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.36	6.29	6.40	6.35	0.88	ppb
Lead	207-1	6.19	6.32	6.17	6.22	1.36	ppb
Lead	208-1	6.12	6.23	6.18	6.18	0.83	ppb
Lithium	6-1				95		%
Magnesium	24-2	56146.14	57051.51	55939.59	56379.08	1.05	ppb
Manganese	55-2	5683.93	5725.09	5746.06	5718.36	0.55	ppb
Molybdenum	94-1	4.49	4.38	4.37	4.42	1.44	ppb
Molybdenum	95-1	0.86	0.81	0.83	0.83	2.69	ppb
Molybdenum	96-1	2.45	2.47	2.49	2.47	0.79	ppb
Molybdenum	97-1	0.79	0.78	0.75	0.78	2.91	ppb
Molybdenum	98-1	0.72	0.73	0.72	0.72	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	178.69	181.69	178.57	179.65	0.98	ppb
Phosphorus	31-2	828.67	853.58	875.98	852.74	2.78	ppb
Potassium	39-2	1395.76	1396.53	1395.23	1395.84	0.05	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	-0.34	-0.20	-0.47	-0.33		ppb
Selenium	77-2	5.30	5.35	4.84	5.16	5.44	ppb
Selenium	78-2	-0.06	-0.16	-0.13	-0.12		ppb
Silicon	28-1	11.71	11.56	10.77	11.35	4.45	ppb
Silver	107-1	0.15	0.14	0.14	0.14	3.72	ppb
Silver	109-1	0.14	0.15	0.14	0.14	1.37	ppb
Sodium	23-2	276.11	279.20	278.93	278.08	0.62	ppb
Strontium	86-1	2231.90	2215.95	2239.46	2229.10	0.54	ppb
Strontium	88-1	2270.91	2276.09	2258.55	2268.52	0.40	ppb
Sulfur	34-1	-1684.95	-1661.28	-1567.55	-1637.93		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.14	0.17	0.15	8.42	ppb
Thallium	205-1	0.16	0.16	0.16	0.16	0.83	ppb
Tin	118-1	0.41	0.41	0.43	0.42	2.91	ppb
Titanium	47-1	2423.98	2363.85	2400.76	2396.20	1.27	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-14	Instrumnet Name :	P7
Client Sample ID :	MYCZA2	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:41:09	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.24	0.25	1.52	ppb
Vanadium	51-2	493.75	500.08	495.90	496.58	0.65	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	232.28	234.65	235.08	234.00	0.64	ppb
Zirconium	90-1	2.07	2.07	2.06	2.07	0.29	ppb
Zirconium	91-1	2.11	2.15	2.15	2.14	0.99	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:44:11	DataFile Name :	163CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48873.50	49115.87	48990.40	48993.25	0.25	ppb
Antimony	121-1	499.87	506.66	511.40	505.98	1.15	ppb
Arsenic	75-2	507.72	503.39	506.02	505.71	0.43	ppb
Barium	135-1	2547.31	2570.40	2606.20	2574.64	1.15	ppb
Barium	137-1	2555.19	2565.21	2631.94	2584.11	1.61	ppb
Beryllium	9-1	494.85	497.16	490.20	494.07	0.72	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.31	518.88	527.96	519.72	1.51	ppb
Cadmium	106-1	502.40	511.58	522.89	512.29	2.00	ppb
Cadmium	111-1	515.84	525.35	528.18	523.12	1.24	ppb
Calcium	43-1	247557.29	248029.78	249196.49	248261.19	0.34	ppb
Calcium	44-1	246781.46	248789.36	250483.96	248684.93	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.35	499.51	493.08	495.98	0.66	ppb
Cobalt	59-2	495.51	491.28	488.05	491.61	0.76	ppb
Copper	63-2	4760.89	4799.73	4723.83	4761.49	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	124614.46	124379.83	124521.00	124505.10	0.09	ppb
Iron	57-2	124797.78	123999.75	124227.87	124341.80	0.33	ppb
Iron	54-2	125365.85	125323.09	124325.10	125004.68	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:44:11	DataFile Name :	163CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2603.39	2664.70	2673.51	2647.20	1.44	ppb
Lead	207-1	2581.79	2637.34	2611.00	2610.04	1.06	ppb
Lead	208-1	2568.85	2622.52	2591.64	2594.34	1.04	ppb
Lithium	6-1				88		%
Magnesium	24-2	244017.86	244806.31	242814.18	243879.45	0.41	ppb
Manganese	55-2	4886.00	4883.07	4905.16	4891.41	0.25	ppb
Molybdenum	94-1	5037.85	5182.81	5103.45	5108.04	1.42	ppb
Molybdenum	95-1	4993.25	5170.85	5106.37	5090.15	1.77	ppb
Molybdenum	96-1	5010.31	5171.70	5092.70	5091.57	1.58	ppb
Molybdenum	97-1	5026.91	5181.23	5083.78	5097.30	1.53	ppb
Molybdenum	98-1	4994.73	5162.34	5084.11	5080.39	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.49	510.62	507.18	509.10	0.34	ppb
Phosphorus	31-2	9790.33	9740.03	9711.26	9747.21	0.41	ppb
Potassium	39-2	122268.13	122413.70	121286.19	121989.34	0.50	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	82-1	494.94	509.57	506.46	503.66	1.53	ppb
Selenium	77-2	492.70	471.55	488.33	484.19	2.31	ppb
Selenium	78-2	493.18	488.36	491.59	491.04	0.50	ppb
Silicon	28-1	505.60	514.98	512.21	510.93	0.94	ppb
Silver	107-1	510.24	519.92	524.73	518.30	1.42	ppb
Silver	109-1	513.20	521.44	527.97	520.87	1.42	ppb
Sodium	23-2	242487.33	243641.86	242755.20	242961.46	0.25	ppb
Strontium	86-1	12647.60	13150.24	13019.66	12939.16	2.02	ppb
Strontium	88-1	12655.59	13030.39	12845.59	12843.86	1.46	ppb
Sulfur	34-1	9224.92	9325.25	9418.27	9322.81	1.04	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	522.33	530.45	525.07	525.95	0.79	ppb
Thallium	205-1	519.58	536.33	527.63	527.85	1.59	ppb
Tin	118-1	505.32	516.26	516.45	512.68	1.24	ppb
Titanium	47-1	5007.40	5075.97	5148.42	5077.26	1.39	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:44:11	DataFile Name :	163CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	520.13	536.78	526.43	527.78	1.59	ppb
Vanadium	51-2	502.92	497.90	495.38	498.74	0.77	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%
Zinc	66-2	4964.67	4949.87	4905.53	4940.03	0.62	ppb
Zirconium	90-1	505.44	518.04	514.69	512.72	1.27	ppb
Zirconium	91-1	512.57	519.58	515.18	515.78	0.69	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:46:54	DataFile Name :	164CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.22	3.18	2.55	3.31	25.45	ppb
Antimony	121-1	0.31	0.25	0.22	0.26	15.98	ppb
Arsenic	75-2	0.03	0.04	0.04	0.04	9.25	ppb
Barium	135-1	0.65	0.54	0.41	0.53	22.25	ppb
Barium	137-1	0.67	0.53	0.44	0.55	21.58	ppb
Beryllium	9-1	0.17	0.14	0.14	0.15	12.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.22	0.09	0.12	0.14	46.40	ppb
Cadmium	106-1	-0.83	-0.08	-1.53	-0.81		ppb
Cadmium	111-1	0.07	0.11	-0.03	0.05	150.71	ppb
Calcium	43-1	69.46	52.27	40.43	54.06	27.00	ppb
Calcium	44-1	64.68	51.16	37.42	51.09	26.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.05	0.05	0.06	12.58	ppb
Cobalt	59-2	0.04	0.04	0.01	0.03	55.87	ppb
Copper	63-2	0.47	0.35	0.25	0.36	30.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	13.20	9.92	7.45	10.19	28.31	ppb
Iron	57-2	11.17	8.99	5.40	8.52	34.18	ppb
Iron	54-2	12.67	9.84	7.80	10.10	24.23	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:46:54	DataFile Name :	164CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.66	0.50	0.40	0.52	25.20	ppb
Lead	207-1	0.63	0.51	0.41	0.52	22.02	ppb
Lead	208-1	0.62	0.51	0.39	0.51	22.64	ppb
Lithium	6-1				91		%
Magnesium	24-2	20.79	15.43	10.81	15.68	31.87	ppb
Manganese	55-2	0.44	0.35	0.28	0.36	22.54	ppb
Molybdenum	94-1	1.46	1.16	0.93	1.18	22.54	ppb
Molybdenum	95-1	1.37	1.10	0.89	1.12	21.52	ppb
Molybdenum	96-1	1.40	1.13	0.88	1.14	22.83	ppb
Molybdenum	97-1	1.43	1.13	0.83	1.13	26.62	ppb
Molybdenum	98-1	1.41	1.14	0.88	1.14	23.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.00	0.02	73.46	ppb
Phosphorus	31-2	-23.06	-23.10	-24.18	-23.45		ppb
Potassium	39-2	12.88	9.49	7.81	10.06	25.66	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	-0.23	-0.36	-0.62	-0.40		ppb
Selenium	77-2	0.09	-0.04	0.09	0.04	161.08	ppb
Selenium	78-2	0.54	-1.08	-1.68	-0.74		ppb
Silicon	28-1	-2.80	-2.93	-3.02	-2.91		ppb
Silver	107-1	0.18	0.16	0.12	0.15	18.98	ppb
Silver	109-1	0.19	0.14	0.12	0.15	23.44	ppb
Sodium	23-2	18.49	11.98	7.88	12.78	41.85	ppb
Strontium	86-1	3.01	2.73	2.11	2.62	17.50	ppb
Strontium	88-1	3.43	2.77	2.16	2.79	22.72	ppb
Sulfur	34-1	-475.55	-517.48	-538.36	-510.46		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.14	0.12	0.08	0.11	24.72	ppb
Thallium	205-1	0.15	0.11	0.09	0.12	24.08	ppb
Tin	118-1	0.17	0.12	0.10	0.13	29.00	ppb
Titanium	47-1	1.35	1.14	0.84	1.11	22.86	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:46:54	DataFile Name :	164CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.10	0.08	0.10	22.03	ppb
Vanadium	51-2	0.05	0.04	0.02	0.04	31.82	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	0.71	0.52	0.40	0.54	29.16	ppb
Zirconium	90-1	0.16	0.13	0.11	0.13	18.06	ppb
Zirconium	91-1	0.17	0.15	0.10	0.14	25.11	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-15	Instrumnet Name :	P7
Client Sample ID :	MYCZA3	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:50:11	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37431.01	37944.12	37348.28	37574.47	0.86	ppb
Antimony	121-1	0.17	0.17	0.18	0.17	1.55	ppb
Arsenic	75-2	54.82	55.62	55.87	55.44	0.99	ppb
Barium	135-1	298.65	304.11	305.13	302.63	1.15	ppb
Barium	137-1	309.42	308.34	318.15	311.97	1.72	ppb
Beryllium	9-1	1.09	1.17	1.09	1.12	4.35	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.30	2.31	2.08	2.23	5.84	ppb
Cadmium	106-1	2.79	3.46	2.83	3.03	12.34	ppb
Cadmium	111-1	1.45	1.43	1.50	1.46	2.50	ppb
Calcium	43-1	20906.29	21184.25	21545.10	21211.88	1.51	ppb
Calcium	44-1	20375.49	20546.47	20826.71	20582.89	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.50	97.68	96.63	97.27	0.58	ppb
Cobalt	59-2	53.48	53.26	53.33	53.36	0.21	ppb
Copper	63-2	242.08	242.12	239.11	241.10	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	92664.90	93542.25	93560.89	93256.01	0.55	ppb
Iron	57-2	92245.94	92009.20	92314.85	92190.00	0.17	ppb
Iron	54-2	93856.69	93123.04	92437.60	93139.11	0.76	ppb
Krypton	83-1						cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-15	Instrumnet Name :	P7
Client Sample ID :	MYCZA3	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:50:11	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.55	55.23	56.49	55.76	1.18	ppb
Lead	207-1	53.62	53.84	54.35	53.94	0.69	ppb
Lead	208-1	53.36	53.72	54.16	53.74	0.75	ppb
Lithium	6-1				98		%
Magnesium	24-2	23145.19	23171.60	23104.22	23140.34	0.15	ppb
Manganese	55-2	1973.26	1975.35	1971.23	1973.28	0.10	ppb
Molybdenum	94-1	17.97	18.13	18.11	18.07	0.47	ppb
Molybdenum	95-1	0.77	0.73	0.76	0.75	2.42	ppb
Molybdenum	96-1	3.16	3.07	3.16	3.13	1.67	ppb
Molybdenum	97-1	0.75	0.75	0.79	0.76	2.59	ppb
Molybdenum	98-1	0.71	0.73	0.70	0.71	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.23	71.95	71.82	72.00	0.29	ppb
Phosphorus	31-2	2842.85	2815.07	2826.26	2828.06	0.49	ppb
Potassium	39-2	9732.60	9702.16	9572.28	9669.02	0.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.44	0.70	0.58	0.57	22.73	ppb
Selenium	77-2	11.80	12.73	12.27	12.27	3.79	ppb
Selenium	78-2	3.65	2.23	2.16	2.68	31.41	ppb
Silicon	28-1	41.84	42.91	42.67	42.47	1.32	ppb
Silver	107-1	0.39	0.39	0.40	0.39	1.75	ppb
Silver	109-1	0.39	0.38	0.40	0.39	2.94	ppb
Sodium	23-2	258.79	258.92	259.67	259.13	0.18	ppb
Strontium	86-1	1781.24	1793.15	1803.97	1792.79	0.63	ppb
Strontium	88-1	1816.92	1818.67	1841.29	1825.63	0.74	ppb
Sulfur	34-1	-784.15	-821.44	-787.43	-797.67		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.31	0.31	0.32	0.31	1.32	ppb
Thallium	205-1	0.30	0.30	0.31	0.30	2.25	ppb
Tin	118-1	0.41	0.42	0.43	0.42	2.54	ppb
Titanium	47-1	772.05	781.66	792.87	782.20	1.33	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-15	Instrumnet Name :	P7
Client Sample ID :	MYCZA3	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:50:11	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.90	0.90	0.90	0.87	ppb
Vanadium	51-2	192.16	192.05	192.45	192.22	0.11	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	236.92	236.95	238.46	237.44	0.37	ppb
Zirconium	90-1	9.58	9.65	9.72	9.65	0.77	ppb
Zirconium	91-1	9.81	9.72	9.69	9.74	0.66	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-16	Instrumnet Name :	P7
Client Sample ID :	MYCZA4	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:53:20	DataFile Name :	166SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37352.96	37570.80	37742.71	37555.49	0.52	ppb
Antimony	121-1	0.19	0.21	0.20	0.20	5.24	ppb
Arsenic	75-2	84.97	84.73	84.78	84.83	0.15	ppb
Barium	135-1	301.65	299.44	302.64	301.24	0.54	ppb
Barium	137-1	311.93	305.77	311.87	309.86	1.14	ppb
Beryllium	9-1	1.14	1.19	1.11	1.14	3.59	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.91	3.00	2.65	2.85	6.25	ppb
Cadmium	106-1	3.29	3.37	3.20	3.29	2.57	ppb
Cadmium	111-1	2.36	2.32	2.34	2.34	0.81	ppb
Calcium	43-1	23089.69	23299.47	23247.89	23212.35	0.47	ppb
Calcium	44-1	22274.02	22544.67	22420.76	22413.15	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.96	96.16	95.97	96.03	0.12	ppb
Cobalt	59-2	53.45	53.21	53.64	53.43	0.40	ppb
Copper	63-2	407.73	406.35	404.66	406.25	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	93130.16	93459.42	93236.05	93275.21	0.18	ppb
Iron	57-2	92785.76	91371.76	91698.39	91951.97	0.81	ppb
Iron	54-2	93417.18	93090.10	92994.96	93167.42	0.24	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-16	Instrumnet Name :	P7
Client Sample ID :	MYCZA4	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:53:20	DataFile Name :	166SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	87.39	88.16	86.60	87.38	0.89	ppb
Lead	207-1	84.85	85.25	85.05	85.05	0.23	ppb
Lead	208-1	86.67	86.62	86.21	86.50	0.29	ppb
Lithium	6-1				97		%
Magnesium	24-2	22614.84	22513.92	22720.41	22616.39	0.46	ppb
Manganese	55-2	1963.49	1963.75	1977.65	1968.30	0.41	ppb
Molybdenum	94-1	16.63	16.77	16.78	16.73	0.51	ppb
Molybdenum	95-1	0.70	0.72	0.73	0.72	1.84	ppb
Molybdenum	96-1	2.98	3.02	3.09	3.03	1.84	ppb
Molybdenum	97-1	0.71	0.71	0.71	0.71	0.52	ppb
Molybdenum	98-1	0.68	0.70	0.70	0.69	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.84	71.69	71.57	71.36	0.65	ppb
Phosphorus	31-2	2418.97	2413.07	2425.23	2419.09	0.25	ppb
Potassium	39-2	8351.14	8341.59	8260.20	8317.64	0.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.72	0.82	0.88	0.81	10.31	ppb
Selenium	77-2	13.14	10.82	12.71	12.22	10.11	ppb
Selenium	78-2	1.68	2.99	1.87	2.18	32.34	ppb
Silicon	28-1	29.77	30.33	30.07	30.06	0.93	ppb
Silver	107-1	0.71	0.72	0.73	0.72	1.90	ppb
Silver	109-1	0.72	0.71	0.72	0.72	1.10	ppb
Sodium	23-2	257.06	256.53	254.18	255.92	0.60	ppb
Strontium	86-1	1944.68	1981.99	1997.01	1974.56	1.36	ppb
Strontium	88-1	1943.26	1994.35	2000.77	1979.46	1.59	ppb
Sulfur	34-1	-1075.98	-1014.95	-1006.23	-1032.39		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.31	0.31	0.33	0.32	3.95	ppb
Thallium	205-1	0.32	0.33	0.33	0.33	1.04	ppb
Tin	118-1	0.46	0.50	0.44	0.47	5.61	ppb
Titanium	47-1	852.39	850.79	852.33	851.83	0.11	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-16	Instrumnet Name :	P7
Client Sample ID :	MYCZA4	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:53:20	DataFile Name :	166SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.03	1.03	1.03	0.24	ppb
Vanadium	51-2	189.43	187.81	188.62	188.62	0.43	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	287.94	290.75	291.07	289.92	0.59	ppb
Zirconium	90-1	8.81	9.02	9.08	8.97	1.56	ppb
Zirconium	91-1	8.86	8.97	9.25	9.03	2.20	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-17	Instrumnet Name :	P7
Client Sample ID :	MYCZA5	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:56:23	DataFile Name :	167SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39836.76	39974.75	39998.59	39936.70	0.22	ppb
Antimony	121-1	0.11	0.09	0.08	0.09	11.02	ppb
Arsenic	75-2	56.26	55.92	56.75	56.31	0.74	ppb
Barium	135-1	221.84	224.30	222.68	222.94	0.56	ppb
Barium	137-1	226.02	228.42	228.63	227.69	0.64	ppb
Beryllium	9-1	0.97	0.93	0.89	0.93	4.22	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.30	1.42	1.51	1.41	7.36	ppb
Cadmium	106-1	2.27	1.64	1.56	1.82	21.27	ppb
Cadmium	111-1	1.13	1.10	1.01	1.08	5.60	ppb
Calcium	43-1	19855.85	20265.85	20256.94	20126.21	1.16	ppb
Calcium	44-1	19323.39	19519.82	19602.53	19481.91	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114.18	114.93	115.34	114.81	0.51	ppb
Cobalt	59-2	59.79	59.56	59.83	59.73	0.25	ppb
Copper	63-2	238.74	243.32	240.66	240.91	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	97873.32	99070.14	98973.63	98639.03	0.67	ppb
Iron	57-2	96295.16	97094.53	96892.76	96760.82	0.43	ppb
Iron	54-2	97472.26	98449.50	98284.67	98068.81	0.53	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-17	Instrumnet Name :	P7
Client Sample ID :	MYCZA5	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:56:23	DataFile Name :	167SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.88	39.74	40.21	39.61	1.71	ppb
Lead	207-1	37.50	38.40	39.03	38.31	2.01	ppb
Lead	208-1	37.16	38.17	38.38	37.91	1.72	ppb
Lithium	6-1				98		%
Magnesium	24-2	26577.35	26977.01	26970.06	26841.47	0.85	ppb
Manganese	55-2	2006.52	2034.41	2016.85	2019.26	0.70	ppb
Molybdenum	94-1	12.09	12.32	12.03	12.15	1.23	ppb
Molybdenum	95-1	0.58	0.60	0.59	0.59	1.72	ppb
Molybdenum	96-1	2.42	2.44	2.43	2.43	0.52	ppb
Molybdenum	97-1	0.57	0.57	0.57	0.57	0.84	ppb
Molybdenum	98-1	0.54	0.56	0.55	0.55	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.52	79.22	79.93	79.56	0.44	ppb
Phosphorus	31-2	1927.74	1964.77	1977.36	1956.62	1.32	ppb
Potassium	39-2	5849.34	5923.92	5982.76	5918.67	1.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	0.40	-0.19	0.31	0.17	182.99	ppb
Selenium	77-2	10.24	9.75	12.01	10.67	11.14	ppb
Selenium	78-2	0.84	1.32	0.54	0.90	43.74	ppb
Silicon	28-1	22.59	18.71	19.22	20.17	10.45	ppb
Silver	107-1	0.33	0.33	0.34	0.33	1.31	ppb
Silver	109-1	0.33	0.33	0.33	0.33	0.82	ppb
Sodium	23-2	208.98	206.85	208.50	208.11	0.54	ppb
Strontium	86-1	1550.24	1567.17	1568.02	1561.81	0.64	ppb
Strontium	88-1	1590.83	1607.09	1585.42	1594.45	0.71	ppb
Sulfur	34-1	-1356.24	-1287.79	-1269.22	-1304.42		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.24	0.25	0.25	0.25	3.52	ppb
Thallium	205-1	0.24	0.25	0.25	0.25	3.13	ppb
Tin	118-1	0.35	0.34	0.37	0.35	4.31	ppb
Titanium	47-1	862.37	896.61	901.46	886.81	2.40	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-17	Instrumnet Name :	P7
Client Sample ID :	MYCZA5	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:56:23	DataFile Name :	167SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.75	0.77	0.75	1.39	ppb
Vanadium	51-2	216.70	216.12	218.88	217.23	0.67	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	200.03	202.67	202.35	201.68	0.71	ppb
Zirconium	90-1	6.35	6.46	6.50	6.43	1.25	ppb
Zirconium	91-1	6.44	6.56	6.52	6.51	0.95	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-18	Instrumnet Name :	P7
Client Sample ID :	MYCZA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:59:30	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45444.89	46046.03	45974.30	45821.74	0.72	ppb
Antimony	121-1	0.14	0.15	0.13	0.14	6.39	ppb
Arsenic	75-2	72.59	72.13	71.44	72.05	0.80	ppb
Barium	135-1	270.00	272.39	273.56	271.98	0.67	ppb
Barium	137-1	280.47	283.20	281.30	281.66	0.50	ppb
Beryllium	9-1	1.15	1.15	1.20	1.17	2.15	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.80	1.99	1.83	1.87	5.60	ppb
Cadmium	106-1	2.29	2.34	2.35	2.33	1.29	ppb
Cadmium	111-1	1.40	1.45	1.47	1.44	2.55	ppb
Calcium	43-1	24755.16	24991.34	24638.71	24795.07	0.72	ppb
Calcium	44-1	24262.98	24598.12	24799.14	24553.42	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.22	126.91	127.32	126.82	0.44	ppb
Cobalt	59-2	74.99	75.13	75.40	75.18	0.28	ppb
Copper	63-2	319.34	319.91	322.13	320.46	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	112121.66	113000.28	112717.79	112613.24	0.40	ppb
Iron	57-2	110851.46	111745.23	111420.59	111339.10	0.41	ppb
Iron	54-2	112399.34	112865.69	113072.49	112779.18	0.31	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-18	Instrumnet Name :	P7
Client Sample ID :	MYCZA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:59:30	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.91	54.52	55.24	54.56	1.23	ppb
Lead	207-1	53.08	52.66	53.55	53.09	0.84	ppb
Lead	208-1	52.31	52.24	53.30	52.62	1.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	30299.61	30702.15	30673.57	30558.44	0.74	ppb
Manganese	55-2	2535.36	2557.87	2558.17	2550.47	0.51	ppb
Molybdenum	94-1	14.67	15.00	14.97	14.88	1.22	ppb
Molybdenum	95-1	0.70	0.70	0.71	0.70	0.98	ppb
Molybdenum	96-1	2.91	2.87	2.88	2.89	0.77	ppb
Molybdenum	97-1	0.70	0.67	0.68	0.69	2.17	ppb
Molybdenum	98-1	0.66	0.65	0.68	0.66	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.82	92.17	92.40	92.13	0.32	ppb
Phosphorus	31-2	2176.35	2217.26	2178.63	2190.75	1.05	ppb
Potassium	39-2	7300.25	7346.79	7361.38	7336.14	0.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	0.17	0.23	0.04	0.15	67.90	ppb
Selenium	77-2	12.01	13.08	10.24	11.78	12.21	ppb
Selenium	78-2	1.35	1.20	1.73	1.43	19.35	ppb
Silicon	28-1	21.76	17.46	12.91	17.38	25.46	ppb
Silver	107-1	0.48	0.49	0.48	0.48	0.45	ppb
Silver	109-1	0.47	0.48	0.48	0.48	1.00	ppb
Sodium	23-2	228.02	230.91	227.85	228.93	0.75	ppb
Strontium	86-1	1871.36	1865.02	1872.06	1869.48	0.21	ppb
Strontium	88-1	1872.24	1894.58	1895.58	1887.47	0.70	ppb
Sulfur	34-1	-1299.44	-1310.93	-1221.35	-1277.24		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.30	0.29	0.30	0.30	2.91	ppb
Thallium	205-1	0.29	0.29	0.30	0.29	1.52	ppb
Tin	118-1	0.52	0.52	0.52	0.52	0.65	ppb
Titanium	47-1	1000.54	1022.07	1003.61	1008.74	1.15	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-18	Instrumnet Name :	P7
Client Sample ID :	MYCZA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:59:30	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.86	0.88	0.86	1.20	ppb
Vanadium	51-2	243.54	245.69	245.22	244.82	0.46	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	238.37	241.08	241.88	240.44	0.77	ppb
Zirconium	90-1	7.84	7.90	7.89	7.87	0.37	ppb
Zirconium	91-1	7.86	8.01	7.95	7.94	0.92	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-19	Instrumnet Name :	P7
Client Sample ID :	MYCZA7	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 22:02:32	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63037.99	60484.98	61288.15	61603.71	2.12	ppb
Antimony	121-1	0.17	0.17	0.18	0.17	2.62	ppb
Arsenic	75-2	89.23	87.14	87.77	88.05	1.22	ppb
Barium	135-1	182.69	184.23	183.05	183.32	0.44	ppb
Barium	137-1	186.39	186.74	186.13	186.42	0.16	ppb
Beryllium	9-1	0.89	0.84	0.89	0.87	3.14	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.75	1.58	1.53	1.62	7.31	ppb
Cadmium	106-1	2.33	2.85	1.56	2.25	28.84	ppb
Cadmium	111-1	1.24	1.18	1.10	1.17	6.15	ppb
Calcium	43-1	37908.28	37093.33	37804.85	37602.15	1.18	ppb
Calcium	44-1	37099.31	37211.13	37293.25	37201.23	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	206.45	190.69	199.11	198.75	3.97	ppb
Cobalt	59-2	111.40	106.90	107.98	108.76	2.16	ppb
Copper	63-2	416.40	392.89	402.27	403.85	2.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	155450.67	149462.65	150292.14	151735.15	2.14	ppb
Iron	57-2	152678.51	147437.07	148676.59	149597.39	1.83	ppb
Iron	54-2	155803.55	149381.31	150898.65	152027.84	2.21	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-19	Instrumnet Name :	P7
Client Sample ID :	MYCZA7	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 22:02:32	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.87	39.41	39.45	39.24	0.84	ppb
Lead	207-1	38.01	38.06	37.99	38.02	0.10	ppb
Lead	208-1	37.52	37.85	37.88	37.75	0.52	ppb
Lithium	6-1				98		%
Magnesium	24-2	48370.18	46047.67	46559.00	46992.28	2.60	ppb
Manganese	55-2	3616.59	3450.89	3491.67	3519.72	2.45	ppb
Molybdenum	94-1	12.12	12.03	11.99	12.04	0.56	ppb
Molybdenum	95-1	0.85	0.80	0.82	0.82	2.66	ppb
Molybdenum	96-1	2.99	2.91	2.95	2.95	1.50	ppb
Molybdenum	97-1	0.78	0.76	0.79	0.78	2.06	ppb
Molybdenum	98-1	0.73	0.73	0.73	0.73	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.97	134.75	137.73	138.15	2.62	ppb
Phosphorus	31-2	1736.10	1652.79	1670.65	1686.51	2.60	ppb
Potassium	39-2	4347.93	4191.55	4253.05	4264.18	1.85	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	0.43	-0.17	-0.07	0.06	515.57	ppb
Selenium	77-2	11.00	10.15	8.93	10.03	10.36	ppb
Selenium	78-2	1.54	0.65	1.98	1.39	48.91	ppb
Silicon	28-1	31.25	31.54	33.94	32.24	4.57	ppb
Silver	107-1	0.38	0.37	0.37	0.37	1.01	ppb
Silver	109-1	0.37	0.36	0.36	0.36	2.03	ppb
Sodium	23-2	172.50	163.86	164.31	166.89	2.92	ppb
Strontium	86-1	1801.06	1801.84	1810.64	1804.51	0.29	ppb
Strontium	88-1	1829.74	1816.47	1818.14	1821.45	0.40	ppb
Sulfur	34-1	-1308.84	-1287.27	-1268.79	-1288.30		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.21	0.22	0.23	0.22	4.47	ppb
Thallium	205-1	0.22	0.22	0.23	0.22	2.23	ppb
Tin	118-1	0.56	0.59	0.60	0.58	3.46	ppb
Titanium	47-1	1417.61	1434.71	1419.70	1424.01	0.66	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-19	Instrumnet Name :	P7
Client Sample ID :	MYCZA7	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 22:02:32	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.60	0.60	0.60	1.18	ppb
Vanadium	51-2	370.23	358.46	362.83	363.84	1.64	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	239.14	229.63	233.41	234.06	2.05	ppb
Zirconium	90-1	6.28	6.28	6.22	6.26	0.54	ppb
Zirconium	91-1	6.31	6.20	6.31	6.27	1.00	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:13:27	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8785.28	8849.20	8592.67	8742.38	1.53	ppb
Antimony	121-1	0.18	0.17	0.20	0.19	8.82	ppb
Arsenic	75-2	18.43	18.68	18.90	18.67	1.27	ppb
Barium	135-1	125.19	127.41	130.32	127.64	2.01	ppb
Barium	137-1	126.20	129.11	130.94	128.75	1.85	ppb
Beryllium	9-1	0.39	0.46	0.43	0.43	8.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.69	0.88	0.68	0.75	15.38	ppb
Cadmium	106-1	-1.50	-0.86	-1.03	-1.13		ppb
Cadmium	111-1	0.42	0.49	0.48	0.46	8.72	ppb
Calcium	43-1	6042.44	6106.70	6181.56	6110.23	1.14	ppb
Calcium	44-1	5837.84	5896.27	5949.90	5894.67	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.60	15.39	15.60	15.53	0.77	ppb
Cobalt	59-2	8.58	8.50	8.52	8.53	0.51	ppb
Copper	63-2	57.10	56.55	57.30	56.99	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	19120.70	18833.63	18957.11	18970.48	0.76	ppb
Iron	57-2	18752.00	18716.09	18698.03	18722.04	0.15	ppb
Iron	54-2	19013.37	18999.79	19112.98	19042.05	0.32	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:13:27	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.08	54.18	53.23	53.50	1.11	ppb
Lead	207-1	53.03	53.37	53.22	53.21	0.32	ppb
Lead	208-1	52.54	52.68	52.74	52.65	0.20	ppb
Lithium	6-1				91		%
Magnesium	24-2	4399.64	4387.91	4401.51	4396.35	0.17	ppb
Manganese	55-2	454.07	445.24	449.77	449.69	0.98	ppb
Molybdenum	94-1	5.79	5.77	5.91	5.82	1.35	ppb
Molybdenum	95-1	0.17	0.18	0.19	0.18	5.08	ppb
Molybdenum	96-1	0.91	0.93	0.91	0.92	0.78	ppb
Molybdenum	97-1	0.16	0.16	0.18	0.17	6.54	ppb
Molybdenum	98-1	0.17	0.18	0.17	0.18	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.73	18.41	18.57	18.57	0.87	ppb
Phosphorus	31-2	701.18	688.63	706.91	698.91	1.34	ppb
Potassium	39-2	2962.87	2939.87	2921.81	2941.52	0.70	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	-0.03	-0.19	-0.46	-0.23		ppb
Selenium	77-2	3.21	3.43	4.19	3.61	14.25	ppb
Selenium	78-2	0.81	-0.05	0.94	0.57	94.59	ppb
Silicon	28-1	38.69	38.67	39.81	39.06	1.67	ppb
Silver	107-1	0.18	0.19	0.20	0.19	3.45	ppb
Silver	109-1	0.19	0.18	0.19	0.19	3.17	ppb
Sodium	23-2	25.47	24.11	25.37	24.98	3.03	ppb
Strontium	86-1	792.13	802.99	810.93	802.02	1.18	ppb
Strontium	88-1	821.05	804.77	824.91	816.91	1.31	ppb
Sulfur	34-1	-848.03	-928.44	-926.91	-901.13		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.10	0.10	0.10	7.91	ppb
Thallium	205-1	0.08	0.09	0.10	0.09	9.94	ppb
Tin	118-1	9.40	9.73	9.81	9.64	2.27	ppb
Titanium	47-1	111.49	111.85	112.93	112.09	0.67	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:13:27	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.22	0.22	0.22	1.02	ppb
Vanadium	51-2	29.29	28.92	28.83	29.01	0.83	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	150.97	149.52	149.67	150.05	0.53	ppb
Zirconium	90-1	3.08	3.13	3.18	3.13	1.48	ppb
Zirconium	91-1	3.17	3.18	3.21	3.18	0.60	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:16:35	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8714.82	8547.80	8686.46	8649.69	1.03	ppb
Antimony	121-1	0.16	0.16	0.16	0.16	0.60	ppb
Arsenic	75-2	18.03	18.73	18.42	18.39	1.89	ppb
Barium	135-1	125.09	125.60	126.27	125.65	0.47	ppb
Barium	137-1	125.88	125.78	127.61	126.43	0.82	ppb
Beryllium	9-1	0.44	0.44	0.43	0.44	2.18	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.65	0.75	0.71	6.97	ppb
Cadmium	106-1	-0.07	-0.22	-0.32	-0.20		ppb
Cadmium	111-1	0.50	0.53	0.49	0.50	4.23	ppb
Calcium	43-1	6073.81	6188.45	6053.08	6105.11	1.19	ppb
Calcium	44-1	5850.17	5880.70	5795.13	5842.00	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.05	15.20	15.14	15.13	0.48	ppb
Cobalt	59-2	8.53	8.50	8.56	8.53	0.33	ppb
Copper	63-2	53.28	52.96	53.45	53.23	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	18599.49	18854.51	18804.64	18752.88	0.72	ppb
Iron	57-2	18387.10	18411.96	18682.25	18493.77	0.89	ppb
Iron	54-2	18764.60	18873.57	19130.13	18922.76	0.99	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:16:35	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.38	50.75	51.35	50.83	0.96	ppb
Lead	207-1	50.37	50.60	51.06	50.68	0.69	ppb
Lead	208-1	49.78	49.57	50.44	49.93	0.91	ppb
Lithium	6-1				90		%
Magnesium	24-2	4396.91	4395.92	4383.73	4392.19	0.17	ppb
Manganese	55-2	441.13	449.92	444.66	445.24	0.99	ppb
Molybdenum	94-1	5.87	5.97	6.06	5.97	1.57	ppb
Molybdenum	95-1	0.16	0.17	0.19	0.18	8.79	ppb
Molybdenum	96-1	0.89	0.93	0.91	0.91	2.05	ppb
Molybdenum	97-1	0.17	0.18	0.17	0.17	3.48	ppb
Molybdenum	98-1	0.18	0.17	0.18	0.18	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.25	17.23	17.27	17.25	0.12	ppb
Phosphorus	31-2	673.53	692.20	698.08	687.93	1.86	ppb
Potassium	39-2	2881.67	2899.28	2908.72	2896.55	0.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.17	-0.37	-0.61	-0.38		ppb
Selenium	77-2	4.93	3.36	3.04	3.78	26.76	ppb
Selenium	78-2	0.59	0.75	0.44	0.59	26.58	ppb
Silicon	28-1	39.79	40.06	39.88	39.91	0.35	ppb
Silver	107-1	0.20	0.18	0.20	0.20	5.05	ppb
Silver	109-1	0.19	0.19	0.19	0.19	2.85	ppb
Sodium	23-2	24.60	23.83	24.08	24.17	1.63	ppb
Strontium	86-1	788.47	799.37	801.28	796.37	0.87	ppb
Strontium	88-1	802.05	814.81	798.33	805.06	1.07	ppb
Sulfur	34-1	-1004.27	-1018.41	-1083.65	-1035.44		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.09	0.09	0.11	0.10	11.80	ppb
Thallium	205-1	0.09	0.09	0.10	0.10	5.26	ppb
Tin	118-1	8.13	8.19	8.20	8.18	0.45	ppb
Titanium	47-1	109.38	109.62	109.62	109.54	0.12	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:16:35	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.21	0.21	0.43	ppb
Vanadium	51-2	28.33	28.27	28.64	28.42	0.70	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	142.77	143.66	144.58	143.67	0.63	ppb
Zirconium	90-1	3.19	3.25	3.22	3.22	0.93	ppb
Zirconium	91-1	3.27	3.23	3.23	3.25	0.63	ppb

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:19:44	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1705.55	1702.46	1690.64	1699.55	0.46	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	9.06	ppb
Arsenic	75-2	3.87	4.00	3.65	3.84	4.60	ppb
Barium	135-1	25.89	25.39	25.60	25.63	0.98	ppb
Barium	137-1	26.03	25.83	25.75	25.87	0.55	ppb
Beryllium	9-1	0.10	0.08	0.09	0.09	8.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.28	0.10	0.17	60.16	ppb
Cadmium	106-1	-1.46	-1.23	-1.16	-1.28		ppb
Cadmium	111-1	0.00	-0.01	0.01	0.00	352.53	ppb
Calcium	43-1	1230.03	1229.70	1241.72	1233.81	0.56	ppb
Calcium	44-1	1226.77	1229.46	1209.56	1221.93	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.90	3.00	2.92	2.94	1.73	ppb
Cobalt	59-2	1.70	1.71	1.71	1.71	0.52	ppb
Copper	63-2	11.46	11.55	11.34	11.45	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	3808.32	3781.64	3739.38	3776.44	0.92	ppb
Iron	57-2	3850.86	3871.51	3815.03	3845.80	0.74	ppb
Iron	54-2	3904.32	3928.37	3893.03	3908.57	0.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:19:44	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.62	10.75	10.45	10.61	1.41	ppb
Lead	207-1	10.62	10.61	10.30	10.51	1.75	ppb
Lead	208-1	10.51	10.58	10.34	10.48	1.17	ppb
Lithium	6-1				88		%
Magnesium	24-2	845.60	848.02	845.31	846.31	0.18	ppb
Manganese	55-2	89.63	89.50	88.65	89.26	0.59	ppb
Molybdenum	94-1	1.14	1.21	1.19	1.18	3.06	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.03	17.18	ppb
Molybdenum	96-1	0.17	0.17	0.18	0.17	4.94	ppb
Molybdenum	97-1	0.02	0.02	0.01	0.01	37.06	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	10.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.53	3.61	3.61	3.59	1.32	ppb
Phosphorus	31-2	120.52	120.58	104.72	115.27	7.93	ppb
Potassium	39-2	604.75	604.76	598.35	602.62	0.61	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	-0.37	-0.50	-0.40	-0.42		ppb
Selenium	77-2	0.80	1.39	0.80	1.00	34.40	ppb
Selenium	78-2	-0.66	-1.01	0.44	-0.41		ppb
Silicon	28-1	7.16	7.38	6.72	7.08	4.78	ppb
Silver	107-1	0.04	0.03	0.04	0.04	6.27	ppb
Silver	109-1	0.04	0.04	0.04	0.04	8.53	ppb
Sodium	23-2	1.11	0.52	0.57	0.73	45.03	ppb
Strontium	86-1	163.63	167.10	164.98	165.23	1.06	ppb
Strontium	88-1	165.65	167.49	166.34	166.49	0.56	ppb
Sulfur	34-1	-1412.98	-1395.36	-1481.57	-1429.97		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.04	0.02	0.03	36.17	ppb
Thallium	205-1	0.02	0.03	0.02	0.03	18.89	ppb
Tin	118-1	1.93	1.88	1.90	1.90	1.18	ppb
Titanium	47-1	22.63	22.69	22.27	22.53	1.00	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:19:44	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.05	0.04	0.04	6.61	ppb
Vanadium	51-2	5.84	5.83	5.72	5.79	1.18	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	29.26	29.53	29.82	29.54	0.96	ppb
Zirconium	90-1	0.64	0.64	0.65	0.64	1.01	ppb
Zirconium	91-1	0.69	0.63	0.63	0.65	5.27	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:22:58	DataFile Name :	173SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9110.87	9119.23	9055.29	9095.13	0.38	ppb
Antimony	121-1	19.79	20.72	20.47	20.33	2.35	ppb
Arsenic	75-2	26.36	26.58	26.70	26.55	0.64	ppb
Barium	135-1	521.92	552.45	539.30	537.89	2.85	ppb
Barium	137-1	529.95	551.47	536.27	539.23	2.05	ppb
Beryllium	9-1	10.02	10.95	10.62	10.53	4.49	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.12	10.40	9.70	10.07	3.48	ppb
Cadmium	106-1	8.78	8.60	8.43	8.60	2.07	ppb
Cadmium	111-1	10.41	10.93	10.87	10.74	2.67	ppb
Calcium	43-1	5998.88	6148.05	6198.43	6115.12	1.70	ppb
Calcium	44-1	5727.45	5932.65	5984.58	5881.56	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.34	55.73	55.24	55.44	0.46	ppb
Cobalt	59-2	108.10	108.54	108.20	108.28	0.21	ppb
Copper	63-2	103.04	102.92	102.96	102.97	0.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	19111.48	18943.89	19200.28	19085.22	0.68	ppb
Iron	57-2	18913.61	18873.30	18822.64	18869.85	0.24	ppb
Iron	54-2	19216.91	19174.80	18997.83	19129.85	0.61	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:22:58	DataFile Name :	173SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	54.80	57.72	57.75	56.76	2.99	ppb
Lead	207-1	54.65	57.02	57.02	56.23	2.43	ppb
Lead	208-1	54.15	56.60	56.59	55.78	2.53	ppb
Lithium	6-1				91		%
Magnesium	24-2	4370.00	4378.55	4365.96	4371.51	0.15	ppb
Manganese	55-2	550.89	552.41	539.78	547.69	1.26	ppb
Molybdenum	94-1	5.77	5.75	5.87	5.80	1.07	ppb
Molybdenum	95-1	0.19	0.20	0.20	0.20	4.71	ppb
Molybdenum	96-1	0.92	0.89	0.90	0.90	1.24	ppb
Molybdenum	97-1	0.18	0.18	0.18	0.18	1.89	ppb
Molybdenum	98-1	0.18	0.18	0.18	0.18	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.57	117.44	117.80	117.93	0.49	ppb
Phosphorus	31-2	714.23	685.68	714.40	704.77	2.35	ppb
Potassium	39-2	2929.42	2900.30	2895.16	2908.29	0.64	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	16.56	18.45	18.48	17.83	6.17	ppb
Selenium	77-2	22.40	20.67	19.73	20.93	6.47	ppb
Selenium	78-2	19.54	17.52	20.09	19.05	7.10	ppb
Silicon	28-1	37.83	39.12	39.95	38.97	2.75	ppb
Silver	107-1	9.65	10.21	10.16	10.00	3.11	ppb
Silver	109-1	9.74	10.23	10.20	10.06	2.69	ppb
Sodium	23-2	23.56	23.18	23.74	23.49	1.23	ppb
Strontium	86-1	786.76	811.84	810.81	803.14	1.77	ppb
Strontium	88-1	776.64	820.61	819.91	805.72	3.13	ppb
Sulfur	34-1	-1222.61	-1146.81	-1140.70	-1170.04		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	9.31	9.74	9.86	9.64	3.03	ppb
Thallium	205-1	9.36	9.75	9.75	9.62	2.36	ppb
Tin	118-1	9.06	9.57	9.27	9.30	2.75	ppb
Titanium	47-1	109.65	113.01	113.41	112.02	1.84	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:22:58	DataFile Name :	173SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.22	0.21	2.06	ppb
Vanadium	51-2	127.08	126.78	126.35	126.74	0.29	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	246.49	247.38	244.76	246.21	0.54	ppb
Zirconium	90-1	3.02	3.23	3.20	3.15	3.66	ppb
Zirconium	91-1	3.11	3.23	3.27	3.20	2.59	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:26:04	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9649.56	9824.12	9688.02	9720.57	0.94	ppb
Antimony	121-1	73.15	75.59	75.77	74.84	1.95	ppb
Arsenic	75-2	47.63	46.32	46.42	46.79	1.55	ppb
Barium	135-1	1606.48	1642.57	1655.52	1634.85	1.55	ppb
Barium	137-1	1612.85	1651.35	1662.19	1642.13	1.58	ppb
Beryllium	9-1	37.97	38.27	40.07	38.77	2.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.72	34.39	34.27	34.13	1.05	ppb
Cadmium	106-1	31.54	33.08	34.45	33.02	4.40	ppb
Cadmium	111-1	38.16	38.96	39.02	38.71	1.24	ppb
Calcium	43-1	5782.23	5967.07	5951.26	5900.19	1.74	ppb
Calcium	44-1	5568.09	5660.69	5655.15	5627.98	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165.38	165.42	166.11	165.64	0.25	ppb
Cobalt	59-2	388.63	391.80	390.33	390.25	0.41	ppb
Copper	63-2	233.63	232.91	236.77	234.44	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	19032.20	19102.13	18999.83	19044.72	0.27	ppb
Iron	57-2	18956.96	18933.65	18758.42	18883.01	0.57	ppb
Iron	54-2	19144.53	19287.67	19298.98	19243.72	0.45	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:26:04	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	63.87	65.96	65.47	65.10	1.68	ppb
Lead	207-1	62.93	64.59	64.63	64.05	1.51	ppb
Lead	208-1	62.95	65.61	64.34	64.30	2.07	ppb
Lithium	6-1				90		%
Magnesium	24-2	4203.85	4184.25	4217.73	4201.94	0.40	ppb
Manganese	55-2	792.16	799.53	796.57	796.09	0.47	ppb
Molybdenum	94-1	5.59	5.75	5.69	5.67	1.40	ppb
Molybdenum	95-1	0.22	0.22	0.22	0.22	1.85	ppb
Molybdenum	96-1	0.90	0.94	0.94	0.92	2.53	ppb
Molybdenum	97-1	0.20	0.20	0.20	0.20	0.93	ppb
Molybdenum	98-1	0.20	0.20	0.20	0.20	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	391.94	393.70	392.68	392.77	0.22	ppb
Phosphorus	31-2	692.44	688.28	684.36	688.36	0.59	ppb
Potassium	39-2	2837.04	2801.48	2821.80	2820.11	0.63	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	78.60	81.64	82.50	80.91	2.54	ppb
Selenium	77-2	82.78	81.32	83.58	82.56	1.39	ppb
Selenium	78-2	84.53	76.31	80.48	80.44	5.11	ppb
Silicon	28-1	36.64	38.22	37.89	37.58	2.23	ppb
Silver	107-1	34.08	35.20	35.48	34.92	2.13	ppb
Silver	109-1	34.14	35.23	35.42	34.93	1.97	ppb
Sodium	23-2	22.16	22.46	22.84	22.49	1.51	ppb
Strontium	86-1	764.04	780.27	773.92	772.74	1.06	ppb
Strontium	88-1	763.80	790.29	783.01	779.04	1.76	ppb
Sulfur	34-1	-1252.39	-1172.56	-1193.08	-1206.01		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	35.29	35.63	35.81	35.58	0.73	ppb
Thallium	205-1	35.09	35.50	36.02	35.54	1.30	ppb
Tin	118-1	8.48	8.79	8.84	8.70	2.26	ppb
Titanium	47-1	103.92	108.82	107.97	106.90	2.45	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:26:04	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.20	0.21	0.64	ppb
Vanadium	51-2	401.65	399.87	402.23	401.25	0.31	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	514.84	512.70	511.62	513.06	0.32	ppb
Zirconium	90-1	2.98	3.14	3.08	3.07	2.52	ppb
Zirconium	91-1	3.01	3.17	3.22	3.13	3.52	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:29:04	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7161.18	7291.26	7208.12	7220.19	0.91	ppb
Antimony	121-1	0.19	0.17	0.17	0.17	5.66	ppb
Arsenic	75-2	24.28	25.23	24.61	24.71	1.95	ppb
Barium	135-1	70.91	71.40	71.39	71.23	0.40	ppb
Barium	137-1	71.49	71.62	71.47	71.53	0.11	ppb
Beryllium	9-1	0.30	0.24	0.28	0.27	10.42	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.58	0.48	0.58	0.54	10.49	ppb
Cadmium	106-1	-0.92	-0.32	-1.33	-0.85		ppb
Cadmium	111-1	0.27	0.33	0.22	0.27	20.04	ppb
Calcium	43-1	2781.75	2847.71	2849.18	2826.21	1.36	ppb
Calcium	44-1	2710.23	2749.08	2801.37	2753.56	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.85	13.93	13.86	13.88	0.31	ppb
Cobalt	59-2	9.49	9.59	9.56	9.55	0.51	ppb
Copper	63-2	27.50	27.90	27.67	27.69	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	20912.90	21192.56	20993.46	21032.97	0.68	ppb
Iron	57-2	20615.05	20815.02	20622.89	20684.32	0.55	ppb
Iron	54-2	20849.17	21145.17	21006.60	21000.31	0.71	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:29:04	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.66	36.15	36.20	36.00	0.83	ppb
Lead	207-1	34.96	35.35	35.38	35.23	0.67	ppb
Lead	208-1	34.64	35.03	34.94	34.87	0.58	ppb
Lithium	6-1				91		%
Magnesium	24-2	3569.32	3599.39	3561.41	3576.71	0.56	ppb
Manganese	55-2	340.58	331.59	341.43	337.87	1.61	ppb
Molybdenum	94-1	4.05	4.09	4.16	4.10	1.39	ppb
Molybdenum	95-1	0.30	0.29	0.31	0.30	3.66	ppb
Molybdenum	96-1	0.81	0.85	0.87	0.84	3.43	ppb
Molybdenum	97-1	0.25	0.26	0.31	0.27	10.76	ppb
Molybdenum	98-1	0.27	0.29	0.29	0.28	5.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.60	10.51	10.54	10.55	0.45	ppb
Phosphorus	31-2	684.20	712.11	693.14	696.48	2.05	ppb
Potassium	39-2	2481.97	2477.07	2500.82	2486.62	0.50	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	-0.29	0.18	0.19	0.03	1005.54	ppb
Selenium	77-2	4.13	3.75	3.82	3.90	5.16	ppb
Selenium	78-2	1.12	0.50	0.41	0.68	56.87	ppb
Silicon	28-1	22.40	22.88	23.38	22.88	2.14	ppb
Silver	107-1	0.18	0.16	0.16	0.17	4.41	ppb
Silver	109-1	0.17	0.17	0.16	0.17	3.08	ppb
Sodium	23-2	41.18	41.80	42.07	41.68	1.09	ppb
Strontium	86-1	368.96	374.05	379.70	374.24	1.44	ppb
Strontium	88-1	365.89	378.99	377.71	374.20	1.93	ppb
Sulfur	34-1	-1331.55	-1316.27	-1314.14	-1320.65		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.09	0.09	0.09	1.94	ppb
Thallium	205-1	0.08	0.09	0.08	0.08	5.34	ppb
Tin	118-1	0.38	0.36	0.35	0.36	4.55	ppb
Titanium	47-1	214.09	218.51	219.25	217.29	1.28	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:29:04	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.25	0.24	2.15	ppb
Vanadium	51-2	33.99	34.23	33.84	34.02	0.58	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	97.71	96.87	97.94	97.51	0.58	ppb
Zirconium	90-1	2.11	2.15	2.18	2.15	1.57	ppb
Zirconium	91-1	2.12	2.18	2.12	2.14	1.78	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:32:14	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7431.85	7448.06	7460.50	7446.80	0.19	ppb
Antimony	121-1	0.14	0.17	0.14	0.15	10.33	ppb
Arsenic	75-2	24.34	24.12	23.65	24.03	1.47	ppb
Barium	135-1	71.75	82.54	71.38	75.22	8.42	ppb
Barium	137-1	72.17	83.71	71.50	75.79	9.05	ppb
Beryllium	9-1	0.27	0.33	0.25	0.29	14.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	0.62	0.46	0.56	15.90	ppb
Cadmium	106-1	-0.20	0.31	-0.93	-0.27		ppb
Cadmium	111-1	0.31	0.42	0.26	0.33	25.24	ppb
Calcium	43-1	2839.70	3344.55	2898.62	3027.62	9.12	ppb
Calcium	44-1	2698.36	3204.01	2767.50	2889.95	9.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.30	14.48	14.65	14.48	1.21	ppb
Cobalt	59-2	9.43	9.42	9.44	9.43	0.11	ppb
Copper	63-2	28.35	28.80	28.52	28.56	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	21665.39	21773.57	21576.67	21671.88	0.46	ppb
Iron	57-2	21169.45	21288.33	21108.41	21188.73	0.43	ppb
Iron	54-2	21628.77	21609.69	21536.71	21591.72	0.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:32:14	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.25	40.28	34.92	36.81	8.17	ppb
Lead	207-1	34.65	39.35	34.23	36.08	7.88	ppb
Lead	208-1	34.37	39.03	34.06	35.82	7.78	ppb
Lithium	6-1				88		%
Magnesium	24-2	3728.37	3705.16	3680.74	3704.76	0.64	ppb
Manganese	55-2	345.39	351.13	350.54	349.02	0.90	ppb
Molybdenum	94-1	4.08	4.79	4.23	4.37	8.52	ppb
Molybdenum	95-1	0.27	0.36	0.27	0.30	16.72	ppb
Molybdenum	96-1	0.82	0.93	0.82	0.86	7.49	ppb
Molybdenum	97-1	0.27	0.36	0.29	0.31	14.81	ppb
Molybdenum	98-1	0.28	0.33	0.28	0.30	9.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.92	11.07	10.77	10.92	1.39	ppb
Phosphorus	31-2	692.07	649.13	713.30	684.83	4.77	ppb
Potassium	39-2	2526.72	2542.41	2490.95	2520.03	1.05	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	-0.18	-0.25	-0.10	-0.18		ppb
Selenium	77-2	3.81	2.65	3.70	3.38	18.89	ppb
Selenium	78-2	0.25	-0.65	0.55	0.05	1233.87	ppb
Silicon	28-1	22.20	27.48	23.18	24.29	11.56	ppb
Silver	107-1	0.15	0.16	0.13	0.14	8.71	ppb
Silver	109-1	0.14	0.15	0.14	0.14	3.60	ppb
Sodium	23-2	43.73	43.41	44.43	43.86	1.19	ppb
Strontium	86-1	377.83	431.46	375.91	395.07	7.98	ppb
Strontium	88-1	377.90	433.27	379.67	396.95	7.93	ppb
Sulfur	34-1	-1319.92	-900.34	-1332.71	-1184.32		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.09	0.07	0.08	11.98	ppb
Thallium	205-1	0.08	0.09	0.08	0.08	4.94	ppb
Tin	118-1	0.64	0.80	0.65	0.70	13.03	ppb
Titanium	47-1	226.50	264.33	229.08	239.97	8.81	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:32:14	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.29	0.24	0.26	10.22	ppb
Vanadium	51-2	35.14	35.35	35.05	35.18	0.43	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	98.31	98.55	99.45	98.77	0.61	ppb
Zirconium	90-1	2.15	2.52	2.17	2.28	9.16	ppb
Zirconium	91-1	2.18	2.48	2.20	2.29	7.24	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:35:22	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1387.76	1390.71	1373.68	1384.05	0.66	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.23	ppb
Arsenic	75-2	4.96	4.69	5.02	4.89	3.55	ppb
Barium	135-1	13.52	13.97	14.02	13.84	1.96	ppb
Barium	137-1	13.76	14.46	14.15	14.12	2.47	ppb
Beryllium	9-1	0.05	0.04	0.06	0.05	18.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.06	0.09	0.08	22.28	ppb
Cadmium	106-1	-0.91	-1.10	-1.56	-1.19		ppb
Cadmium	111-1	0.00	-0.03	-0.07	-0.03		ppb
Calcium	43-1	540.38	562.12	566.63	556.38	2.52	ppb
Calcium	44-1	541.27	560.56	558.05	553.30	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.63	2.60	2.60	2.61	0.52	ppb
Cobalt	59-2	1.88	1.81	1.84	1.84	2.09	ppb
Copper	63-2	5.44	5.32	5.40	5.38	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	4130.58	4113.82	4146.41	4130.27	0.39	ppb
Iron	57-2	4219.21	4218.28	4163.77	4200.42	0.76	ppb
Iron	54-2	4204.44	4180.72	4100.10	4161.75	1.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:35:22	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.99	6.96	7.04	7.00	0.57	ppb
Lead	207-1	6.91	6.65	6.88	6.81	2.06	ppb
Lead	208-1	6.72	6.71	6.70	6.71	0.14	ppb
Lithium	6-1				92		%
Magnesium	24-2	686.64	686.34	677.08	683.35	0.80	ppb
Manganese	55-2	66.20	66.56	65.92	66.23	0.49	ppb
Molybdenum	94-1	0.77	0.82	0.79	0.79	2.81	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	8.04	ppb
Molybdenum	96-1	0.13	0.14	0.15	0.14	7.68	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.03	19.14	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	15.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	1.97	1.97	1.96	1.21	ppb
Phosphorus	31-2	121.36	119.78	110.73	117.29	4.89	ppb
Potassium	39-2	500.28	500.10	495.23	498.54	0.57	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.13	-0.53	-0.68	-0.44		ppb
Selenium	77-2	1.03	0.79	0.55	0.79	30.18	ppb
Selenium	78-2	0.30	-0.68	-0.12	-0.17		ppb
Silicon	28-1	3.70	3.74	3.78	3.74	0.98	ppb
Silver	107-1	0.03	0.03	0.03	0.03	5.52	ppb
Silver	109-1	0.02	0.03	0.03	0.03	18.47	ppb
Sodium	23-2	4.54	4.67	3.68	4.29	12.55	ppb
Strontium	86-1	74.58	75.83	74.07	74.83	1.21	ppb
Strontium	88-1	73.31	75.20	75.64	74.71	1.66	ppb
Sulfur	34-1	-1426.87	-1359.16	-1346.19	-1377.41		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.02	0.02	29.24	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.66	ppb
Tin	118-1	0.04	0.05	0.05	0.04	14.14	ppb
Titanium	47-1	42.90	43.05	43.62	43.19	0.87	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:35:22	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.05	0.04	0.04	2.85	ppb
Vanadium	51-2	6.63	6.60	6.58	6.60	0.42	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	19.43	18.56	18.49	18.82	2.77	ppb
Zirconium	90-1	0.42	0.42	0.40	0.41	2.24	ppb
Zirconium	91-1	0.40	0.41	0.42	0.41	1.95	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:38:38	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7531.69	7569.69	7537.59	7546.32	0.27	ppb
Antimony	121-1	21.59	21.77	21.42	21.60	0.82	ppb
Arsenic	75-2	32.61	32.25	32.37	32.41	0.56	ppb
Barium	135-1	525.95	532.46	526.19	528.20	0.70	ppb
Barium	137-1	533.15	531.42	532.10	532.22	0.16	ppb
Beryllium	9-1	11.31	12.06	11.88	11.75	3.30	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.28	10.15	10.78	10.40	3.23	ppb
Cadmium	106-1	9.09	8.64	9.12	8.95	2.99	ppb
Cadmium	111-1	11.36	11.28	11.45	11.36	0.76	ppb
Calcium	43-1	2760.25	2873.31	2818.82	2817.46	2.01	ppb
Calcium	44-1	2670.76	2747.34	2705.01	2707.70	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.58	58.60	58.61	58.60	0.02	ppb
Cobalt	59-2	120.90	122.11	120.03	121.01	0.86	ppb
Copper	63-2	80.65	81.33	79.98	80.65	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	21026.23	21275.02	20928.86	21076.70	0.85	ppb
Iron	57-2	20606.55	20760.41	20580.25	20649.07	0.47	ppb
Iron	54-2	21212.93	21204.97	21075.65	21164.52	0.36	ppb
Krypton	83-1						cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:38:38	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.38	39.73	40.40	39.84	1.30	ppb
Lead	207-1	38.57	38.74	39.39	38.90	1.11	ppb
Lead	208-1	38.37	38.47	38.96	38.60	0.82	ppb
Lithium	6-1				91		%
Magnesium	24-2	3539.34	3582.78	3549.60	3557.24	0.64	ppb
Manganese	55-2	441.18	455.82	446.63	447.88	1.65	ppb
Molybdenum	94-1	4.00	4.08	4.05	4.04	1.12	ppb
Molybdenum	95-1	0.28	0.30	0.29	0.29	3.61	ppb
Molybdenum	96-1	0.79	0.85	0.83	0.82	3.29	ppb
Molybdenum	97-1	0.28	0.30	0.27	0.28	4.31	ppb
Molybdenum	98-1	0.29	0.28	0.28	0.28	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	121.82	123.18	121.66	122.22	0.69	ppb
Phosphorus	31-2	671.13	662.16	694.65	675.98	2.48	ppb
Potassium	39-2	2407.98	2438.45	2431.90	2426.11	0.66	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	20.71	20.38	20.25	20.45	1.16	ppb
Selenium	77-2	25.45	23.38	19.61	22.81	12.98	ppb
Selenium	78-2	22.44	20.77	20.48	21.23	4.98	ppb
Silicon	28-1	21.84	23.35	22.66	22.62	3.33	ppb
Silver	107-1	11.29	11.37	11.44	11.37	0.66	ppb
Silver	109-1	11.18	11.41	11.35	11.31	1.07	ppb
Sodium	23-2	39.47	42.25	42.28	41.33	3.90	ppb
Strontium	86-1	372.73	366.98	371.66	370.46	0.82	ppb
Strontium	88-1	367.36	371.40	366.72	368.49	0.69	ppb
Sulfur	34-1	-1299.33	-1216.55	-1321.80	-1279.23		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	10.28	10.43	10.54	10.42	1.24	ppb
Thallium	205-1	10.34	10.36	10.45	10.38	0.55	ppb
Tin	118-1	0.41	0.36	0.44	0.40	10.18	ppb
Titanium	47-1	212.48	219.44	216.89	216.27	1.63	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:38:38	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.24	0.25	1.23	ppb
Vanadium	51-2	142.33	143.62	142.31	142.76	0.53	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	207.92	209.80	207.46	208.39	0.60	ppb
Zirconium	90-1	2.11	3.01	2.11	2.41	21.40	ppb
Zirconium	91-1	2.06	2.09	2.09	2.08	0.82	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:41:43	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8434.12	8412.51	8507.83	8451.49	0.59	ppb
Antimony	121-1	81.56	82.57	83.18	82.44	0.99	ppb
Arsenic	75-2	55.60	55.53	56.18	55.77	0.64	ppb
Barium	135-1	1729.20	1733.72	1721.96	1728.29	0.34	ppb
Barium	137-1	1734.72	1744.51	1761.98	1747.07	0.79	ppb
Beryllium	9-1	41.65	43.33	42.47	42.48	1.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	38.71	37.73	38.77	38.40	1.53	ppb
Cadmium	106-1	36.20	36.98	35.83	36.34	1.62	ppb
Cadmium	111-1	42.14	43.12	42.79	42.68	1.17	ppb
Calcium	43-1	2685.30	2773.29	2745.72	2734.77	1.65	ppb
Calcium	44-1	2633.87	2633.02	2625.70	2630.86	0.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	181.83	180.84	180.02	180.90	0.50	ppb
Cobalt	59-2	437.23	427.75	432.86	432.61	1.10	ppb
Copper	63-2	229.09	223.97	227.11	226.72	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	21445.01	21310.12	21455.42	21403.52	0.38	ppb
Iron	57-2	21378.50	20563.34	21357.42	21099.76	2.20	ppb
Iron	54-2	21797.84	21342.58	21356.37	21498.93	1.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:41:43	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.21	51.02	51.04	51.09	0.20	ppb
Lead	207-1	48.56	48.88	48.83	48.76	0.34	ppb
Lead	208-1	48.69	48.96	48.83	48.83	0.28	ppb
Lithium	6-1				91		%
Magnesium	24-2	3484.43	3473.37	3563.39	3507.06	1.40	ppb
Manganese	55-2	739.24	725.80	737.75	734.26	1.00	ppb
Molybdenum	94-1	3.87	4.01	4.02	3.97	2.15	ppb
Molybdenum	95-1	0.28	0.28	0.29	0.28	1.72	ppb
Molybdenum	96-1	0.81	0.81	0.81	0.81	0.37	ppb
Molybdenum	97-1	0.28	0.29	0.29	0.29	1.53	ppb
Molybdenum	98-1	0.31	0.29	0.29	0.30	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	427.26	424.67	427.66	426.53	0.38	ppb
Phosphorus	31-2	680.56	651.51	640.63	657.57	3.14	ppb
Potassium	39-2	2397.02	2386.08	2356.42	2379.84	0.88	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	89.11	89.17	89.95	89.41	0.53	ppb
Selenium	77-2	90.98	85.63	88.91	88.51	3.05	ppb
Selenium	78-2	87.01	90.85	90.39	89.42	2.35	ppb
Silicon	28-1	21.78	22.76	23.86	22.80	4.56	ppb
Silver	107-1	37.52	38.47	38.40	38.13	1.39	ppb
Silver	109-1	37.85	38.54	38.74	38.38	1.21	ppb
Sodium	23-2	40.94	38.75	40.85	40.18	3.09	ppb
Strontium	86-1	355.83	363.75	356.06	358.55	1.26	ppb
Strontium	88-1	358.40	362.33	363.20	361.31	0.71	ppb
Sulfur	34-1	-1302.58	-1258.85	-1309.84	-1290.42		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	39.85	39.48	39.95	39.76	0.61	ppb
Thallium	205-1	39.39	38.80	39.37	39.19	0.86	ppb
Tin	118-1	0.32	0.43	0.35	0.36	14.92	ppb
Titanium	47-1	207.94	210.79	210.87	209.87	0.80	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:41:43	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.24	0.23	0.23	1.36	ppb
Vanadium	51-2	444.64	436.85	449.94	443.81	1.48	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	508.36	505.65	507.07	507.03	0.27	ppb
Zirconium	90-1	2.07	2.07	2.09	2.08	0.51	ppb
Zirconium	91-1	2.15	2.09	2.13	2.12	1.35	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:44:46	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8392.64	8429.64	8424.25	8415.51	0.24	ppb
Antimony	121-1	0.10	0.11	0.11	0.11	3.37	ppb
Arsenic	75-2	16.26	16.55	16.76	16.52	1.50	ppb
Barium	135-1	66.16	70.99	70.69	69.28	3.91	ppb
Barium	137-1	66.15	71.61	71.14	69.63	4.35	ppb
Beryllium	9-1	0.27	0.30	0.37	0.31	17.00	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.15	0.30	0.27	0.24	32.35	ppb
Cadmium	106-1	-0.59	-0.86	-0.90	-0.78		ppb
Cadmium	111-1	0.08	0.05	0.06	0.06	23.78	ppb
Calcium	43-1	6861.11	7248.96	7238.40	7116.16	3.10	ppb
Calcium	44-1	6567.92	6979.51	6927.23	6824.89	3.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.09	11.13	11.06	11.10	0.33	ppb
Cobalt	59-2	9.46	9.35	9.34	9.38	0.74	ppb
Copper	63-2	22.57	22.34	22.39	22.43	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	22405.10	22088.87	22015.51	22169.83	0.93	ppb
Iron	57-2	21935.97	21856.59	21959.21	21917.26	0.25	ppb
Iron	54-2	22339.66	22099.35	22198.51	22212.51	0.54	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:44:46	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.61	8.07	8.14	7.94	3.63	ppb
Lead	207-1	7.33	7.71	7.72	7.58	2.96	ppb
Lead	208-1	7.23	7.64	7.66	7.51	3.23	ppb
Lithium	6-1				92		%
Magnesium	24-2	4031.48	4081.59	4100.78	4071.29	0.88	ppb
Manganese	55-2	416.06	415.99	417.73	416.59	0.24	ppb
Molybdenum	94-1	4.20	4.55	4.58	4.44	4.69	ppb
Molybdenum	95-1	0.41	0.43	0.45	0.43	5.13	ppb
Molybdenum	96-1	0.95	0.99	1.01	0.99	3.19	ppb
Molybdenum	97-1	0.43	0.45	0.43	0.44	2.92	ppb
Molybdenum	98-1	0.38	0.41	0.43	0.41	5.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.81	10.65	10.77	10.74	0.81	ppb
Phosphorus	31-2	655.34	646.00	661.81	654.39	1.21	ppb
Potassium	39-2	1306.57	1301.48	1307.54	1305.20	0.25	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	-0.18	-0.29	-0.19	-0.22		ppb
Selenium	77-2	2.31	3.46	4.05	3.27	27.08	ppb
Selenium	78-2	0.19	0.12	1.01	0.44	112.53	ppb
Silicon	28-1	26.95	29.04	28.88	28.29	4.10	ppb
Silver	107-1	0.06	0.05	0.05	0.05	10.42	ppb
Silver	109-1	0.05	0.05	0.05	0.05	3.02	ppb
Sodium	23-2	27.61	26.51	27.55	27.22	2.28	ppb
Strontium	86-1	354.52	389.32	381.03	374.96	4.85	ppb
Strontium	88-1	359.03	386.55	383.04	376.21	3.98	ppb
Sulfur	34-1	-1399.79	-1267.26	-1234.50	-1300.52		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.08	0.08	0.08	3.07	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	4.45	ppb
Tin	118-1	0.54	0.57	0.57	0.56	3.48	ppb
Titanium	47-1	121.42	128.38	127.55	125.78	3.02	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:44:46	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.18	0.18	3.24	ppb
Vanadium	51-2	38.18	38.37	38.16	38.24	0.31	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	49.01	48.74	48.88	48.88	0.27	ppb
Zirconium	90-1	2.18	2.34	2.33	2.29	3.96	ppb
Zirconium	91-1	2.16	2.34	2.39	2.30	5.18	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:47:55	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8803.57	8840.24	8927.20	8857.00	0.72	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	4.94	ppb
Arsenic	75-2	16.64	16.48	16.74	16.62	0.78	ppb
Barium	135-1	72.93	73.92	72.70	73.18	0.88	ppb
Barium	137-1	72.84	74.93	74.32	74.03	1.45	ppb
Beryllium	9-1	0.33	0.40	0.32	0.35	13.27	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.25	0.27	0.34	0.29	15.95	ppb
Cadmium	106-1	-0.20	-0.86	-0.16	-0.40		ppb
Cadmium	111-1	0.10	0.04	0.10	0.08	43.81	ppb
Calcium	43-1	7559.20	7581.35	7658.51	7599.69	0.69	ppb
Calcium	44-1	7229.72	7194.91	7277.04	7233.89	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.21	12.50	12.50	12.40	1.36	ppb
Cobalt	59-2	10.12	10.40	10.26	10.26	1.39	ppb
Copper	63-2	23.35	23.34	23.66	23.45	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	23170.28	23194.60	23506.12	23290.33	0.80	ppb
Iron	57-2	22658.84	22779.60	23089.37	22842.60	0.97	ppb
Iron	54-2	23112.91	23128.44	23518.38	23253.25	0.99	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:47:55	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.56	8.67	8.60	8.61	0.63	ppb
Lead	207-1	8.30	8.22	8.15	8.22	0.94	ppb
Lead	208-1	8.16	8.16	8.09	8.14	0.51	ppb
Lithium	6-1				89		%
Magnesium	24-2	4269.87	4323.82	4314.32	4302.67	0.67	ppb
Manganese	55-2	430.29	433.57	431.99	431.95	0.38	ppb
Molybdenum	94-1	4.68	4.71	4.74	4.71	0.63	ppb
Molybdenum	95-1	0.32	0.33	0.34	0.33	2.21	ppb
Molybdenum	96-1	0.89	0.93	0.97	0.93	4.54	ppb
Molybdenum	97-1	0.31	0.29	0.33	0.31	6.91	ppb
Molybdenum	98-1	0.32	0.34	0.32	0.33	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.55	11.42	11.83	11.60	1.81	ppb
Phosphorus	31-2	689.59	664.14	684.84	679.52	1.99	ppb
Potassium	39-2	1351.51	1365.36	1377.30	1364.72	0.95	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	-0.17	-0.50	-0.63	-0.43		ppb
Selenium	77-2	4.15	3.54	3.78	3.82	8.12	ppb
Selenium	78-2	0.14	0.11	0.35	0.20	64.14	ppb
Silicon	28-1	27.62	27.99	28.55	28.06	1.67	ppb
Silver	107-1	0.04	0.04	0.04	0.04	7.36	ppb
Silver	109-1	0.04	0.03	0.04	0.03	8.07	ppb
Sodium	23-2	27.43	27.42	27.55	27.47	0.26	ppb
Strontium	86-1	393.20	384.45	388.76	388.80	1.13	ppb
Strontium	88-1	385.21	387.72	391.20	388.04	0.77	ppb
Sulfur	34-1	-1156.63	-1136.69	-1148.46	-1147.26		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.08	0.08	0.08	1.86	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	3.32	ppb
Tin	118-1	0.16	0.18	0.18	0.17	8.35	ppb
Titanium	47-1	126.87	127.72	127.90	127.50	0.43	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:47:55	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.20	0.20	0.86	ppb
Vanadium	51-2	40.34	40.34	41.15	40.61	1.15	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	48.89	49.93	50.66	49.82	1.79	ppb
Zirconium	90-1	2.39	2.41	2.40	2.40	0.46	ppb
Zirconium	91-1	2.44	2.40	2.47	2.43	1.41	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:51:07	DataFile Name :	182SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1644.40	1656.74	1657.93	1653.02	0.45	ppb
Antimony	121-1	0.02	0.01	0.02	0.01	12.68	ppb
Arsenic	75-2	3.19	3.45	3.20	3.28	4.51	ppb
Barium	135-1	14.00	14.33	14.33	14.22	1.34	ppb
Barium	137-1	13.96	14.40	14.41	14.25	1.78	ppb
Beryllium	9-1	0.07	0.09	0.10	0.09	14.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.09	0.00	0.04	99.59	ppb
Cadmium	106-1	-0.73	-1.43	-1.27	-1.14		ppb
Cadmium	111-1	-0.04	-0.09	-0.07	-0.07		ppb
Calcium	43-1	1425.84	1475.82	1460.75	1454.14	1.76	ppb
Calcium	44-1	1433.18	1457.03	1452.57	1447.59	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	2.16	2.12	2.11	2.94	ppb
Cobalt	59-2	1.91	1.88	1.90	1.89	0.85	ppb
Copper	63-2	4.47	4.54	4.46	4.49	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	4446.03	4450.30	4457.64	4451.32	0.13	ppb
Iron	57-2	4485.42	4505.97	4544.58	4511.99	0.67	ppb
Iron	54-2	4471.70	4449.29	4472.62	4464.54	0.30	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:51:07	DataFile Name :	182SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.51	1.58	1.56	1.55	2.34	ppb
Lead	207-1	1.47	1.50	1.48	1.48	1.17	ppb
Lead	208-1	1.45	1.49	1.47	1.47	1.36	ppb
Lithium	6-1				91		%
Magnesium	24-2	787.85	790.89	790.89	789.88	0.22	ppb
Manganese	55-2	82.13	82.78	83.24	82.72	0.67	ppb
Molybdenum	94-1	0.82	0.92	0.93	0.89	7.15	ppb
Molybdenum	95-1	0.07	0.07	0.07	0.07	4.27	ppb
Molybdenum	96-1	0.19	0.18	0.16	0.18	7.44	ppb
Molybdenum	97-1	0.05	0.05	0.07	0.06	24.19	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	2.03	2.01	2.02	0.63	ppb
Phosphorus	31-2	108.76	108.63	108.39	108.59	0.17	ppb
Potassium	39-2	257.62	260.98	261.84	260.14	0.86	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.77	-0.55	-1.14	-0.82		ppb
Selenium	77-2	1.47	0.79	0.91	1.06	34.38	ppb
Selenium	78-2	0.02	-0.06	-0.30	-0.11		ppb
Silicon	28-1	4.66	4.92	4.77	4.78	2.72	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.31	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.67	ppb
Sodium	23-2	0.72	0.93	1.58	1.08	41.63	ppb
Strontium	86-1	75.87	76.47	74.14	75.50	1.60	ppb
Strontium	88-1	77.00	77.71	76.44	77.05	0.82	ppb
Sulfur	34-1	-1309.28	-1267.74	-1292.17	-1289.73		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.02	0.02	27.04	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	16.40	ppb
Tin	118-1	0.07	0.07	0.08	0.07	4.17	ppb
Titanium	47-1	24.94	25.24	26.01	25.40	2.17	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:51:07	DataFile Name :	182SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	5.59	ppb
Vanadium	51-2	7.61	7.61	7.68	7.63	0.54	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	9.43	9.67	10.04	9.71	3.21	ppb
Zirconium	90-1	0.44	0.46	0.47	0.46	3.69	ppb
Zirconium	91-1	0.46	0.47	0.46	0.46	0.81	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:54:20	DataFile Name :	183SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9808.93	9732.00	9633.78	9724.90	0.90	ppb
Antimony	121-1	71.74	86.00	77.86	78.53	9.11	ppb
Arsenic	75-2	46.66	46.87	46.67	46.73	0.25	ppb
Barium	135-1	1575.40	1872.70	1690.63	1712.91	8.75	ppb
Barium	137-1	1582.24	1867.81	1691.30	1713.78	8.41	ppb
Beryllium	9-1	37.83	46.23	40.36	41.48	10.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.37	39.93	35.88	36.06	10.49	ppb
Cadmium	106-1	32.91	38.54	33.81	35.08	8.62	ppb
Cadmium	111-1	36.73	44.33	39.79	40.28	9.50	ppb
Calcium	43-1	6325.28	7846.42	7086.94	7086.21	10.73	ppb
Calcium	44-1	6112.72	7478.52	6805.19	6798.81	10.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170.87	170.60	169.45	170.31	0.44	ppb
Cobalt	59-2	413.49	414.77	413.31	413.86	0.19	ppb
Copper	63-2	217.49	213.64	210.99	214.04	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	22851.61	22949.43	22763.98	22855.01	0.41	ppb
Iron	57-2	22467.94	22249.58	22245.72	22321.08	0.57	ppb
Iron	54-2	22906.80	22979.70	22895.31	22927.27	0.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:54:20	DataFile Name :	183SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.45	26.18	23.49	23.71	10.00	ppb
Lead	207-1	20.21	24.27	21.71	22.06	9.29	ppb
Lead	208-1	20.38	24.49	21.88	22.25	9.35	ppb
Lithium	6-1				89		%
Magnesium	24-2	4035.39	3980.49	4002.88	4006.25	0.69	ppb
Manganese	55-2	798.42	790.53	784.10	791.02	0.91	ppb
Molybdenum	94-1	3.96	4.90	4.37	4.41	10.65	ppb
Molybdenum	95-1	0.37	0.47	0.44	0.43	11.05	ppb
Molybdenum	96-1	0.89	1.10	0.97	0.99	10.66	ppb
Molybdenum	97-1	0.37	0.45	0.40	0.40	10.24	ppb
Molybdenum	98-1	0.38	0.48	0.41	0.43	12.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	406.55	408.47	404.11	406.38	0.54	ppb
Phosphorus	31-2	649.43	653.47	630.36	644.42	1.92	ppb
Potassium	39-2	1313.52	1313.57	1302.74	1309.94	0.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	73.22	88.16	80.97	80.78	9.25	ppb
Selenium	77-2	82.55	81.11	78.73	80.79	2.39	ppb
Selenium	78-2	79.95	80.00	79.06	79.67	0.66	ppb
Silicon	28-1	24.33	31.90	28.52	28.25	13.42	ppb
Silver	107-1	34.56	41.75	37.63	37.98	9.50	ppb
Silver	109-1	34.42	41.79	37.58	37.93	9.75	ppb
Sodium	23-2	27.11	26.60	26.10	26.60	1.90	ppb
Strontium	86-1	336.39	408.81	365.50	370.23	9.84	ppb
Strontium	88-1	341.11	411.14	369.30	373.85	9.43	ppb
Sulfur	34-1	-1469.28	-891.07	-1236.29	-1198.88		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	34.55	41.60	37.30	37.82	9.40	ppb
Thallium	205-1	34.19	40.74	36.74	37.22	8.86	ppb
Tin	118-1	0.26	0.22	0.22	0.23	10.55	ppb
Titanium	47-1	111.17	136.86	125.27	124.43	10.34	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:54:20	DataFile Name :	183SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.20	0.19	0.19	8.39	ppb
Vanadium	51-2	428.41	427.44	428.28	428.04	0.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	439.05	440.31	435.22	438.19	0.60	ppb
Zirconium	90-1	2.06	2.47	2.23	2.25	9.03	ppb
Zirconium	91-1	2.11	2.50	2.28	2.29	8.49	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:57:24	DataFile Name :	184SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9139.69	9247.95	9198.80	9195.48	0.59	ppb
Antimony	121-1	21.33	21.80	21.69	21.61	1.15	ppb
Arsenic	75-2	25.07	25.86	25.66	25.53	1.61	ppb
Barium	135-1	573.38	579.13	583.24	578.58	0.86	ppb
Barium	137-1	571.38	590.32	578.71	580.14	1.65	ppb
Beryllium	9-1	12.59	13.27	13.16	13.01	2.78	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.61	11.42	10.15	10.39	8.97	ppb
Cadmium	106-1	8.28	9.22	8.32	8.61	6.15	ppb
Cadmium	111-1	11.11	11.11	11.05	11.09	0.30	ppb
Calcium	43-1	7482.25	7561.22	7512.66	7518.71	0.53	ppb
Calcium	44-1	7103.67	7176.82	7187.19	7155.90	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.62	60.93	61.07	60.87	0.38	ppb
Cobalt	59-2	132.92	132.10	134.03	133.02	0.73	ppb
Copper	63-2	82.15	81.85	82.00	82.00	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	23116.17	23122.53	23347.30	23195.34	0.57	ppb
Iron	57-2	23005.74	22907.94	22990.72	22968.13	0.23	ppb
Iron	54-2	23348.85	23245.86	23534.47	23376.39	0.63	ppb
Krypton	83-1						cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:57:24	DataFile Name :	184SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.70	12.90	12.77	12.79	0.78	ppb
Lead	207-1	11.89	12.07	11.92	11.96	0.82	ppb
Lead	208-1	11.84	12.13	12.03	12.00	1.22	ppb
Lithium	6-1				90		%
Magnesium	24-2	4346.91	4217.71	4229.66	4264.76	1.67	ppb
Manganese	55-2	547.86	554.94	555.41	552.74	0.77	ppb
Molybdenum	94-1	4.61	4.68	4.62	4.64	0.79	ppb
Molybdenum	95-1	0.43	0.42	0.45	0.44	3.77	ppb
Molybdenum	96-1	1.03	1.01	1.04	1.03	1.72	ppb
Molybdenum	97-1	0.39	0.43	0.43	0.42	5.95	ppb
Molybdenum	98-1	0.43	0.43	0.44	0.43	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.92	134.26	133.37	134.18	0.58	ppb
Phosphorus	31-2	662.01	674.70	678.77	671.83	1.30	ppb
Potassium	39-2	1349.98	1361.27	1365.57	1358.94	0.59	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	22.20	23.18	23.33	22.91	2.67	ppb
Selenium	77-2	26.80	27.57	27.45	27.27	1.52	ppb
Selenium	78-2	23.64	23.41	23.23	23.43	0.88	ppb
Silicon	28-1	29.03	29.10	28.60	28.91	0.94	ppb
Silver	107-1	12.08	12.43	12.52	12.34	1.89	ppb
Silver	109-1	11.97	12.49	12.51	12.32	2.52	ppb
Sodium	23-2	29.14	28.88	29.12	29.05	0.51	ppb
Strontium	86-1	385.98	395.62	394.73	392.11	1.36	ppb
Strontium	88-1	389.85	398.08	397.50	395.15	1.16	ppb
Sulfur	34-1	-1247.14	-1262.32	-1236.48	-1248.65		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	10.23	10.44	10.31	10.33	1.00	ppb
Thallium	205-1	10.11	10.29	10.26	10.22	0.93	ppb
Tin	118-1	0.17	0.68	0.18	0.34	84.13	ppb
Titanium	47-1	131.98	132.10	132.61	132.23	0.25	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:57:24	DataFile Name :	184SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.19	0.19	0.19	0.44	ppb
Vanadium	51-2	160.14	159.96	160.34	160.15	0.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	169.72	170.57	171.71	170.67	0.59	ppb
Zirconium	90-1	2.36	2.38	2.39	2.38	0.78	ppb
Zirconium	91-1	2.39	2.42	2.39	2.40	0.69	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:00:31	DataFile Name :	185SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7209.95	7249.78	7177.63	7212.45	0.50	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	12.00	ppb
Arsenic	75-2	7.56	7.53	7.26	7.45	2.20	ppb
Barium	135-1	91.78	94.08	93.22	93.03	1.25	ppb
Barium	137-1	93.33	95.02	93.98	94.11	0.91	ppb
Beryllium	9-1	0.33	0.35	0.35	0.34	3.63	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.34	0.22	0.16	0.24	36.74	ppb
Cadmium	106-1	-0.83	-0.89	-1.21	-0.98		ppb
Cadmium	111-1	0.00	0.00	0.00	0.00		ppb
Calcium	43-1	7881.02	8070.91	7942.80	7964.91	1.22	ppb
Calcium	44-1	7546.56	7752.79	7658.72	7652.69	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.27	12.29	12.22	12.26	0.29	ppb
Cobalt	59-2	7.85	7.88	7.93	7.89	0.50	ppb
Copper	63-2	14.58	14.68	14.69	14.65	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	14135.93	14150.61	14263.21	14183.25	0.49	ppb
Iron	57-2	14081.70	14155.71	14208.06	14148.49	0.45	ppb
Iron	54-2	14209.20	13991.80	14564.52	14255.17	2.03	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:00:31	DataFile Name :	185SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.41	5.44	5.42	5.42	0.23	ppb
Lead	207-1	4.96	5.08	5.12	5.05	1.67	ppb
Lead	208-1	5.00	5.08	5.11	5.06	1.17	ppb
Lithium	6-1				90		%
Magnesium	24-2	4111.75	4207.15	4198.11	4172.34	1.26	ppb
Manganese	55-2	395.20	392.34	394.83	394.12	0.39	ppb
Molybdenum	94-1	5.56	5.83	5.72	5.71	2.36	ppb
Molybdenum	95-1	0.10	0.11	0.10	0.10	5.71	ppb
Molybdenum	96-1	0.74	0.79	0.78	0.77	3.34	ppb
Molybdenum	97-1	0.07	0.08	0.08	0.08	9.83	ppb
Molybdenum	98-1	0.10	0.09	0.09	0.09	5.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.47	11.50	11.56	11.51	0.39	ppb
Phosphorus	31-2	512.39	528.09	537.43	525.97	2.41	ppb
Potassium	39-2	978.43	980.63	989.78	982.94	0.61	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.77	-0.60	-0.75	-0.71		ppb
Selenium	77-2	3.69	3.79	3.25	3.58	8.12	ppb
Selenium	78-2	-0.13	0.44	-0.34	-0.01		ppb
Silicon	28-1	12.20	12.58	12.64	12.47	1.91	ppb
Silver	107-1	0.04	0.04	0.04	0.04	10.66	ppb
Silver	109-1	0.04	0.04	0.03	0.03	9.24	ppb
Sodium	23-2	29.18	30.59	29.58	29.78	2.44	ppb
Strontium	86-1	964.52	996.21	979.74	980.16	1.62	ppb
Strontium	88-1	981.36	1007.06	996.77	995.06	1.30	ppb
Sulfur	34-1	-1406.52	-1282.26	-1261.11	-1316.63		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.06	0.05	0.05	7.24	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	5.36	ppb
Tin	118-1	0.08	0.07	0.08	0.08	10.68	ppb
Titanium	47-1	88.07	91.42	90.19	89.89	1.88	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:00:31	DataFile Name :	185SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.17	0.17	1.07	ppb
Vanadium	51-2	22.90	22.92	22.98	22.93	0.18	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	38.11	38.18	38.54	38.28	0.60	ppb
Zirconium	90-1	3.10	3.13	3.13	3.12	0.53	ppb
Zirconium	91-1	3.07	3.13	3.17	3.12	1.73	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:03:41	DataFile Name :	186SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7401.14	7425.61	7379.58	7402.11	0.31	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	0.71	ppb
Arsenic	75-2	7.45	7.56	7.29	7.43	1.83	ppb
Barium	135-1	94.22	94.63	93.99	94.28	0.35	ppb
Barium	137-1	94.95	95.84	94.86	95.22	0.57	ppb
Beryllium	9-1	0.29	0.36	0.35	0.33	10.88	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.22	0.35	0.35	0.31	24.79	ppb
Cadmium	106-1	-1.04	-0.97	-1.23	-1.08		ppb
Cadmium	111-1	0.00	-0.01	-0.03	-0.01		ppb
Calcium	43-1	8186.62	8147.01	7979.99	8104.54	1.35	ppb
Calcium	44-1	7898.41	7657.75	7756.03	7770.73	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.03	12.05	11.90	11.99	0.66	ppb
Cobalt	59-2	7.95	7.89	7.96	7.93	0.51	ppb
Copper	63-2	15.19	14.95	15.02	15.05	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	14483.45	14392.30	14445.96	14440.57	0.32	ppb
Iron	57-2	14254.32	14309.87	14407.13	14323.77	0.54	ppb
Iron	54-2	14642.59	14287.93	14449.96	14460.16	1.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:03:41	DataFile Name :	186SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.54	5.71	5.63	5.63	1.51	ppb
Lead	207-1	5.14	5.30	5.23	5.22	1.49	ppb
Lead	208-1	5.22	5.31	5.26	5.26	0.86	ppb
Lithium	6-1				90		%
Magnesium	24-2	4329.47	4273.06	4255.32	4285.95	0.90	ppb
Manganese	55-2	396.58	395.50	394.60	395.56	0.25	ppb
Molybdenum	94-1	5.54	5.77	5.75	5.69	2.30	ppb
Molybdenum	95-1	0.09	0.08	0.10	0.09	9.82	ppb
Molybdenum	96-1	0.78	0.76	0.76	0.77	1.47	ppb
Molybdenum	97-1	0.07	0.09	0.08	0.08	12.93	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.71	11.58	11.79	11.69	0.91	ppb
Phosphorus	31-2	555.94	534.22	527.34	539.17	2.77	ppb
Potassium	39-2	992.05	976.91	984.53	984.50	0.77	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	-0.28	-0.65	-0.33	-0.42		ppb
Selenium	77-2	1.81	4.45	3.05	3.11	42.52	ppb
Selenium	78-2	0.10	-0.28	0.62	0.15	303.84	ppb
Silicon	28-1	16.31	15.12	15.29	15.57	4.13	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.87	ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.00	ppb
Sodium	23-2	27.40	27.23	32.94	29.19	11.14	ppb
Strontium	86-1	995.33	1001.30	1011.70	1002.78	0.83	ppb
Strontium	88-1	1013.92	1021.20	1010.64	1015.25	0.53	ppb
Sulfur	34-1	-1232.80	-1228.22	-1205.79	-1222.27		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.05	0.04	0.04	7.22	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	6.26	ppb
Tin	118-1	0.05	0.06	0.05	0.05	19.88	ppb
Titanium	47-1	90.40	90.48	90.80	90.56	0.23	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:03:41	DataFile Name :	186SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.17	0.17	1.69	ppb
Vanadium	51-2	23.20	22.97	23.26	23.15	0.66	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	38.74	38.54	38.35	38.54	0.51	ppb
Zirconium	90-1	3.08	3.13	3.13	3.11	0.85	ppb
Zirconium	91-1	3.12	3.20	3.12	3.15	1.47	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 23:06:49	DataFile Name :	187SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1395.08	1392.18	1386.41	1391.22	0.32	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	46.69	ppb
Arsenic	75-2	1.63	1.55	1.50	1.56	4.22	ppb
Barium	135-1	18.23	17.89	17.99	18.04	0.96	ppb
Barium	137-1	18.24	18.31	18.26	18.27	0.20	ppb
Beryllium	9-1	0.07	0.05	0.07	0.07	22.06	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.06	0.06	0.05	48.93	ppb
Cadmium	106-1	-1.06	-1.03	-1.95	-1.35		ppb
Cadmium	111-1	-0.07	-0.07	-0.13	-0.09		ppb
Calcium	43-1	1531.23	1558.44	1597.67	1562.45	2.14	ppb
Calcium	44-1	1540.12	1571.09	1600.37	1570.53	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.32	2.35	2.29	2.32	1.24	ppb
Cobalt	59-2	1.55	1.59	1.53	1.56	1.96	ppb
Copper	63-2	2.86	2.94	2.93	2.91	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	2823.73	2829.48	2813.13	2822.11	0.29	ppb
Iron	57-2	2871.22	2872.12	2858.70	2867.34	0.26	ppb
Iron	54-2	2888.44	2910.09	2904.61	2901.05	0.39	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 23:06:49	DataFile Name :	187SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.04	1.02	1.04	1.03	1.38	ppb
Lead	207-1	0.96	0.97	0.93	0.95	2.03	ppb
Lead	208-1	0.96	0.97	0.96	0.96	0.64	ppb
Lithium	6-1				89		%
Magnesium	24-2	788.55	793.73	796.19	792.82	0.49	ppb
Manganese	55-2	77.83	78.36	78.33	78.17	0.38	ppb
Molybdenum	94-1	1.06	1.11	1.13	1.10	2.91	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.15	0.13	0.14	0.14	7.41	ppb
Molybdenum	97-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.30	2.27	2.27	1.58	ppb
Phosphorus	31-2	87.36	88.36	83.50	86.40	2.97	ppb
Potassium	39-2	190.58	191.38	189.47	190.48	0.50	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	-0.29	-0.21	-0.41	-0.30		ppb
Selenium	77-2	0.19	0.66	0.78	0.54	56.84	ppb
Selenium	78-2	-0.77	-0.24	-0.38	-0.46		ppb
Silicon	28-1	1.57	1.58	1.66	1.60	3.05	ppb
Silver	107-1	0.01	0.00	0.00	0.00	22.10	ppb
Silver	109-1	0.01	0.01	0.00	0.01	21.43	ppb
Sodium	23-2	0.11	1.17	0.26	0.51	112.06	ppb
Strontium	86-1	192.52	194.12	194.81	193.82	0.61	ppb
Strontium	88-1	196.99	199.21	196.77	197.66	0.68	ppb
Sulfur	34-1	-1276.28	-1253.48	-1197.82	-1242.53		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.01	0.00	0.00	89.94	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	10.92	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	17.52	18.23	17.53	17.76	2.29	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 23:06:49	DataFile Name :	187SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.04	0.03	0.03	5.42	ppb
Vanadium	51-2	4.44	4.37	4.45	4.42	0.99	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	7.25	7.59	7.34	7.39	2.37	ppb
Zirconium	90-1	0.61	0.60	0.62	0.61	1.09	ppb
Zirconium	91-1	0.58	0.62	0.69	0.63	8.78	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:10:05	DataFile Name :	188SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7621.32	7481.32	7514.40	7539.01	0.97	ppb
Antimony	121-1	19.80	19.77	19.96	19.84	0.52	ppb
Arsenic	75-2	15.04	15.51	14.87	15.14	2.19	ppb
Barium	135-1	498.68	492.58	488.43	493.23	1.05	ppb
Barium	137-1	495.23	500.13	498.29	497.88	0.50	ppb
Beryllium	9-1	10.14	10.56	10.35	10.35	2.02	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.38	9.42	9.31	9.37	0.59	ppb
Cadmium	106-1	9.17	8.24	7.54	8.32	9.83	ppb
Cadmium	111-1	10.31	10.20	10.15	10.22	0.83	ppb
Calcium	43-1	7827.51	7940.06	7994.71	7920.76	1.08	ppb
Calcium	44-1	7571.68	7622.99	7685.88	7626.85	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.22	51.19	51.05	51.15	0.18	ppb
Cobalt	59-2	105.02	104.83	105.16	105.01	0.16	ppb
Copper	63-2	61.26	61.40	60.32	60.99	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	14331.60	14404.46	14137.47	14291.18	0.97	ppb
Iron	57-2	14289.19	14082.35	13984.21	14118.58	1.10	ppb
Iron	54-2	14343.36	14455.42	14282.73	14360.50	0.61	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:12/18/2024
10:31:08 PM
Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:10:05	DataFile Name :	188SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.41	9.45	9.43	9.43	0.22	ppb
Lead	207-1	8.76	8.80	8.55	8.71	1.53	ppb
Lead	208-1	8.81	8.81	8.72	8.78	0.60	ppb
Lithium	6-1				91		%
Magnesium	24-2	4185.38	4112.95	4123.17	4140.50	0.95	ppb
Manganese	55-2	489.47	489.39	481.40	486.75	0.95	ppb
Molybdenum	94-1	5.48	5.65	5.65	5.59	1.80	ppb
Molybdenum	95-1	0.11	0.10	0.09	0.10	7.10	ppb
Molybdenum	96-1	0.77	0.78	0.78	0.78	0.27	ppb
Molybdenum	97-1	0.08	0.09	0.09	0.09	7.82	ppb
Molybdenum	98-1	0.09	0.10	0.10	0.10	3.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.05	108.52	108.49	108.69	0.29	ppb
Phosphorus	31-2	502.53	526.52	520.02	516.36	2.40	ppb
Potassium	39-2	974.62	971.11	961.34	969.03	0.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	18.29	18.78	18.59	18.55	1.35	ppb
Selenium	77-2	21.82	21.54	23.29	22.22	4.24	ppb
Selenium	78-2	20.64	18.79	18.95	19.46	5.27	ppb
Silicon	28-1	12.65	13.12	13.18	12.98	2.24	ppb
Silver	107-1	9.60	9.73	9.82	9.72	1.11	ppb
Silver	109-1	9.60	9.68	9.81	9.69	1.09	ppb
Sodium	23-2	25.06	25.81	25.30	25.39	1.51	ppb
Strontium	86-1	976.66	998.97	999.13	991.59	1.30	ppb
Strontium	88-1	990.76	996.37	990.16	992.43	0.35	ppb
Sulfur	34-1	-1250.68	-1185.96	-1184.67	-1207.11		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	9.58	9.60	9.67	9.62	0.49	ppb
Thallium	205-1	9.49	9.43	9.36	9.43	0.69	ppb
Tin	118-1	0.02	0.00	0.00	0.01	165.36	ppb
Titanium	47-1	88.45	89.46	89.28	89.06	0.60	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:10:05	DataFile Name :	188SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.17	0.17	0.17	3.57	ppb
Vanadium	51-2	118.72	118.76	117.06	118.18	0.82	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	132.75	132.70	132.04	132.50	0.30	ppb
Zirconium	90-1	3.04	3.10	3.09	3.08	1.00	ppb
Zirconium	91-1	3.11	3.14	3.11	3.12	0.65	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:13:11	DataFile Name :	189SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8316.44	8496.49	8393.01	8401.98	1.08	ppb
Antimony	121-1	80.79	75.52	77.54	77.95	3.41	ppb
Arsenic	75-2	37.80	37.56	36.71	37.36	1.53	ppb
Barium	135-1	1719.76	1618.89	1642.69	1660.45	3.18	ppb
Barium	137-1	1728.60	1607.50	1646.75	1660.95	3.72	ppb
Beryllium	9-1	41.53	38.26	39.50	39.77	4.15	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	37.50	34.97	36.38	36.28	3.50	ppb
Cadmium	106-1	36.15	32.59	33.62	34.12	5.37	ppb
Cadmium	111-1	41.87	39.19	39.66	40.24	3.55	ppb
Calcium	43-1	8348.16	7722.68	7881.61	7984.15	4.07	ppb
Calcium	44-1	8025.52	7460.62	7569.33	7685.16	3.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163.97	163.03	163.25	163.42	0.30	ppb
Cobalt	59-2	391.77	386.52	391.23	389.84	0.74	ppb
Copper	63-2	194.75	194.26	192.89	193.97	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	14730.72	14558.75	14573.49	14620.99	0.65	ppb
Iron	57-2	14401.81	14358.88	14308.83	14356.50	0.32	ppb
Iron	54-2	15056.59	14875.83	14731.64	14888.02	1.09	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:13:11	DataFile Name :	189SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.24	20.45	20.62	21.10	4.70	ppb
Lead	207-1	20.48	18.97	19.00	19.48	4.44	ppb
Lead	208-1	20.64	19.22	19.41	19.76	3.90	ppb
Lithium	6-1				90		%
Magnesium	24-2	4130.45	4090.38	4074.85	4098.56	0.70	ppb
Manganese	55-2	758.22	751.28	750.28	753.26	0.57	ppb
Molybdenum	94-1	5.80	5.30	5.62	5.58	4.53	ppb
Molybdenum	95-1	0.11	0.10	0.11	0.11	5.41	ppb
Molybdenum	96-1	0.78	0.75	0.75	0.76	2.53	ppb
Molybdenum	97-1	0.09	0.08	0.07	0.08	7.00	ppb
Molybdenum	98-1	0.11	0.09	0.10	0.10	9.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	388.15	387.47	388.81	388.14	0.17	ppb
Phosphorus	31-2	517.85	525.73	499.21	514.26	2.65	ppb
Potassium	39-2	950.63	951.71	950.87	951.07	0.06	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	85.18	79.77	81.97	82.30	3.31	ppb
Selenium	77-2	78.76	86.05	87.01	83.94	5.37	ppb
Selenium	78-2	79.65	80.10	79.99	79.91	0.30	ppb
Silicon	28-1	16.34	14.56	14.91	15.27	6.18	ppb
Silver	107-1	40.11	37.71	38.38	38.73	3.19	ppb
Silver	109-1	40.07	37.64	38.79	38.84	3.13	ppb
Sodium	23-2	24.65	24.59	25.75	25.00	2.61	ppb
Strontium	86-1	1007.24	938.83	966.15	970.74	3.55	ppb
Strontium	88-1	1044.94	958.14	997.18	1000.09	4.35	ppb
Sulfur	34-1	-1041.58	-1283.89	-1272.42	-1199.30		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	39.48	36.51	36.32	37.43	4.74	ppb
Thallium	205-1	39.06	36.51	36.14	37.24	4.26	ppb
Tin	118-1	0.05	0.01	0.01	0.02	79.89	ppb
Titanium	47-1	91.72	85.28	86.15	87.71	3.98	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:13:11	DataFile Name :	189SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.17	0.17	0.17	4.23	ppb
Vanadium	51-2	397.41	391.98	394.94	394.78	0.69	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	411.58	406.34	405.99	407.97	0.77	ppb
Zirconium	90-1	3.15	2.97	2.99	3.04	3.35	ppb
Zirconium	91-1	3.24	2.99	3.00	3.08	4.67	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:16:14	DataFile Name :	190SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16300.35	16428.10	16302.12	16343.52	0.45	ppb
Antimony	121-1	4.52	4.57	4.57	4.56	0.68	ppb
Arsenic	75-2	13.00	12.96	12.92	12.96	0.34	ppb
Barium	135-1	19.95	19.97	19.92	19.95	0.15	ppb
Barium	137-1	20.01	20.07	20.10	20.06	0.25	ppb
Beryllium	9-1	0.15	0.14	0.12	0.14	8.78	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.25	0.28	0.23	0.26	10.52	ppb
Cadmium	106-1	-0.05	-0.79	-0.76	-0.53		ppb
Cadmium	111-1	0.21	0.16	0.15	0.17	20.51	ppb
Calcium	43-1	8379.43	8612.03	8515.78	8502.41	1.37	ppb
Calcium	44-1	8108.17	8253.09	8178.78	8180.01	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.01	63.04	62.72	62.92	0.28	ppb
Cobalt	59-2	25.43	25.42	25.25	25.37	0.39	ppb
Copper	63-2	77.23	77.26	77.25	77.24	0.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	38696.45	38653.56	39076.93	38808.98	0.60	ppb
Iron	57-2	38399.15	38122.19	38324.97	38282.11	0.37	ppb
Iron	54-2	38581.13	39042.50	38859.38	38827.67	0.60	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:16:14	DataFile Name :	190SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.23	4.28	4.31	4.27	0.95	ppb
Lead	207-1	4.08	4.17	4.11	4.12	1.11	ppb
Lead	208-1	4.04	4.11	4.13	4.09	1.10	ppb
Lithium	6-1				92		%
Magnesium	24-2	13878.84	13900.39	13739.98	13839.74	0.63	ppb
Manganese	55-2	797.11	800.86	793.80	797.26	0.44	ppb
Molybdenum	94-1	1.20	1.18	1.18	1.19	0.83	ppb
Molybdenum	95-1	0.28	0.28	0.30	0.29	4.73	ppb
Molybdenum	96-1	0.65	0.69	0.61	0.65	5.74	ppb
Molybdenum	97-1	0.29	0.24	0.23	0.25	13.73	ppb
Molybdenum	98-1	0.27	0.27	0.25	0.26	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.67	41.79	41.92	41.80	0.30	ppb
Phosphorus	31-2	303.04	306.70	318.55	309.43	2.62	ppb
Potassium	39-2	656.74	658.57	656.49	657.27	0.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.09	-0.53	-0.56	-0.33		ppb
Selenium	77-2	2.26	1.46	2.04	1.92	21.34	ppb
Selenium	78-2	0.12	-0.26	0.88	0.24	236.66	ppb
Silicon	28-1	4.38	4.75	4.84	4.66	5.24	ppb
Silver	107-1	0.09	0.09	0.09	0.09	0.59	ppb
Silver	109-1	0.10	0.09	0.09	0.09	8.97	ppb
Sodium	23-2	21.12	21.43	21.93	21.49	1.90	ppb
Strontium	86-1	373.85	380.88	381.01	378.58	1.08	ppb
Strontium	88-1	373.28	379.90	379.43	377.54	0.98	ppb
Sulfur	34-1	-1413.28	-1377.65	-1415.58	-1402.17		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.17	0.17	0.18	0.17	4.89	ppb
Thallium	205-1	0.16	0.17	0.18	0.17	4.81	ppb
Tin	118-1	0.20	0.21	0.22	0.21	3.43	ppb
Titanium	47-1	313.23	317.15	316.58	315.66	0.67	ppb

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:16:14	DataFile Name :	190SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.06	0.05	2.75	ppb
Vanadium	51-2	111.76	109.97	110.32	110.68	0.85	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	54.42	54.38	54.79	54.53	0.41	ppb
Zirconium	90-1	0.50	0.52	0.51	0.51	2.54	ppb
Zirconium	91-1	0.50	0.51	0.51	0.51	1.46	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 23:25:20	DataFile Name :	193CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48356.91	48909.40	48875.79	48714.03	0.64	ppb
Antimony	121-1	508.73	508.14	504.43	507.10	0.46	ppb
Arsenic	75-2	493.61	500.31	503.38	499.10	1.00	ppb
Barium	135-1	2591.61	2600.37	2536.14	2576.04	1.35	ppb
Barium	137-1	2602.72	2588.51	2555.04	2582.09	0.95	ppb
Beryllium	9-1	495.62	502.32	497.17	498.37	0.70	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	523.64	522.36	521.25	522.42	0.23	ppb
Cadmium	106-1	522.16	516.33	522.04	520.18	0.64	ppb
Cadmium	111-1	523.09	529.17	519.41	523.89	0.94	ppb
Calcium	43-1	249745.98	248398.40	248805.68	248983.35	0.28	ppb
Calcium	44-1	249730.30	249229.38	249130.40	249363.36	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.75	489.63	497.19	492.19	0.88	ppb
Cobalt	59-2	485.97	490.64	484.58	487.06	0.65	ppb
Copper	63-2	4897.84	4899.83	4868.05	4888.57	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	125143.27	123981.75	124246.40	124457.14	0.49	ppb
Iron	57-2	123913.02	124538.69	123298.60	123916.77	0.50	ppb
Iron	54-2	123638.51	123779.59	124493.31	123970.47	0.37	ppb
Krypton	83-1						cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 23:25:20	DataFile Name :	193CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2659.54	2654.77	2654.40	2656.24	0.11	ppb
Lead	207-1	2647.16	2618.20	2623.37	2629.58	0.59	ppb
Lead	208-1	2618.40	2612.92	2617.48	2616.27	0.11	ppb
Lithium	6-1				89		%
Magnesium	24-2	242616.11	244585.87	243683.16	243628.38	0.40	ppb
Manganese	55-2	4901.90	4923.77	4882.79	4902.82	0.42	ppb
Molybdenum	94-1	5143.73	5169.46	5096.28	5136.49	0.72	ppb
Molybdenum	95-1	5136.51	5171.28	5101.09	5136.29	0.68	ppb
Molybdenum	96-1	5179.14	5162.24	5120.62	5154.00	0.58	ppb
Molybdenum	97-1	5176.01	5141.92	5073.79	5130.57	1.01	ppb
Molybdenum	98-1	5174.94	5141.22	5027.37	5114.51	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.17	494.42	494.17	493.58	0.25	ppb
Phosphorus	31-2	9718.88	9780.90	9635.74	9711.84	0.75	ppb
Potassium	39-2	120457.43	120822.84	120553.43	120611.24	0.16	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				86		%
Scandium	45-2				84		%
Selenium	82-1	516.67	512.18	510.15	513.00	0.65	ppb
Selenium	77-2	493.78	472.19	476.32	480.76	2.38	ppb
Selenium	78-2	480.15	488.84	498.19	489.06	1.84	ppb
Silicon	28-1	525.77	525.80	525.09	525.55	0.08	ppb
Silver	107-1	525.15	525.41	523.80	524.79	0.16	ppb
Silver	109-1	526.87	520.53	527.41	524.94	0.73	ppb
Sodium	23-2	240398.27	241569.44	239954.33	240640.68	0.35	ppb
Strontium	86-1	13114.57	12847.97	12859.11	12940.55	1.17	ppb
Strontium	88-1	12973.66	12998.45	12924.44	12965.52	0.29	ppb
Sulfur	34-1	9541.04	9527.10	9595.48	9554.54	0.38	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	531.91	526.99	531.75	530.21	0.53	ppb
Thallium	205-1	529.98	530.46	533.69	531.38	0.38	ppb
Tin	118-1	514.18	514.34	511.58	513.37	0.30	ppb
Titanium	47-1	5058.52	5157.68	5143.59	5119.93	1.05	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 23:25:20	DataFile Name :	193CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	531.29	534.40	530.00	531.90	0.43	ppb
Vanadium	51-2	501.18	496.30	501.38	499.62	0.58	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	5026.59	5038.31	5046.45	5037.12	0.20	ppb
Zirconium	90-1	525.43	517.15	507.09	516.56	1.78	ppb
Zirconium	91-1	520.93	526.61	510.74	519.43	1.55	ppb

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 23:28:02	DataFile Name :	194CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.63	1.69	1.74	1.69	3.05	ppb
Antimony	121-1	0.24	0.21	0.18	0.21	14.10	ppb
Arsenic	75-2	0.01	0.02	0.03	0.02	62.00	ppb
Barium	135-1	0.19	0.13	0.13	0.15	21.99	ppb
Barium	137-1	0.18	0.14	0.11	0.14	27.00	ppb
Beryllium	9-1	0.08	0.10	0.07	0.08	21.79	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.15	0.05	0.00	0.07	112.63	ppb
Cadmium	106-1	-0.12	-0.80	-0.55	-0.49		ppb
Cadmium	111-1	0.04	-0.03	-0.01	0.00	31218.72	ppb
Calcium	43-1	14.97	12.48	10.54	12.66	17.54	ppb
Calcium	44-1	11.86	8.04	6.16	8.69	33.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	-0.05	-0.03		ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	16.28	ppb
Copper	63-2	0.22	0.23	0.22	0.22	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	5.14	4.93	4.68	4.92	4.75	ppb
Iron	57-2	3.25	3.57	3.18	3.33	6.27	ppb
Iron	54-2	4.86	3.95	5.16	4.66	13.55	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 23:28:02	DataFile Name :	194CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.15	0.13	0.16	21.88	ppb
Lead	207-1	0.19	0.12	0.12	0.15	28.14	ppb
Lead	208-1	0.18	0.13	0.13	0.15	20.94	ppb
Lithium	6-1				91		%
Magnesium	24-2	9.60	9.48	8.30	9.13	7.90	ppb
Manganese	55-2	0.22	0.19	0.17	0.19	12.17	ppb
Molybdenum	94-1	0.51	0.38	0.34	0.41	21.77	ppb
Molybdenum	95-1	0.42	0.33	0.28	0.34	20.91	ppb
Molybdenum	96-1	0.43	0.34	0.29	0.35	19.27	ppb
Molybdenum	97-1	0.40	0.33	0.28	0.34	17.61	ppb
Molybdenum	98-1	0.42	0.34	0.28	0.34	20.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.04	-0.02		ppb
Phosphorus	31-2	-25.07	-22.66	-23.79	-23.84		ppb
Potassium	39-2	8.55	8.38	6.50	7.81	14.61	ppb
Rhodium	103-1				90		%
Rhodium	103-2				95		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	-0.75	-0.83	-0.71	-0.76		ppb
Selenium	77-2	0.34	-0.04	-0.04	0.09	249.46	ppb
Selenium	78-2	-0.71	-1.17	-0.67	-0.85		ppb
Silicon	28-1	-2.89	-3.11	-3.16	-3.05		ppb
Silver	107-1	0.10	0.08	0.08	0.08	16.20	ppb
Silver	109-1	0.09	0.08	0.07	0.08	17.77	ppb
Sodium	23-2	24.18	24.03	21.91	23.38	5.44	ppb
Strontium	86-1	0.32	0.40	-0.04	0.22	104.45	ppb
Strontium	88-1	0.84	0.64	0.57	0.69	20.17	ppb
Sulfur	34-1	-249.82	-415.74	-437.00	-367.52		ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.06	0.05	0.06	16.12	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	18.92	ppb
Tin	118-1	0.03	0.03	0.03	0.03	10.38	ppb
Titanium	47-1	0.42	0.30	0.23	0.32	30.94	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 23:28:02	DataFile Name :	194CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.02	0.03	21.62	ppb
Vanadium	51-2	0.03	0.02	0.01	0.02	27.05	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	0.21	0.27	0.34	0.28	23.77	ppb
Zirconium	90-1	0.07	0.05	0.05	0.06	18.19	ppb
Zirconium	91-1	0.09	0.05	0.05	0.06	31.50	ppb

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:32:58	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253	200	243	232	12.21	cps
Antimony	121-1	100	93	40	78	42.28	cps
Arsenic	75-2	23	17	17	19	20.36	cps
Barium	135-1	77	40	60	59	31.18	cps
Barium	137-1	110	93	120	108	12.50	cps
Beryllium	9-1	47	23	37	36	32.93	cps
Bismuth	209-1	10950858	10522214	10559676	10677582	2.22	cps
Bismuth	209-2	9414891	9339780	9436515	9397062	0.54	cps
Bromine	81-1	15632	16126	15572	15776	1.93	cps
Bromine	81-2	173	233	160	189	20.68	cps
Cadmium	108-1	17	13	20	17	20.01	cps
Cadmium	106-1	4861	4671	4544	4692	3.40	cps
Cadmium	111-1	3434	3290	3197	3307	3.62	cps
Calcium	43-1	610	620	560	597	5.39	cps
Calcium	44-1	23206	22574	22521	22767	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2684	2587	2787	2686	3.72	cps
Cobalt	59-2	230	240	213	228	5.91	cps
Copper	63-2	1257	1300	1200	1252	4.00	cps
Dysprosium	156-1	7	10	0	6	91.64	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	60	90	57	69	26.65	cps
Erbium	164-2	40	43	60	48	22.43	cps
Gadolinium	160-1	127	80	60	89	38.49	cps
Gadolinium	160-2	810	870	887	856	4.71	cps
Holmium	165-1	18215287	17519793	17277521	17670867	2.75	cps
Holmium	165-2	13325800	13267562	13160885	13251416	0.63	cps
Indium	115-1	15596042	14860896	14858943	15105294	2.81	cps
Indium	115-2	5815458	5844080	5752954	5804164	0.80	cps
Iron	56-2	26971	26293	26864	26709	1.36	cps
Iron	57-2	1520	1463	1590	1525	4.16	cps
Iron	54-2	3347	3287	3440	3358	2.30	cps
Krypton	83-1	310	280	253	281	10.09	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:32:58	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1017	1117	1073	1069	4.69	cps
Lead	207-1	900	907	907	904	0.43	cps
Lead	208-1	3257	3470	3478	3402	3.69	cps
Lithium	6-1	1995761	1960458	1924524	1960248	1.82	cps
Magnesium	24-2	897	860	837	864	3.50	cps
Manganese	55-2	527	557	610	564	7.48	cps
Molybdenum	94-1	543	460	450	484	10.58	cps
Molybdenum	95-1	407	300	360	356	15.04	cps
Molybdenum	96-1	450	493	500	481	5.64	cps
Molybdenum	97-1	283	277	257	272	5.10	cps
Molybdenum	98-1	623	523	503	550	11.69	cps
Neodymium	150-1	13	7	17	12	41.65	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	820	690	817	776	9.56	cps
Phosphorus	31-2	293	297	293	294	0.65	cps
Potassium	39-2	68172	69347	68784	68768	0.85	cps
Rhodium	103-1	15175512	14370338	14523944	14689931	2.91	cps
Rhodium	103-2	8819450	8916474	8830539	8855488	0.60	cps
Scandium	45-1	9054347	8616172	8569295	8746604	3.06	cps
Scandium	45-2	748627	753100	749479	750402	0.32	cps
Selenium	82-1	901	888	860	883	2.36	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	620	600	553	591	5.79	cps
Silicon	28-1	1271629	1233844	1266723	1257399	1.63	cps
Silver	107-1	147	117	130	131	11.46	cps
Silver	109-1	67	83	97	82	18.28	cps
Sodium	23-2	39069	37746	37836	38217	1.93	cps
Strontium	86-1	557	590	530	559	5.38	cps
Strontium	88-1	423	443	393	420	5.99	cps
Sulfur	34-1	251713	255072	255511	254098	0.82	cps
Terbium	159-1	19166191	17911981	18101253	18393142	3.68	cps
Terbium	159-2	13070294	13028966	12982568	13027276	0.34	cps
Thallium	203-1	343	280	297	307	10.70	cps
Thallium	205-1	730	757	757	748	2.06	cps
Tin	118-1	3370	3520	3564	3485	2.91	cps
Titanium	47-1	140	130	147	139	6.04	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:32:58	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	30	27	30	11.10	cps
Vanadium	51-2	30	7	23	20	60.08	cps
Yttrium	89-1	18814546	17949186	17796078	18186603	3.02	cps
Yttrium	89-2	5086257	5072090	5069563	5075970	0.18	cps
Zinc	66-2	823	807	767	799	3.65	cps
Zirconium	90-1	913	957	833	901	6.94	cps
Zirconium	91-1	190	180	187	186	2.74	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:36:13	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8176	8516	8192	8295	2.31	cps
Antimony	121-1	34588	36122	35784	35498	2.27	cps
Arsenic	75-2	1300	1143	997	1147	13.23	cps
Barium	135-1	43633	43941	43951	43842	0.41	cps
Barium	137-1	76106	75522	76343	75990	0.56	cps
Beryllium	9-1	2013	1973	2083	2023	2.75	cps
Bismuth	209-1	10460839	10330536	10635618	10475664	1.46	cps
Bismuth	209-2	9458221	9369645	9379614	9402494	0.52	cps
Bromine	81-1	15775	16516	16232	16175	2.31	cps
Bromine	81-2	147	213	220	193	20.97	cps
Cadmium	108-1	370	343	313	342	8.28	cps
Cadmium	106-1	5158	5164	5244	5189	0.93	cps
Cadmium	111-1	8209	8242	8363	8271	0.98	cps
Calcium	43-1	26410	26440	26343	26397	0.19	cps
Calcium	44-1	434163	437118	437563	436281	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17937	17754	17183	17625	2.23	cps
Cobalt	59-2	12992	12972	12725	12897	1.15	cps
Copper	63-2	17897	18265	18799	18320	2.47	cps
Dysprosium	156-1	10	17	13	13	25.01	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	63	47	53	54	15.40	cps
Erbium	164-2	50	80	47	59	31.17	cps
Gadolinium	160-1	47	63	87	66	30.65	cps
Gadolinium	160-2	883	850	880	871	2.11	cps
Holmium	165-1	17039615	17248374	17546538	17278176	1.47	cps
Holmium	165-2	13180825	13206351	13164736	13183971	0.16	cps
Indium	115-1	14915742	14704386	14974103	14864744	0.95	cps
Indium	115-2	5752278	5781629	5705695	5746534	0.67	cps
Iron	56-2	397069	395073	397432	396525	0.32	cps
Iron	57-2	11324	10944	11007	11092	1.84	cps
Iron	54-2	24834	23892	23445	24057	2.95	cps
Krypton	83-1	293	277	283	284	2.95	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:36:13	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13767	13637	13747	13717	0.51	cps
Lead	207-1	12432	11955	11698	12029	3.10	cps
Lead	208-1	44030	43697	42784	43504	1.48	cps
Lithium	6-1	1958766	1959462	1890100	1936109	2.06	cps
Magnesium	24-2	331127	330037	329078	330081	0.31	cps
Manganese	55-2	6401	6365	6368	6378	0.32	cps
Molybdenum	94-1	36903	37297	37298	37166	0.61	cps
Molybdenum	95-1	46142	45403	45975	45840	0.85	cps
Molybdenum	96-1	52096	52029	51339	51821	0.81	cps
Molybdenum	97-1	28301	28461	28712	28491	0.73	cps
Molybdenum	98-1	74696	74683	74907	74762	0.17	cps
Neodymium	150-1	3	10	13	9	57.30	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	3737	3874	3814	3808	1.80	cps
Phosphorus	31-2	933	870	873	892	3.99	cps
Potassium	39-2	511011	508184	507222	508805	0.39	cps
Rhodium	103-1	14673111	14622406	14287191	14527570	1.44	cps
Rhodium	103-2	8758008	8867120	8805748	8810292	0.62	cps
Scandium	45-1	8498594	8470818	8630494	8533302	1.00	cps
Scandium	45-2	746000	748242	743588	745943	0.31	cps
Selenium	82-1	2177	2161	2286	2208	3.07	cps
Selenium	77-2	173	153	120	149	18.10	cps
Selenium	78-2	1150	1073	1183	1136	4.97	cps
Silicon	28-1	1268797	1303118	1275688	1282534	1.42	cps
Silver	107-1	23175	23235	23526	23312	0.80	cps
Silver	109-1	22064	22107	21336	21835	1.98	cps
Sodium	23-2	538696	537986	537518	538067	0.11	cps
Strontium	86-1	6351	6478	6728	6519	2.94	cps
Strontium	88-1	51768	51092	51864	51574	0.82	cps
Sulfur	34-1	258705	257583	260352	258880	0.54	cps
Terbium	159-1	18123992	17829212	17684835	17879346	1.25	cps
Terbium	159-2	13147843	13196644	13097051	13147180	0.38	cps
Thallium	203-1	15592	16146	15736	15825	1.82	cps
Thallium	205-1	37789	37966	37278	37678	0.95	cps
Tin	118-1	79756	78965	78315	79012	0.91	cps
Titanium	47-1	11645	12025	11711	11794	1.72	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:36:13	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46086	46083	46581	46250	0.62	cps
Vanadium	51-2	33060	32762	33738	33186	1.51	cps
Yttrium	89-1	18060464	17850641	17889342	17933482	0.62	cps
Yttrium	89-2	5070525	5006556	4964970	5014017	1.06	cps
Zinc	66-2	8316	8239	8352	8302	0.70	cps
Zirconium	90-1	28785	29894	29790	29490	2.08	cps
Zirconium	91-1	6648	6818	6465	6644	2.66	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:39:30	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401342	401145	393854	398780	1.07	cps
Antimony	121-1	872076	883999	873599	876558	0.74	cps
Arsenic	75-2	49843	48639	48114	48866	1.81	cps
Barium	135-1	1082770	1078093	1069266	1076710	0.64	cps
Barium	137-1	1902153	1877165	1849534	1876284	1.40	cps
Beryllium	9-1	95605	98047	95061	96237	1.65	cps
Bismuth	209-1	10592850	11232278	10955769	10926966	2.93	cps
Bismuth	209-2	9407065	9468856	9637184	9504369	1.25	cps
Bromine	81-1	16616	16489	15949	16351	2.17	cps
Bromine	81-2	163	137	173	158	12.01	cps
Cadmium	108-1	17901	17931	17798	17877	0.39	cps
Cadmium	106-1	30325	30285	29426	30012	1.69	cps
Cadmium	111-1	244244	241925	240366	242178	0.81	cps
Calcium	43-1	251193	248692	248696	249527	0.58	cps
Calcium	44-1	3937231	3906905	3873568	3905901	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	358544	355092	354431	356023	0.62	cps
Cobalt	59-2	573113	568040	564593	568582	0.75	cps
Copper	63-2	4278620	4214900	4255551	4249690	0.76	cps
Dysprosium	156-1	37	43	33	38	13.48	cps
Dysprosium	156-2	53	53	67	58	13.33	cps
Erbium	164-1	103	87	133	108	21.94	cps
Erbium	164-2	50	63	50	54	14.14	cps
Gadolinium	160-1	73	100	110	94	20.07	cps
Gadolinium	160-2	867	837	877	860	2.42	cps
Holmium	165-1	17674489	18437352	18004336	18038726	2.12	cps
Holmium	165-2	13384304	13458554	13425156	13422671	0.28	cps
Indium	115-1	14975969	15498765	15226382	15233705	1.72	cps
Indium	115-2	5753021	5755036	5759465	5755841	0.06	cps
Iron	56-2	16863382	16761028	16381787	16668732	1.52	cps
Iron	57-2	439362	434185	434865	436137	0.64	cps
Iron	54-2	958822	954316	945841	952993	0.69	cps
Krypton	83-1	320	340	350	337	4.54	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:39:30	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3206127	3255008	3252396	3237844	0.85	cps
Lead	207-1	2770311	2826265	2838324	2811633	1.29	cps
Lead	208-1	10119057	10335125	10311192	10255125	1.15	cps
Lithium	6-1	1989011	2072452	2022332	2027932	2.07	cps
Magnesium	24-2	3221342	3176044	3158502	3185296	1.02	cps
Manganese	55-2	2860598	2850120	2809261	2839993	0.96	cps
Molybdenum	94-1	3230928	3220611	3205397	3218978	0.40	cps
Molybdenum	95-1	4638731	4619177	4565303	4607737	0.83	cps
Molybdenum	96-1	5086538	5034906	4989314	5036919	0.97	cps
Molybdenum	97-1	2910209	2885820	2852340	2882790	1.01	cps
Molybdenum	98-1	7426081	7419639	7258191	7367970	1.29	cps
Neodymium	150-1	77	57	73	69	15.55	cps
Neodymium	150-2	17	10	20	16	32.73	cps
Nickel	60-2	149136	148301	146551	147996	0.89	cps
Phosphorus	31-2	19783	19926	19402	19704	1.37	cps
Potassium	39-2	2088242	2045551	2060411	2064735	1.05	cps
Rhodium	103-1	14479309	14933549	14603563	14672140	1.60	cps
Rhodium	103-2	8749797	8839662	8751674	8780378	0.58	cps
Scandium	45-1	8729839	8868045	8682247	8760044	1.10	cps
Scandium	45-2	757271	747406	740264	748314	1.14	cps
Selenium	82-1	15525	15564	15405	15498	0.53	cps
Selenium	77-2	1650	1587	1550	1596	3.17	cps
Selenium	78-2	5841	5788	5868	5832	0.70	cps
Silicon	28-1	9465467	9285111	9192654	9314411	1.49	cps
Silver	107-1	1332805	1332755	1312950	1326170	0.86	cps
Silver	109-1	1258954	1265096	1247919	1257323	0.69	cps
Sodium	23-2	5040728	5006063	4979677	5008823	0.61	cps
Strontium	86-1	281416	284343	278513	281424	1.04	cps
Strontium	88-1	2479127	2498586	2445208	2474307	1.09	cps
Sulfur	34-1	321494	312970	312334	315599	1.62	cps
Terbium	159-1	18342913	18917771	18419636	18560107	1.68	cps
Terbium	159-2	13504437	13262908	13104186	13290511	1.52	cps
Thallium	203-1	780797	786583	782770	783383	0.38	cps
Thallium	205-1	1895148	1926140	1889957	1903748	1.03	cps
Tin	118-1	740181	738987	735422	738197	0.34	cps
Titanium	47-1	1127983	1128451	1108946	1121794	0.99	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:39:30	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2417872	2458725	2417819	2431472	0.97	cps
Vanadium	51-2	313558	309813	308534	310635	0.84	cps
Yttrium	89-1	18280215	18713114	18283964	18425764	1.35	cps
Yttrium	89-2	5036144	5061592	5033568	5043768	0.31	cps
Zinc	66-2	722148	715948	714502	717533	0.57	cps
Zirconium	90-1	1572597	1587333	1567354	1575762	0.66	cps
Zirconium	91-1	352297	348834	344667	348599	1.10	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:42:25	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	945233	941281	935213	940575	0.54	cps
Antimony	121-1	2122393	2125194	2117054	2121547	0.19	cps
Arsenic	75-2	114816	114759	114158	114578	0.32	cps
Barium	135-1	2659428	2641500	2642127	2647685	0.38	cps
Barium	137-1	4576512	4514235	4509205	4533318	0.83	cps
Beryllium	9-1	231178	232730	229212	231040	0.76	cps
Bismuth	209-1	10846881	10982617	10742821	10857440	1.11	cps
Bismuth	209-2	9668319	9402820	9437451	9502863	1.52	cps
Bromine	81-1	14554	14884	14247	14562	2.19	cps
Bromine	81-2	163	140	170	158	9.98	cps
Cadmium	108-1	42004	42449	42211	42221	0.53	cps
Cadmium	106-1	64663	63759	63870	64097	0.77	cps
Cadmium	111-1	573850	573152	570167	572390	0.34	cps
Calcium	43-1	592960	589548	584666	589058	0.71	cps
Calcium	44-1	9376200	9281387	9058519	9238702	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	842580	832222	835888	836897	0.63	cps
Cobalt	59-2	1344674	1338427	1337082	1340061	0.30	cps
Copper	63-2	9996532	10018626	9939486	9984881	0.41	cps
Dysprosium	156-1	63	73	80	72	11.62	cps
Dysprosium	156-2	150	180	140	157	13.29	cps
Erbium	164-1	113	120	147	127	13.92	cps
Erbium	164-2	70	100	77	82	19.16	cps
Gadolinium	160-1	93	137	93	108	23.22	cps
Gadolinium	160-2	773	780	817	790	2.95	cps
Holmium	165-1	17898003	17774780	17677940	17783574	0.62	cps
Holmium	165-2	13515457	13373400	13355442	13414766	0.65	cps
Indium	115-1	14880119	14730750	14591641	14734170	0.98	cps
Indium	115-2	5618823	5535602	5601498	5585308	0.79	cps
Iron	56-2	39678937	39407124	39417443	39501168	0.39	cps
Iron	57-2	1034069	1030208	1028540	1030939	0.28	cps
Iron	54-2	2196864	2181499	2132482	2170281	1.55	cps
Krypton	83-1	330	290	257	292	12.57	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:42:25	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7813196	8017073	7969404	7933224	1.34	cps
Lead	207-1	6896657	7040613	6957921	6965064	1.04	cps
Lead	208-1	25075932	25524199	25355122	25318417	0.89	cps
Lithium	6-1	1980954	1968633	1925734	1958441	1.48	cps
Magnesium	24-2	7526576	7587607	7467666	7527283	0.80	cps
Manganese	55-2	6747260	6758914	6696496	6734223	0.49	cps
Molybdenum	94-1	7684931	7680915	7526882	7630909	1.18	cps
Molybdenum	95-1	11000132	10991544	10921181	10970952	0.39	cps
Molybdenum	96-1	12080873	12062606	11952055	12031845	0.58	cps
Molybdenum	97-1	6856802	6920563	6741131	6839499	1.33	cps
Molybdenum	98-1	17710034	17714471	17341436	17588647	1.22	cps
Neodymium	150-1	177	240	183	200	17.40	cps
Neodymium	150-2	53	50	30	44	28.39	cps
Nickel	60-2	344612	345520	343864	344665	0.24	cps
Phosphorus	31-2	44501	45283	43896	44560	1.56	cps
Potassium	39-2	4810317	4758408	4748164	4772296	0.70	cps
Rhodium	103-1	14284981	14032017	13794651	14037216	1.75	cps
Rhodium	103-2	8528098	8457058	8454409	8479855	0.49	cps
Scandium	45-1	8478218	8433233	8158404	8356618	2.07	cps
Scandium	45-2	716260	709599	706882	710913	0.68	cps
Selenium	82-1	35484	35247	34819	35183	0.96	cps
Selenium	77-2	3687	3717	3630	3678	1.20	cps
Selenium	78-2	13103	12622	12889	12871	1.87	cps
Silicon	28-1	20530693	20377896	20106749	20338446	1.06	cps
Silver	107-1	2856299	2806183	2814935	2825805	0.95	cps
Silver	109-1	2703476	2672836	2690928	2689080	0.57	cps
Sodium	23-2	11877180	11832564	11769377	11826374	0.46	cps
Strontium	86-1	667493	668927	657951	664790	0.90	cps
Strontium	88-1	5881097	5826763	5799017	5835625	0.72	cps
Sulfur	34-1	387234	382721	380897	383617	0.85	cps
Terbium	159-1	18634896	18270734	18254830	18386820	1.17	cps
Terbium	159-2	13165306	13089465	13248019	13167596	0.60	cps
Thallium	203-1	1995595	1949873	1936956	1960808	1.57	cps
Thallium	205-1	4725625	4693731	4664897	4694751	0.65	cps
Tin	118-1	1743340	1792789	1750749	1762293	1.51	cps
Titanium	47-1	2644386	2666248	2617708	2642781	0.92	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:42:25	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6019387	6034683	6001049	6018373	0.28	cps
Vanadium	51-2	734016	726064	727347	729143	0.59	cps
Yttrium	89-1	17897427	17772098	17440906	17703477	1.33	cps
Yttrium	89-2	4896713	4820110	4825327	4847383	0.88	cps
Zinc	66-2	1679161	1706220	1677703	1687695	0.95	cps
Zirconium	90-1	3751341	3754812	3673943	3726699	1.23	cps
Zirconium	91-1	832488	830909	829168	830855	0.20	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:45:13	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1872448	1825724	1822156	1840110	1.53	cps
Antimony	121-1	4182139	4148330	4209845	4180104	0.74	cps
Arsenic	75-2	222124	223707	221681	222504	0.48	cps
Barium	135-1	5182418	5223856	5194468	5200247	0.41	cps
Barium	137-1	8862370	8922656	8886783	8890603	0.34	cps
Beryllium	9-1	444048	446259	439038	443115	0.83	cps
Bismuth	209-1	10886820	10760324	10625608	10757584	1.21	cps
Bismuth	209-2	9229727	9328792	9330686	9296401	0.62	cps
Bromine	81-1	13623	13486	13540	13550	0.51	cps
Bromine	81-2	177	157	160	164	6.52	cps
Cadmium	108-1	80954	81695	81685	81445	0.52	cps
Cadmium	106-1	117947	119708	117887	118514	0.87	cps
Cadmium	111-1	1103123	1105019	1100496	1102879	0.21	cps
Calcium	43-1	1136350	1132680	1125262	1131431	0.50	cps
Calcium	44-1	17656780	17553403	17369329	17526504	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1629832	1609365	1608033	1615744	0.76	cps
Cobalt	59-2	2606696	2640513	2599209	2615473	0.84	cps
Copper	63-2	19300686	18874566	19212120	19129124	1.18	cps
Dysprosium	156-1	130	117	163	137	17.59	cps
Dysprosium	156-2	390	343	320	351	10.15	cps
Erbium	164-1	163	163	153	160	3.61	cps
Erbium	164-2	143	130	127	133	6.62	cps
Gadolinium	160-1	117	133	103	118	12.77	cps
Gadolinium	160-2	870	883	843	866	2.35	cps
Holmium	165-1	17624105	17568213	17587238	17593185	0.16	cps
Holmium	165-2	13255456	13083661	13373247	13237455	1.10	cps
Indium	115-1	14473156	14277258	14259150	14336521	0.83	cps
Indium	115-2	5407395	5390727	5479323	5425815	0.87	cps
Iron	56-2	77969937	75862331	76237294	76689854	1.47	cps
Iron	57-2	1955128	1924601	1915798	1931842	1.07	cps
Iron	54-2	4301750	4165989	4201937	4223225	1.67	cps
Krypton	83-1	303	303	283	297	3.89	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:45:13	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15631051	15766892	15582066	15660003	0.61	cps
Lead	207-1	13846770	13735134	13534993	13705632	1.15	cps
Lead	208-1	50550606	50324929	49555068	50143534	1.04	cps
Lithium	6-1	1939941	1955144	1942063	1945716	0.42	cps
Magnesium	24-2	14514869	14323929	14307676	14382158	0.80	cps
Manganese	55-2	13328870	12922088	13015414	13088790	1.63	cps
Molybdenum	94-1	14914471	14927106	14816544	14886040	0.41	cps
Molybdenum	95-1	21302132	21586252	21380197	21422860	0.69	cps
Molybdenum	96-1	23342230	23562708	23197656	23367531	0.79	cps
Molybdenum	97-1	13319388	13444399	13211053	13324946	0.88	cps
Molybdenum	98-1	34446945	34526845	34268044	34413945	0.39	cps
Neodymium	150-1	357	273	330	320	13.30	cps
Neodymium	150-2	80	103	133	106	25.33	cps
Nickel	60-2	663593	659446	656803	659947	0.52	cps
Phosphorus	31-2	86905	85547	84759	85737	1.27	cps
Potassium	39-2	9155420	9191281	9095723	9147475	0.53	cps
Rhodium	103-1	13720383	13660923	13470331	13617213	0.96	cps
Rhodium	103-2	8149916	8119229	8263941	8177695	0.93	cps
Scandium	45-1	8129591	8108430	7934250	8057424	1.33	cps
Scandium	45-2	688891	684745	689774	687803	0.39	cps
Selenium	82-1	66921	67089	67053	67021	0.13	cps
Selenium	77-2	7082	7282	7205	7190	1.40	cps
Selenium	78-2	24197	24457	24257	24303	0.56	cps
Silicon	28-1	37500328	38304423	37591910	37798887	1.16	cps
Silver	107-1	5537136	5481530	5453690	5490785	0.77	cps
Silver	109-1	5227327	5164587	5224222	5205379	0.68	cps
Sodium	23-2	22778731	22831515	22564606	22724950	0.62	cps
Strontium	86-1	1294350	1302030	1286921	1294434	0.58	cps
Strontium	88-1	11495219	11431089	11377962	11434757	0.51	cps
Sulfur	34-1	505064	504350	498133	502516	0.76	cps
Terbium	159-1	18082795	18101572	17964125	18049497	0.41	cps
Terbium	159-2	12975489	13185679	12980352	13047173	0.92	cps
Thallium	203-1	3903001	3879387	3950102	3910830	0.92	cps
Thallium	205-1	9289770	9322586	9243124	9285160	0.43	cps
Tin	118-1	3490472	3492663	3503254	3495463	0.20	cps
Titanium	47-1	5075417	5200549	5075842	5117269	1.41	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:45:13	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11947801	12162108	12030099	12046669	0.90	cps
Vanadium	51-2	1414697	1404273	1416889	1411953	0.48	cps
Yttrium	89-1	17460876	17321918	16957536	17246777	1.51	cps
Yttrium	89-2	4778002	4662943	4796831	4745925	1.53	cps
Zinc	66-2	3276777	3234300	3284519	3265199	0.83	cps
Zirconium	90-1	7307869	7272738	7214384	7264997	0.65	cps
Zirconium	91-1	1607829	1647993	1587921	1614581	1.90	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:47:56	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3542246	3480679	3454165	3492363	1.29	cps
Antimony	121-1	8088961	8176780	8111093	8125611	0.56	cps
Arsenic	75-2	429273	423407	422788	425156	0.84	cps
Barium	135-1	10151899	10254489	10137122	10181170	0.63	cps
Barium	137-1	17267541	17536141	17555616	17453099	0.92	cps
Beryllium	9-1	848952	856099	858182	854411	0.57	cps
Bismuth	209-1	10804549	10592392	10567064	10654669	1.22	cps
Bismuth	209-2	9225814	9114511	9122461	9154262	0.68	cps
Bromine	81-1	12766	12909	12889	12855	0.60	cps
Bromine	81-2	143	120	110	124	13.75	cps
Cadmium	108-1	155278	156500	155072	155617	0.50	cps
Cadmium	106-1	222917	226007	221947	223624	0.95	cps
Cadmium	111-1	2076472	2109228	2111311	2099004	0.93	cps
Calcium	43-1	2089431	2110611	2113165	2104402	0.62	cps
Calcium	44-1	34096164	34401334	34002447	34166648	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3115110	3079692	3061468	3085423	0.88	cps
Cobalt	59-2	4877756	4908529	4889045	4891776	0.32	cps
Copper	63-2	36240612	36217104	36014445	36157387	0.34	cps
Dysprosium	156-1	210	213	227	217	4.07	cps
Dysprosium	156-2	603	620	673	632	5.78	cps
Erbium	164-1	297	297	247	280	10.31	cps
Erbium	164-2	183	173	167	174	4.81	cps
Gadolinium	160-1	230	187	197	204	11.10	cps
Gadolinium	160-2	950	900	907	919	2.95	cps
Holmium	165-1	17883724	17467331	17392204	17581087	1.51	cps
Holmium	165-2	13359407	13098282	13317106	13258265	1.06	cps
Indium	115-1	14336820	13949433	13800123	14028792	1.97	cps
Indium	115-2	5319809	5160453	5165049	5215104	1.74	cps
Iron	56-2	146741544	146195221	145496431	146144399	0.43	cps
Iron	57-2	3708850	3644340	3593323	3648838	1.59	cps
Iron	54-2	8104984	8005263	7918777	8009675	1.16	cps
Krypton	83-1	307	287	267	287	6.98	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:47:56	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	30632987	30762060	31083165	30826071	0.75	cps
Lead	207-1	26800144	27033571	27159437	26997717	0.68	cps
Lead	208-1	97882215	98336034	99479711	98565987	0.84	cps
Lithium	6-1	1953012	1915042	1874982	1914345	2.04	cps
Magnesium	24-2	27603682	27280933	27456508	27447041	0.59	cps
Manganese	55-2	24983900	24774157	24941619	24899892	0.45	cps
Molybdenum	94-1	28556064	29062287	29116172	28911508	1.07	cps
Molybdenum	95-1	41150979	41813788	41782059	41582275	0.90	cps
Molybdenum	96-1	45037383	45680903	45438934	45385740	0.72	cps
Molybdenum	97-1	25794790	25785829	25758996	25779872	0.07	cps
Molybdenum	98-1	67154597	66920946	66671744	66915762	0.36	cps
Neodymium	150-1	657	510	590	586	12.54	cps
Neodymium	150-2	170	203	140	171	18.52	cps
Nickel	60-2	1240084	1238373	1234062	1237507	0.25	cps
Phosphorus	31-2	163205	159589	159309	160701	1.35	cps
Potassium	39-2	17527676	17183152	17079292	17263373	1.36	cps
Rhodium	103-1	13416381	12920699	12977036	13104705	2.07	cps
Rhodium	103-2	8029908	7877494	7866108	7924503	1.15	cps
Scandium	45-1	8007319	7859429	7667760	7844836	2.17	cps
Scandium	45-2	660339	656230	651853	656141	0.65	cps
Selenium	82-1	126006	128206	126009	126740	1.00	cps
Selenium	77-2	13803	13176	13209	13396	2.63	cps
Selenium	78-2	44159	45326	44891	44792	1.32	cps
Silicon	28-1	71538164	71287481	71562672	71462772	0.21	cps
Silver	107-1	10488210	10605079	10518187	10537159	0.58	cps
Silver	109-1	9947876	9961570	9969683	9959710	0.11	cps
Sodium	23-2	43843396	43399076	43236149	43492874	0.72	cps
Strontium	86-1	2547753	2500733	2540775	2529754	1.00	cps
Strontium	88-1	21833484	22176516	22133371	22047790	0.85	cps
Sulfur	34-1	745629	757863	749013	750835	0.84	cps
Terbium	159-1	18242024	18189467	17830226	18087239	1.24	cps
Terbium	159-2	13157456	13017850	12965744	13047017	0.76	cps
Thallium	203-1	7733100	7689392	7702032	7708175	0.29	cps
Thallium	205-1	18286863	18242626	18420094	18316528	0.50	cps
Tin	118-1	6783644	6828948	6800992	6804528	0.34	cps
Titanium	47-1	9811170	9865986	9848687	9841947	0.28	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:47:56	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23974507	24088136	24277568	24113404	0.63	cps
Vanadium	51-2	2758078	2736070	2714268	2736139	0.80	cps
Yttrium	89-1	17121762	16599544	16439947	16720418	2.13	cps
Yttrium	89-2	4661100	4558088	4603065	4607418	1.12	cps
Zinc	66-2	6210076	6144856	6140090	6165007	0.63	cps
Zirconium	90-1	13917261	14183171	14151222	14083885	1.03	cps
Zirconium	91-1	3073064	3164926	3126886	3121626	1.48	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:50:42	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6838347	6742612	6852292	6811084	0.88	cps
Antimony	121-1	15312661	15800594	15963919	15692391	2.16	cps
Arsenic	75-2	829507	822804	826970	826427	0.41	cps
Barium	135-1	19318078	19808423	19866203	19664235	1.53	cps
Barium	137-1	33160870	33982758	33923004	33688877	1.36	cps
Beryllium	9-1	1608522	1690917	1716780	1672073	3.38	cps
Bismuth	209-1	11561399	10128992	10750251	10813547	6.64	cps
Bismuth	209-2	9058589	9034447	9009390	9034142	0.27	cps
Bromine	81-1	12922	12819	12896	12879	0.42	cps
Bromine	81-2	127	83	97	102	21.71	cps
Cadmium	108-1	287363	301146	297155	295221	2.40	cps
Cadmium	106-1	410917	421521	425128	419188	1.76	cps
Cadmium	111-1	3943316	4033013	4125273	4033867	2.26	cps
Calcium	43-1	3992803	4047578	4020197	4020192	0.68	cps
Calcium	44-1	64204639	65699086	65324984	65076236	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5963463	5985122	5958105	5968897	0.24	cps
Cobalt	59-2	9583530	9469687	9528929	9527382	0.60	cps
Copper	63-2	70012019	69662092	69672147	69782086	0.29	cps
Dysprosium	156-1	420	460	497	459	8.36	cps
Dysprosium	156-2	1187	1230	1263	1227	3.13	cps
Erbium	164-1	457	447	427	443	3.45	cps
Erbium	164-2	367	333	370	357	5.69	cps
Gadolinium	160-1	330	313	303	316	4.27	cps
Gadolinium	160-2	957	993	1077	1009	6.10	cps
Holmium	165-1	19144571	16930517	17542630	17872573	6.40	cps
Holmium	165-2	13198154	13145864	13217312	13187110	0.28	cps
Indium	115-1	15024044	13131158	13821014	13992072	6.85	cps
Indium	115-2	5110983	5092614	5056631	5086743	0.54	cps
Iron	56-2	286123276	287368822	284937416	286143171	0.42	cps
Iron	57-2	7183074	7142408	7127933	7151139	0.40	cps
Iron	54-2	15611185	15538573	15557406	15569055	0.24	cps
Krypton	83-1	317	403	323	348	13.87	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:50:42	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	58911639	60284651	61286617	60160969	1.98	cps
Lead	207-1	51624688	53202186	53983151	52936675	2.27	cps
Lead	208-1	189187937	193777617	197764296	193576617	2.22	cps
Lithium	6-1	2019760	1799716	1892435	1903971	5.80	cps
Magnesium	24-2	53561878	53478513	53469168	53503186	0.10	cps
Manganese	55-2	48682469	48605336	48332398	48540068	0.38	cps
Molybdenum	94-1	54328448	56891196	56404024	55874556	2.44	cps
Molybdenum	95-1	77771842	81918045	80716469	80135452	2.66	cps
Molybdenum	96-1	85434009	89438439	88894939	87922462	2.47	cps
Molybdenum	97-1	48978069	50860504	50912318	50250297	2.19	cps
Molybdenum	98-1	126458728	131238045	131420138	129705637	2.17	cps
Neodymium	150-1	1153	1103	1290	1182	8.17	cps
Neodymium	150-2	377	343	357	359	4.68	cps
Nickel	60-2	2458258	2463694	2441537	2454496	0.47	cps
Phosphorus	31-2	308679	310614	311130	310141	0.42	cps
Potassium	39-2	33699002	33652877	33494085	33615321	0.32	cps
Rhodium	103-1	14118637	12319344	12988107	13142029	6.92	cps
Rhodium	103-2	7735380	7649953	7697360	7694231	0.56	cps
Scandium	45-1	8579917	7310992	7778064	7889658	8.13	cps
Scandium	45-2	649357	649304	648128	648930	0.11	cps
Selenium	82-1	233125	237994	239345	236822	1.38	cps
Selenium	77-2	25973	25990	25225	25729	1.70	cps
Selenium	78-2	85733	86115	85337	85728	0.45	cps
Silicon	28-1	129870988	133102841	131952095	131641975	1.24	cps
Silver	107-1	19527662	20032194	20000963	19853607	1.42	cps
Silver	109-1	18443151	19061048	19113198	18872466	1.97	cps
Sodium	23-2	84629164	84226837	84270904	84375635	0.26	cps
Strontium	86-1	4697251	4894257	4931045	4840851	2.60	cps
Strontium	88-1	41206376	43304679	43171536	42560864	2.76	cps
Sulfur	34-1	1308238	1340912	1297755	1315635	1.71	cps
Terbium	159-1	19821733	17305033	18206536	18444434	6.91	cps
Terbium	159-2	12972203	12887763	12930969	12930311	0.33	cps
Thallium	203-1	14641171	15085222	15218073	14981489	2.02	cps
Thallium	205-1	35381009	36120238	36239789	35913678	1.30	cps
Tin	118-1	12787770	13067988	13300091	13051950	1.97	cps
Titanium	47-1	18566086	18829981	19054316	18816794	1.30	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:50:42	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46403801	48823328	48160201	47795777	2.62	cps
Vanadium	51-2	5270573	5280976	5208874	5253475	0.74	cps
Yttrium	89-1	18174888	15995164	16772459	16980837	6.51	cps
Yttrium	89-2	4565342	4526707	4536504	4542851	0.44	cps
Zinc	66-2	11899972	11837263	11772731	11836656	0.54	cps
Zirconium	90-1	26375485	27842960	27629052	27282499	2.91	cps
Zirconium	91-1	5792294	6128370	6159837	6026834	3.38	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:53:26	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34511006	34989383	35325774	34942054	1.17	cps
Antimony	121-1	10387	9373	8673	9478	9.10	cps
Arsenic	75-2	503	527	513	514	2.28	cps
Barium	135-1	10828	10287	9437	10184	6.89	cps
Barium	137-1	19300	17130	16032	17488	9.51	cps
Beryllium	9-1	670	537	437	548	21.37	cps
Bismuth	209-1	9463737	9099464	9136405	9233202	2.17	cps
Bismuth	209-2	7962900	7979404	7929830	7957378	0.32	cps
Bromine	81-1	13716	13770	14020	13835	1.17	cps
Bromine	81-2	207	207	193	202	3.81	cps
Cadmium	108-1	210	183	183	192	8.01	cps
Cadmium	106-1	4631	4034	4194	4286	7.21	cps
Cadmium	111-1	4338	3762	3727	3943	8.70	cps
Calcium	43-1	18952088	19369363	19532324	19284592	1.55	cps
Calcium	44-1	307584355	316103022	317888415	313858598	1.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9957	10063	10197	10072	1.19	cps
Cobalt	59-2	26220	26176	26006	26134	0.43	cps
Copper	63-2	15415	15441	14701	15186	2.77	cps
Dysprosium	156-1	567	510	660	579	13.08	cps
Dysprosium	156-2	493	533	453	493	8.11	cps
Erbium	164-1	683	650	633	656	3.88	cps
Erbium	164-2	603	463	457	508	16.31	cps
Gadolinium	160-1	610	620	627	619	1.36	cps
Gadolinium	160-2	1270	1107	1213	1197	6.93	cps
Holmium	165-1	17017864	16549009	16469726	16678867	1.78	cps
Holmium	165-2	12581389	12533351	12451189	12521976	0.53	cps
Indium	115-1	12993119	12672254	12574148	12746507	1.72	cps
Indium	115-2	4952580	5021214	4928468	4967421	0.97	cps
Iron	56-2	1390154539	1405663819	1407680512	1401166290	0.68	cps
Iron	57-2	35335334	35313279	35312730	35320448	0.04	cps
Iron	54-2	75585252	75626542	75679086	75630293	0.06	cps
Krypton	83-1	303	323	327	318	3.97	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:53:26	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19227	16543	14251	16674	14.94	cps
Lead	207-1	16580	14171	12216	14322	15.26	cps
Lead	208-1	61090	52251	44534	52625	15.74	cps
Lithium	6-1	1792227	1743125	1763524	1766292	1.40	cps
Magnesium	24-2	258738476	260351383	260125296	259738385	0.34	cps
Manganese	55-2	25048	25161	24677	24962	1.01	cps
Molybdenum	94-1	21613	18649	16686	18983	13.07	cps
Molybdenum	95-1	23756	20144	16696	20199	17.48	cps
Molybdenum	96-1	39463	34380	30802	34882	12.48	cps
Molybdenum	97-1	14978	12592	10424	12665	17.99	cps
Molybdenum	98-1	37809	31885	25970	31888	18.56	cps
Neodymium	150-1	283	340	343	322	10.46	cps
Neodymium	150-2	210	180	220	203	10.24	cps
Nickel	60-2	7822	7815	8102	7913	2.07	cps
Phosphorus	31-2	333	367	347	349	4.81	cps
Potassium	39-2	170547721	172706084	173496751	172250185	0.89	cps
Rhodium	103-1	11723972	11383372	11301874	11469739	1.95	cps
Rhodium	103-2	7104655	7050388	7141183	7098742	0.64	cps
Scandium	45-1	7504441	7277666	7216916	7333007	2.07	cps
Scandium	45-2	646047	652771	656346	651722	0.80	cps
Selenium	82-1	932	822	811	855	7.85	cps
Selenium	77-2	17	13	10	13	25.01	cps
Selenium	78-2	530	447	487	488	8.54	cps
Silicon	28-1	900183	882037	871759	884660	1.63	cps
Silver	107-1	6435	5111	4447	5331	18.98	cps
Silver	109-1	6151	5018	4064	5078	20.58	cps
Sodium	23-2	418494740	419887647	422916780	420433056	0.54	cps
Strontium	86-1	14581	14914	15175	14890	2.00	cps
Strontium	88-1	128042	129023	128545	128537	0.38	cps
Sulfur	34-1	187242	192803	196853	192300	2.51	cps
Terbium	159-1	17467773	16758040	16705314	16977043	2.51	cps
Terbium	159-2	12304887	12188451	12256536	12249958	0.48	cps
Thallium	203-1	3877	2924	2190	2997	28.23	cps
Thallium	205-1	8860	6905	5378	7048	24.76	cps
Tin	118-1	8202	7892	7686	7927	3.28	cps
Titanium	47-1	5221	4644	3707	4524	16.89	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:53:26	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11355	9223	7045	9208	23.40	cps
Vanadium	51-2	1233	1327	1247	1269	3.98	cps
Yttrium	89-1	15950642	15455665	15619810	15675372	1.61	cps
Yttrium	89-2	4450283	4463096	4504552	4472644	0.63	cps
Zinc	66-2	6558	6308	6101	6323	3.62	cps
Zirconium	90-1	20544	19153	18755	19484	4.82	cps
Zirconium	91-1	4524	4441	4054	4340	5.78	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:57:57	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	171516	173221	172831	172523	0.52	cps
Antimony	121-1	3235927	3255145	3262741	3251271	0.43	cps
Arsenic	75-2	179242	178732	179005	178993	0.14	cps
Barium	135-1	394015	398088	405435	399179	1.45	cps
Barium	137-1	684925	695150	696997	692357	0.94	cps
Beryllium	9-1	179662	180572	181081	180438	0.40	cps
Bismuth	209-1	10597658	10797682	10711999	10702446	0.94	cps
Bismuth	209-2	9505548	8964623	8793736	9087969	4.09	cps
Bromine	81-1	13176	13169	13440	13262	1.16	cps
Bromine	81-2	170	187	197	184	7.30	cps
Cadmium	108-1	27633	27690	29046	28123	2.84	cps
Cadmium	106-1	41980	42034	42733	42249	0.99	cps
Cadmium	111-1	422687	430629	435199	429505	1.47	cps
Calcium	43-1	83551	85026	86387	84988	1.67	cps
Calcium	44-1	1344570	1350866	1352680	1349372	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	654692	657759	661044	657832	0.48	cps
Cobalt	59-2	1048802	1049410	1059188	1052467	0.55	cps
Copper	63-2	735586	737268	739920	737591	0.30	cps
Dysprosium	156-1	33	7	10	17	87.16	cps
Dysprosium	156-2	17	17	30	21	36.45	cps
Erbium	164-1	73	60	63	66	10.58	cps
Erbium	164-2	47	43	83	58	38.41	cps
Gadolinium	160-1	77	70	63	70	9.53	cps
Gadolinium	160-2	787	647	773	736	10.50	cps
Holmium	165-1	16821477	17104124	16776279	16900626	1.05	cps
Holmium	165-2	13155090	12432011	12333589	12640230	3.55	cps
Indium	115-1	13894904	14020176	13911956	13942345	0.49	cps
Indium	115-2	5520301	5199034	5126223	5281853	3.97	cps
Iron	56-2	12077641	12053245	12300521	12143802	1.12	cps
Iron	57-2	314290	314981	316492	315255	0.36	cps
Iron	54-2	701559	704760	711231	705850	0.70	cps
Krypton	83-1	267	240	297	268	10.59	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:57:57	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2658271	2698501	2673058	2676610	0.76	cps
Lead	207-1	2221322	2259026	2260099	2246815	0.98	cps
Lead	208-1	8239618	8323845	8325554	8296339	0.59	cps
Lithium	6-1	1914913	1962290	1931616	1936273	1.24	cps
Magnesium	24-2	643061	644682	653838	647194	0.90	cps
Manganese	55-2	518905	518400	523387	520230	0.53	cps
Molybdenum	94-1	1460	1283	1280	1341	7.68	cps
Molybdenum	95-1	1510	1243	1210	1321	12.45	cps
Molybdenum	96-1	1823	1677	1660	1720	5.23	cps
Molybdenum	97-1	900	743	807	817	9.65	cps
Molybdenum	98-1	2340	2084	2094	2172	6.69	cps
Neodymium	150-1	27	37	17	27	37.50	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	293138	294314	298031	295161	0.87	cps
Phosphorus	31-2	287	247	283	272	8.15	cps
Potassium	39-2	1456144	1455842	1483647	1465211	1.09	cps
Rhodium	103-1	13065252	13165961	13273617	13168277	0.79	cps
Rhodium	103-2	8395984	7915866	7755855	8022568	4.15	cps
Scandium	45-1	7634911	7704687	7734859	7691486	0.67	cps
Scandium	45-2	677785	650591	626303	651560	3.95	cps
Selenium	82-1	50836	51508	52196	51513	1.32	cps
Selenium	77-2	5871	5875	5918	5888	0.44	cps
Selenium	78-2	19533	19940	19423	19632	1.39	cps
Silicon	28-1	743126	748472	747081	746226	0.37	cps
Silver	107-1	1015087	1039255	1040489	1031611	1.39	cps
Silver	109-1	976264	987872	986666	983601	0.65	cps
Sodium	23-2	1801915	1815822	1859937	1825891	1.66	cps
Strontium	86-1	1687	1813	1713	1738	3.84	cps
Strontium	88-1	11575	11601	11364	11513	1.13	cps
Sulfur	34-1	217136	217512	218006	217551	0.20	cps
Terbium	159-1	17221063	17491902	17498849	17403938	0.91	cps
Terbium	159-2	13214877	12417249	12205069	12612398	4.22	cps
Thallium	203-1	3238018	3226378	3243182	3235859	0.27	cps
Thallium	205-1	7689374	7783022	7735349	7735915	0.61	cps
Tin	118-1	3767	3764	3817	3783	0.79	cps
Titanium	47-1	320	347	363	343	6.37	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 13:57:57	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	437	350	463	417	14.22	cps
Vanadium	51-2	550042	551937	556647	552876	0.62	cps
Yttrium	89-1	16094753	16372898	16469780	16312477	1.19	cps
Yttrium	89-2	4719347	4450951	4379239	4516513	3.97	cps
Zinc	66-2	253670	256841	256295	255602	0.66	cps
Zirconium	90-1	1730	1820	1663	1738	4.52	cps
Zirconium	91-1	650	563	643	619	7.79	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:01:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	353	397	413	388	7.99	cps
Antimony	121-1	1523	1430	1273	1409	8.97	cps
Arsenic	75-2	30	20	20	23	24.74	cps
Barium	135-1	53	107	103	88	34.04	cps
Barium	137-1	183	150	150	161	11.95	cps
Beryllium	9-1	100	80	110	97	15.80	cps
Bismuth	209-1	10622528	10466771	10408705	10499335	1.05	cps
Bismuth	209-2	9391581	9527567	9431873	9450341	0.74	cps
Bromine	81-1	13116	13386	13359	13287	1.12	cps
Bromine	81-2	150	153	140	148	4.70	cps
Cadmium	108-1	27	27	13	22	34.66	cps
Cadmium	106-1	4067	3967	3997	4011	1.28	cps
Cadmium	111-1	2932	2862	2859	2884	1.43	cps
Calcium	43-1	630	587	620	612	3.71	cps
Calcium	44-1	22334	22057	21516	21969	1.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2187	2250	2120	2186	2.97	cps
Cobalt	59-2	253	243	343	280	19.67	cps
Copper	63-2	1293	1367	1373	1345	3.30	cps
Dysprosium	156-1	0	13	7	7	99.98	cps
Dysprosium	156-2	0	13	10	8	89.21	cps
Erbium	164-1	60	70	63	64	7.90	cps
Erbium	164-2	53	60	60	58	6.67	cps
Gadolinium	160-1	67	90	63	73	19.81	cps
Gadolinium	160-2	770	770	840	793	5.09	cps
Holmium	165-1	16883813	17076731	16861738	16940760	0.70	cps
Holmium	165-2	13263120	13189175	13135874	13196056	0.48	cps
Indium	115-1	13988338	13957254	13948553	13964715	0.15	cps
Indium	115-2	5507094	5459270	5521010	5495791	0.59	cps
Iron	56-2	31583	30899	30090	30857	2.42	cps
Iron	57-2	1600	1397	1377	1458	8.48	cps
Iron	54-2	3527	3294	3484	3435	3.61	cps
Krypton	83-1	270	303	273	282	6.50	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:01:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2017	1887	1823	1909	5.16	cps
Lead	207-1	1697	1617	1487	1600	6.62	cps
Lead	208-1	6127	5978	5699	5935	3.67	cps
Lithium	6-1	1920002	1893378	1905121	1906167	0.70	cps
Magnesium	24-2	2027	1803	1933	1921	5.84	cps
Manganese	55-2	430	430	457	439	3.51	cps
Molybdenum	94-1	603	597	563	588	3.65	cps
Molybdenum	95-1	543	397	453	464	15.92	cps
Molybdenum	96-1	583	653	553	597	8.60	cps
Molybdenum	97-1	290	280	253	274	6.91	cps
Molybdenum	98-1	750	823	700	758	8.19	cps
Neodymium	150-1	0	10	7	6	91.64	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	707	597	680	661	8.68	cps
Phosphorus	31-2	267	267	273	269	1.43	cps
Potassium	39-2	64128	64422	66110	64886	1.65	cps
Rhodium	103-1	13294513	13341726	13200542	13278927	0.54	cps
Rhodium	103-2	8439163	8470042	8527940	8479048	0.53	cps
Scandium	45-1	7803920	7770777	7859401	7811366	0.57	cps
Scandium	45-2	685389	683044	688222	685551	0.38	cps
Selenium	82-1	662	630	667	653	3.10	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	587	517	550	551	6.35	cps
Silicon	28-1	760366	771437	773468	768424	0.92	cps
Silver	107-1	620	713	527	620	15.05	cps
Silver	109-1	750	547	610	636	16.37	cps
Sodium	23-2	57641	57587	57587	57605	0.05	cps
Strontium	86-1	470	490	440	467	5.39	cps
Strontium	88-1	413	360	377	383	7.12	cps
Sulfur	34-1	220920	224058	224504	223161	0.88	cps
Terbium	159-1	17266146	17173350	17436285	17291927	0.77	cps
Terbium	159-2	12903554	12936226	12905507	12915096	0.14	cps
Thallium	203-1	790	807	863	820	4.69	cps
Thallium	205-1	2174	1900	1717	1930	11.91	cps
Tin	118-1	3484	3584	3584	3550	1.63	cps
Titanium	47-1	180	160	107	149	25.46	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:01:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	80	73	53	69	20.15	cps
Vanadium	51-2	63	57	63	61	6.29	cps
Yttrium	89-1	16595811	16591963	16765319	16651031	0.59	cps
Yttrium	89-2	4780513	4802716	4758570	4780600	0.46	cps
Zinc	66-2	830	800	773	801	3.54	cps
Zirconium	90-1	927	970	1003	967	3.98	cps
Zirconium	91-1	207	217	230	218	5.38	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:04:46	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31959496	32179200	32252653	32130450	0.47	cps
Antimony	121-1	23877	25186	25403	24822	3.33	cps
Arsenic	75-2	263	310	350	308	14.09	cps
Barium	135-1	5738	5961	6041	5914	2.66	cps
Barium	137-1	10120	10257	10701	10359	2.93	cps
Beryllium	9-1	623	540	553	572	7.82	cps
Bismuth	209-1	10126370	10155423	10216985	10166260	0.46	cps
Bismuth	209-2	8940065	9064250	8921709	8975341	0.86	cps
Bromine	81-1	14033	15021	15258	14771	4.40	cps
Bromine	81-2	267	290	297	284	5.54	cps
Cadmium	108-1	2757	2874	2614	2748	4.74	cps
Cadmium	106-1	4157	4041	4174	4124	1.76	cps
Cadmium	111-1	4717	4527	4556	4600	2.23	cps
Calcium	43-1	4043079	4079511	4090317	4070969	0.61	cps
Calcium	44-1	65581612	66210052	67056617	66282761	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128566	129981	130055	129534	0.65	cps
Cobalt	59-2	12442	12685	12512	12546	1.00	cps
Copper	63-2	55379	54736	54940	55018	0.60	cps
Dysprosium	156-1	57	70	103	77	31.35	cps
Dysprosium	156-2	67	47	60	58	17.62	cps
Erbium	164-1	127	137	117	127	7.89	cps
Erbium	164-2	103	113	107	108	4.72	cps
Gadolinium	160-1	167	130	153	150	12.37	cps
Gadolinium	160-2	870	787	880	846	6.06	cps
Holmium	165-1	17329411	17614936	17520003	17488117	0.83	cps
Holmium	165-2	13290361	13384494	13169540	13281465	0.81	cps
Indium	115-1	13809964	13812672	13842075	13821570	0.13	cps
Indium	115-2	5265194	5314262	5215472	5264976	0.94	cps
Iron	56-2	585896338	591111071	590003751	589003720	0.47	cps
Iron	57-2	14712544	14680081	14695078	14695901	0.11	cps
Iron	54-2	31790590	31961615	31665310	31805838	0.47	cps
Krypton	83-1	247	317	307	290	13.05	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:04:46	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	83726	72016	67711	74484	11.13	cps
Lead	207-1	67755	56788	53411	59318	12.64	cps
Lead	208-1	251725	212818	199284	221276	12.30	cps
Lithium	6-1	1826587	1811084	1790674	1809448	1.00	cps
Magnesium	24-2	52026779	52171433	52280416	52159543	0.24	cps
Manganese	55-2	41303	40190	40417	40637	1.45	cps
Molybdenum	94-1	8888059	9258548	9171035	9105881	2.13	cps
Molybdenum	95-1	15722484	16195877	16147199	16021853	1.63	cps
Molybdenum	96-1	16933967	17466421	17377386	17259258	1.65	cps
Molybdenum	97-1	9992725	10131735	10071962	10065474	0.69	cps
Molybdenum	98-1	25841989	26067577	25977996	25962521	0.44	cps
Neodymium	150-1	47	93	93	78	34.64	cps
Neodymium	150-2	20	50	60	43	48.04	cps
Nickel	60-2	14307	13786	14467	14187	2.51	cps
Phosphorus	31-2	1631831	1624163	1621897	1625964	0.32	cps
Potassium	39-2	69028839	68708146	69514637	69083874	0.59	cps
Rhodium	103-1	12580239	12778146	12608539	12655641	0.85	cps
Rhodium	103-2	7881565	7951183	7883635	7905461	0.50	cps
Scandium	45-1	7631898	7635654	7704701	7657418	0.54	cps
Scandium	45-2	668239	667019	671612	668957	0.36	cps
Selenium	82-1	713	617	631	653	7.94	cps
Selenium	77-2	17	10	0	9	94.38	cps
Selenium	78-2	483	503	487	491	2.18	cps
Silicon	28-1	838370	841005	842082	840486	0.23	cps
Silver	107-1	1913	1670	1383	1656	16.03	cps
Silver	109-1	1853	1503	1360	1572	16.14	cps
Sodium	23-2	85200879	85899765	85816465	85639037	0.45	cps
Strontium	86-1	170228	174025	174952	173069	1.45	cps
Strontium	88-1	1496186	1532583	1533399	1520722	1.40	cps
Sulfur	34-1	5595878	5610572	5617247	5607899	0.19	cps
Terbium	159-1	17633368	18033750	17807168	17824762	1.13	cps
Terbium	159-2	13028966	13107397	13145759	13094040	0.45	cps
Thallium	203-1	4414	4878	4751	4681	5.12	cps
Thallium	205-1	10951	11195	10944	11030	1.29	cps
Tin	118-1	7949	7702	7165	7605	5.27	cps
Titanium	47-1	3845592	3913074	3913938	3890868	1.01	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:04:46	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	757	877	877	837	8.28	cps
Vanadium	51-2	1120	1137	1050	1102	4.17	cps
Yttrium	89-1	16433068	16607679	16579378	16540042	0.57	cps
Yttrium	89-2	4655460	4755081	4622073	4677538	1.48	cps
Zinc	66-2	14214	14697	14527	14479	1.69	cps
Zirconium	90-1	1460	1537	1553	1517	3.28	cps
Zirconium	91-1	350	270	373	331	16.37	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:07:47	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32793612	32970182	33029028	32930941	0.37	cps
Antimony	121-1	358824	363237	363755	361938	0.75	cps
Arsenic	75-2	17771	17754	18201	17909	1.42	cps
Barium	135-1	88818	89670	90257	89582	0.81	cps
Barium	137-1	152548	155880	154687	154372	1.09	cps
Beryllium	9-1	32871	33680	33289	33280	1.21	cps
Bismuth	209-1	10671228	10467104	10588354	10575562	0.97	cps
Bismuth	209-2	9115906	9211578	9148830	9158771	0.53	cps
Bromine	81-1	15411	16950	16936	16433	5.38	cps
Bromine	81-2	510	537	540	529	3.11	cps
Cadmium	108-1	8082	8406	8276	8255	1.97	cps
Cadmium	106-1	12192	11945	11545	11894	2.75	cps
Cadmium	111-1	88441	89631	89609	89227	0.76	cps
Calcium	43-1	4229449	4312929	4286737	4276372	1.00	cps
Calcium	44-1	68737349	69527336	69856364	69373683	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259097	261047	262990	261044	0.75	cps
Cobalt	59-2	217368	212648	216339	215452	1.15	cps
Copper	63-2	206213	197800	197981	200664	2.40	cps
Dysprosium	156-1	60	90	53	68	28.82	cps
Dysprosium	156-2	73	57	47	59	22.87	cps
Erbium	164-1	100	110	110	107	5.41	cps
Erbium	164-2	93	113	87	98	14.19	cps
Gadolinium	160-1	110	117	117	114	3.36	cps
Gadolinium	160-2	763	733	843	780	7.29	cps
Holmium	165-1	18411160	18132821	18208463	18250814	0.79	cps
Holmium	165-2	13491666	13538333	13603566	13544522	0.41	cps
Indium	115-1	14609895	14443384	14521512	14524930	0.57	cps
Indium	115-2	5411019	5428306	5425965	5421763	0.17	cps
Iron	56-2	608988631	610042511	611008871	610013338	0.17	cps
Iron	57-2	15056700	15303669	15126746	15162371	0.84	cps
Iron	54-2	32934639	32980277	33135889	33016935	0.32	cps
Krypton	83-1	277	267	310	284	7.98	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:07:47	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	316213	315863	318151	316742	0.39	cps
Lead	207-1	260918	262614	265094	262875	0.80	cps
Lead	208-1	959810	963087	969338	964078	0.50	cps
Lithium	6-1	1833626	1783217	1797049	1804630	1.44	cps
Magnesium	24-2	53253489	53104499	53499819	53285936	0.37	cps
Manganese	55-2	143782	142557	144125	143488	0.57	cps
Molybdenum	94-1	9524205	9697321	9700325	9640617	1.05	cps
Molybdenum	95-1	16796996	17069136	17064366	16976833	0.92	cps
Molybdenum	96-1	18180409	18285266	18290533	18252069	0.34	cps
Molybdenum	97-1	10505107	10692844	10565865	10587939	0.90	cps
Molybdenum	98-1	26863033	27515365	27197400	27191933	1.20	cps
Neodymium	150-1	73	113	143	110	31.93	cps
Neodymium	150-2	73	67	77	72	7.05	cps
Nickel	60-2	66778	65552	66657	66329	1.02	cps
Phosphorus	31-2	1642146	1653191	1663179	1652838	0.64	cps
Potassium	39-2	71233839	71165924	71383876	71261213	0.16	cps
Rhodium	103-1	13387080	13274424	13108501	13256668	1.06	cps
Rhodium	103-2	8118510	8090999	8158319	8122610	0.42	cps
Scandium	45-1	8037029	7922675	7842809	7934171	1.23	cps
Scandium	45-2	681066	683264	686143	683491	0.37	cps
Selenium	82-1	5798	5763	5681	5747	1.04	cps
Selenium	77-2	483	593	450	509	14.74	cps
Selenium	78-2	2244	2274	2440	2319	4.57	cps
Silicon	28-1	881991	887464	886811	885422	0.34	cps
Silver	107-1	399446	405911	407643	404333	1.07	cps
Silver	109-1	378390	387865	388270	384842	1.45	cps
Sodium	23-2	88024022	88214082	88320295	88186133	0.17	cps
Strontium	86-1	182466	184074	184504	183681	0.58	cps
Strontium	88-1	1594487	1628651	1632934	1618691	1.30	cps
Sulfur	34-1	5708027	5748777	5930727	5795844	2.05	cps
Terbium	159-1	18668337	18887333	18680974	18745548	0.66	cps
Terbium	159-2	13384114	13293646	13415321	13364360	0.47	cps
Thallium	203-1	310674	315558	319492	315241	1.40	cps
Thallium	205-1	744177	755861	758305	752781	1.00	cps
Tin	118-1	5741	5698	5501	5647	2.27	cps
Titanium	47-1	4033332	4087822	4052870	4058008	0.68	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:07:47	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	790	860	897	849	6.38	cps
Vanadium	51-2	111464	112183	112505	112051	0.48	cps
Yttrium	89-1	17482053	17542353	17408971	17477792	0.38	cps
Yttrium	89-2	4785957	4808291	4857442	4817230	0.76	cps
Zinc	66-2	41002	39459	40017	40159	1.95	cps
Zirconium	90-1	1417	1493	1443	1451	2.68	cps
Zirconium	91-1	343	283	367	331	12.98	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:24:20	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18240357	18356097	18037939	18211464	0.88	cps
Antimony	121-1	8062438	8191899	8013528	8089288	1.14	cps
Arsenic	75-2	434235	431886	432516	432879	0.28	cps
Barium	135-1	10255779	10370400	10141746	10255975	1.11	cps
Barium	137-1	17754698	17635249	17513865	17634604	0.68	cps
Beryllium	9-1	805441	817223	809647	810770	0.74	cps
Bismuth	209-1	10271867	10353741	10177463	10267690	0.86	cps
Bismuth	209-2	8813986	8786327	8731570	8777294	0.48	cps
Bromine	81-1	14544	14240	14340	14375	1.08	cps
Bromine	81-2	143	163	160	156	6.89	cps
Cadmium	108-1	153953	153492	153132	153526	0.27	cps
Cadmium	106-1	219307	219888	218694	219296	0.27	cps
Cadmium	111-1	2083030	2107456	2045346	2078611	1.51	cps
Calcium	43-1	10426042	10442413	10409022	10425826	0.16	cps
Calcium	44-1	170006697	170535851	170309824	170284124	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3163484	3113112	3164393	3146996	0.93	cps
Cobalt	59-2	5022157	4935862	5044258	5000759	1.15	cps
Copper	63-2	35854424	35494954	35446930	35598769	0.63	cps
Dysprosium	156-1	460	413	500	458	9.48	cps
Dysprosium	156-2	927	790	780	832	9.85	cps
Erbium	164-1	567	603	577	582	3.26	cps
Erbium	164-2	450	410	377	412	8.91	cps
Gadolinium	160-1	433	490	420	448	8.30	cps
Gadolinium	160-2	1043	1033	1070	1049	1.81	cps
Holmium	165-1	18182899	17720240	17937539	17946893	1.29	cps
Holmium	165-2	13386248	13368157	13192987	13315798	0.80	cps
Indium	115-1	13959948	13940696	13785710	13895451	0.69	cps
Indium	115-2	5285843	5230825	5216861	5244510	0.70	cps
Iron	56-2	747025082	736584469	737471909	740360487	0.78	cps
Iron	57-2	18533454	18394850	18433983	18454096	0.39	cps
Iron	54-2	40459279	40193629	40045937	40232948	0.52	cps
Krypton	83-1	323	287	270	293	9.30	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:24:20	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	30318524	30615022	30233714	30389086	0.66	cps
Lead	207-1	26509858	26909009	26573998	26664288	0.80	cps
Lead	208-1	97086170	97918069	96863871	97289370	0.57	cps
Lithium	6-1	1875636	1802009	1871618	1849754	2.24	cps
Magnesium	24-2	136135608	135913075	134228898	135425860	0.77	cps
Manganese	55-2	25456585	25128951	25110395	25231977	0.77	cps
Molybdenum	94-1	29444839	29486647	29255203	29395563	0.42	cps
Molybdenum	95-1	42157192	42283741	41963647	42134860	0.38	cps
Molybdenum	96-1	46317094	46130901	46106343	46184779	0.25	cps
Molybdenum	97-1	26285230	26289052	26342506	26305596	0.12	cps
Molybdenum	98-1	67793091	68069284	68309724	68057366	0.38	cps
Neodymium	150-1	870	713	760	781	10.30	cps
Neodymium	150-2	313	303	313	310	1.86	cps
Nickel	60-2	1375297	1370293	1373420	1373004	0.18	cps
Phosphorus	31-2	162953	164284	162560	163266	0.55	cps
Potassium	39-2	89979245	89618629	88860259	89486044	0.64	cps
Rhodium	103-1	12892979	12807183	12560483	12753548	1.35	cps
Rhodium	103-2	7739696	7833351	7727502	7766850	0.75	cps
Scandium	45-1	8151944	7973924	7933970	8019946	1.45	cps
Scandium	45-2	685786	686034	678827	683549	0.60	cps
Selenium	82-1	121973	123033	123046	122684	0.50	cps
Selenium	77-2	13179	13183	12672	13011	2.26	cps
Selenium	78-2	43975	44233	44132	44113	0.29	cps
Silicon	28-1	71618517	71349476	70741714	71236569	0.63	cps
Silver	107-1	10378637	10318110	10236801	10311183	0.69	cps
Silver	109-1	9808315	9880332	9789170	9825939	0.49	cps
Sodium	23-2	215981983	216873537	214805723	215887081	0.48	cps
Strontium	86-1	2576137	2587108	2586940	2583395	0.24	cps
Strontium	88-1	22653597	22796301	22583562	22677820	0.48	cps
Sulfur	34-1	740213	739401	732640	737418	0.56	cps
Terbium	159-1	18472249	18337374	18125645	18311756	0.95	cps
Terbium	159-2	13155354	13215478	12947680	13106171	1.07	cps
Thallium	203-1	7526786	7516582	7568036	7537135	0.36	cps
Thallium	205-1	18092023	18121842	18011534	18075133	0.32	cps
Tin	118-1	6738561	6876150	6746924	6787211	1.14	cps
Titanium	47-1	9873127	9894166	9860659	9875984	0.17	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:24:20	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24326930	24596951	24443438	24455773	0.55	cps
Vanadium	51-2	2804422	2807821	2817711	2809985	0.25	cps
Yttrium	89-1	17287130	17170962	16948847	17135646	1.00	cps
Yttrium	89-2	4767422	4755391	4731329	4751381	0.39	cps
Zinc	66-2	6251503	6308328	6272767	6277533	0.46	cps
Zirconium	90-1	14457101	14532957	14402878	14464312	0.45	cps
Zirconium	91-1	3240749	3208414	3193934	3214366	0.75	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:27:00	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	873	840	843	852	2.15	cps
Antimony	121-1	4437	3877	3420	3912	13.02	cps
Arsenic	75-2	33	27	20	27	24.99	cps
Barium	135-1	1157	890	553	867	34.89	cps
Barium	137-1	1933	1383	963	1427	34.10	cps
Beryllium	9-1	257	227	247	243	6.28	cps
Bismuth	209-1	11205118	11175191	10970817	11117042	1.15	cps
Bismuth	209-2	9714001	9667965	9655998	9679321	0.32	cps
Bromine	81-1	14367	14110	13813	14097	1.97	cps
Bromine	81-2	177	230	237	214	15.33	cps
Cadmium	108-1	33	37	37	36	5.42	cps
Cadmium	106-1	4507	4184	4504	4398	4.22	cps
Cadmium	111-1	3482	3240	3324	3348	3.67	cps
Calcium	43-1	1633	1113	1047	1265	25.40	cps
Calcium	44-1	37751	31908	28858	32839	13.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3014	2947	2970	2977	1.14	cps
Cobalt	59-2	450	463	337	417	16.71	cps
Copper	63-2	3037	2757	2744	2846	5.82	cps
Dysprosium	156-1	7	10	10	9	21.63	cps
Dysprosium	156-2	0	13	10	8	89.21	cps
Erbium	164-1	80	63	43	62	29.51	cps
Erbium	164-2	43	60	53	52	16.07	cps
Gadolinium	160-1	63	37	73	58	32.80	cps
Gadolinium	160-2	820	840	740	800	6.61	cps
Holmium	165-1	17903131	17722813	17706858	17777601	0.61	cps
Holmium	165-2	13411792	13262681	13389832	13354769	0.60	cps
Indium	115-1	14787832	14650332	14686978	14708381	0.48	cps
Indium	115-2	5684763	5632984	5675646	5664464	0.49	cps
Iron	56-2	57014	54107	51194	54105	5.38	cps
Iron	57-2	2110	2164	1980	2085	4.52	cps
Iron	54-2	4998	4928	4584	4836	4.58	cps
Krypton	83-1	347	303	287	312	9.92	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:27:00	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5681	4527	4101	4770	17.14	cps
Lead	207-1	5001	3991	3687	4226	16.28	cps
Lead	208-1	17999	14740	13033	15257	16.54	cps
Lithium	6-1	1900128	1847919	1907938	1885328	1.73	cps
Magnesium	24-2	6141	5281	4861	5428	12.03	cps
Manganese	55-2	1613	1413	1380	1469	8.59	cps
Molybdenum	94-1	4327	3420	2724	3490	23.04	cps
Molybdenum	95-1	5631	4191	3130	4317	29.07	cps
Molybdenum	96-1	6315	4574	3657	4849	27.84	cps
Molybdenum	97-1	3657	2597	2007	2754	30.37	cps
Molybdenum	98-1	9080	6678	5091	6950	28.90	cps
Neodymium	150-1	7	13	17	12	41.65	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	953	877	860	897	5.55	cps
Phosphorus	31-2	227	220	230	226	2.26	cps
Potassium	39-2	71795	70861	70057	70904	1.23	cps
Rhodium	103-1	14048299	13862129	13864743	13925057	0.77	cps
Rhodium	103-2	8704496	8596436	8681038	8660656	0.66	cps
Scandium	45-1	8057503	7930256	8003647	7997136	0.80	cps
Scandium	45-2	689725	692717	685999	689481	0.49	cps
Selenium	82-1	670	709	688	689	2.88	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	473	593	513	527	11.60	cps
Silicon	28-1	790156	788887	776941	785328	0.93	cps
Silver	107-1	2397	1960	1663	2007	18.38	cps
Silver	109-1	2557	1970	1633	2054	22.76	cps
Sodium	23-2	73755	72583	70751	72363	2.09	cps
Strontium	86-1	760	683	640	694	8.75	cps
Strontium	88-1	2754	1930	1537	2074	29.95	cps
Sulfur	34-1	202499	203145	202148	202597	0.25	cps
Terbium	159-1	18352001	18038500	18054179	18148227	0.97	cps
Terbium	159-2	13587657	13197301	13229054	13338004	1.63	cps
Thallium	203-1	2440	2097	1930	2156	12.06	cps
Thallium	205-1	5838	4831	4684	5118	12.27	cps
Tin	118-1	4461	4151	4081	4231	4.78	cps
Titanium	47-1	1220	887	740	949	25.92	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:27:00	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2560	2054	1370	1995	29.94	cps
Vanadium	51-2	130	100	50	93	43.30	cps
Yttrium	89-1	17351441	17133108	17308110	17264220	0.67	cps
Yttrium	89-2	4881634	4791761	4883704	4852366	1.08	cps
Zinc	66-2	1017	1067	1033	1039	2.45	cps
Zirconium	90-1	3164	2690	2390	2748	14.19	cps
Zirconium	91-1	773	597	513	628	21.15	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BL	Instrumnet Name :	P7
Client Sample ID :	PBS530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:30:17	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370	307	277	318	15.00	cps
Antimony	121-1	867	890	873	877	1.37	cps
Arsenic	75-2	7	20	17	14	48.02	cps
Barium	135-1	83	63	117	88	30.70	cps
Barium	137-1	210	113	150	158	30.93	cps
Beryllium	9-1	157	113	167	146	19.48	cps
Bismuth	209-1	11320021	11204806	11271467	11265431	0.51	cps
Bismuth	209-2	9963225	9841058	9775147	9859810	0.97	cps
Bromine	81-1	14350	13920	14721	14330	2.80	cps
Bromine	81-2	157	197	150	168	15.04	cps
Cadmium	108-1	13	33	17	21	50.75	cps
Cadmium	106-1	4677	4211	4407	4432	5.29	cps
Cadmium	111-1	3368	2967	3157	3164	6.34	cps
Calcium	43-1	423	417	403	414	2.46	cps
Calcium	44-1	19547	19203	19076	19275	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2507	2577	2500	2528	1.68	cps
Cobalt	59-2	187	147	247	193	26.03	cps
Copper	63-2	1603	1450	1477	1510	5.43	cps
Dysprosium	156-1	7	17	13	12	41.65	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	73	73	80	76	5.10	cps
Erbium	164-2	53	30	47	43	27.73	cps
Gadolinium	160-1	120	77	50	82	42.97	cps
Gadolinium	160-2	793	827	853	824	3.65	cps
Holmium	165-1	18187246	18209168	18063603	18153339	0.43	cps
Holmium	165-2	13744689	13700806	13764916	13736804	0.24	cps
Indium	115-1	15152199	15292330	15082852	15175794	0.70	cps
Indium	115-2	5798681	5784766	5737146	5773531	0.56	cps
Iron	56-2	27809	27031	27368	27403	1.42	cps
Iron	57-2	1470	1427	1233	1377	9.15	cps
Iron	54-2	3370	3027	3067	3155	5.95	cps
Krypton	83-1	277	277	263	272	2.83	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BL	Instrumnet Name :	P7
Client Sample ID :	PBS530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:30:17	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1944	1910	1974	1942	1.63	cps
Lead	207-1	1610	1670	1737	1672	3.79	cps
Lead	208-1	6266	6033	5972	6090	2.55	cps
Lithium	6-1	1921299	1929356	1924277	1924977	0.21	cps
Magnesium	24-2	1350	1313	1407	1357	3.47	cps
Manganese	55-2	560	587	540	562	4.16	cps
Molybdenum	94-1	730	637	743	703	8.26	cps
Molybdenum	95-1	727	583	657	656	10.93	cps
Molybdenum	96-1	840	777	707	774	8.61	cps
Molybdenum	97-1	470	340	363	391	17.72	cps
Molybdenum	98-1	1067	1057	937	1020	7.09	cps
Neodymium	150-1	13	13	3	10	57.75	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	773	683	673	710	7.76	cps
Phosphorus	31-2	207	257	193	219	15.25	cps
Potassium	39-2	68165	67800	67713	67893	0.35	cps
Rhodium	103-1	14511522	14445272	14167763	14374852	1.27	cps
Rhodium	103-2	8986689	8900035	8903649	8930124	0.55	cps
Scandium	45-1	8331701	8349933	8292112	8324582	0.36	cps
Scandium	45-2	710317	710568	706195	709027	0.35	cps
Selenium	82-1	811	751	776	779	3.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	607	477	633	572	14.65	cps
Silicon	28-1	779267	778955	778602	778942	0.04	cps
Silver	107-1	550	530	503	528	4.44	cps
Silver	109-1	533	500	413	482	12.85	cps
Sodium	23-2	52710	52673	51044	52142	1.82	cps
Strontium	86-1	533	497	537	522	4.25	cps
Strontium	88-1	367	460	390	406	11.98	cps
Sulfur	34-1	208627	210381	211695	210234	0.73	cps
Terbium	159-1	19017758	18645786	18517408	18726984	1.39	cps
Terbium	159-2	13583394	13587037	13503197	13557876	0.35	cps
Thallium	203-1	1207	1193	1300	1233	4.71	cps
Thallium	205-1	3000	2830	2790	2874	3.88	cps
Tin	118-1	3170	3340	3157	3223	3.17	cps
Titanium	47-1	133	183	163	160	15.73	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BL	Instrumnet Name :	P7
Client Sample ID :	PBS530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:30:17	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	120	70	77	89	30.54	cps
Vanadium	51-2	23	23	27	24	7.89	cps
Yttrium	89-1	18078559	17829986	17784390	17897645	0.88	cps
Yttrium	89-2	5011545	5018391	4997150	5009029	0.22	cps
Zinc	66-2	717	670	767	718	6.74	cps
Zirconium	90-1	1120	1030	1097	1082	4.32	cps
Zirconium	91-1	223	203	193	207	7.39	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BS	Instrumnet Name :	P7
Client Sample ID :	LCS530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:33:32	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15695	16262	16252	16070	2.02	cps
Antimony	121-1	69302	69336	69932	69524	0.51	cps
Arsenic	75-2	2194	2064	2033	2097	4.06	cps
Barium	135-1	83127	83292	83117	83179	0.12	cps
Barium	137-1	141863	143021	143505	142796	0.59	cps
Beryllium	9-1	3514	3800	3650	3655	3.92	cps
Bismuth	209-1	11367369	11211715	11461855	11346980	1.11	cps
Bismuth	209-2	9970321	9913276	10039147	9974248	0.63	cps
Bromine	81-1	15038	15845	15615	15499	2.68	cps
Bromine	81-2	160	180	203	181	11.98	cps
Cadmium	108-1	743	677	553	658	14.66	cps
Cadmium	106-1	5678	5671	5171	5507	5.28	cps
Cadmium	111-1	12817	12646	12295	12586	2.11	cps
Calcium	43-1	46073	45959	46030	46021	0.12	cps
Calcium	44-1	768616	761449	770161	766742	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29148	29285	28410	28948	1.63	cps
Cobalt	59-2	21960	22851	21873	22228	2.44	cps
Copper	63-2	33771	34022	34122	33972	0.53	cps
Dysprosium	156-1	17	17	10	14	26.66	cps
Dysprosium	156-2	3	27	13	14	81.07	cps
Erbium	164-1	53	80	80	71	21.65	cps
Erbium	164-2	47	47	50	48	4.02	cps
Gadolinium	160-1	73	80	67	73	9.09	cps
Gadolinium	160-2	823	797	763	794	3.78	cps
Holmium	165-1	18245464	18398025	18254404	18299298	0.47	cps
Holmium	165-2	13868695	13732928	13735406	13779010	0.56	cps
Indium	115-1	15248944	15309695	15143795	15234144	0.55	cps
Indium	115-2	5756776	5873438	5866118	5832111	1.12	cps
Iron	56-2	2599604	2570960	2561284	2577282	0.77	cps
Iron	57-2	67604	67109	67544	67419	0.40	cps
Iron	54-2	147602	148520	147134	147752	0.48	cps
Krypton	83-1	317	240	320	292	15.49	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BS	Instrumnet Name :	P7
Client Sample ID :	LCS530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:33:32	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27585	27327	27752	27555	0.78	cps
Lead	207-1	23798	24232	24005	24011	0.90	cps
Lead	208-1	87100	87724	88563	87795	0.84	cps
Lithium	6-1	1984147	1948084	1992204	1974812	1.19	cps
Magnesium	24-2	552567	551678	554735	552993	0.28	cps
Manganese	55-2	11975	11828	11735	11846	1.02	cps
Molybdenum	94-1	68312	70935	68633	69294	2.06	cps
Molybdenum	95-1	85155	85662	85236	85351	0.32	cps
Molybdenum	96-1	96398	94805	95137	95446	0.88	cps
Molybdenum	97-1	53718	53752	54163	53878	0.46	cps
Molybdenum	98-1	137597	139458	138496	138517	0.67	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	6795	6331	6365	6497	3.98	cps
Phosphorus	31-2	1013	1043	1070	1042	2.72	cps
Potassium	39-2	838394	848060	851080	845845	0.78	cps
Rhodium	103-1	14588386	14657356	14482731	14576158	0.60	cps
Rhodium	103-2	8928458	8940844	8963916	8944406	0.20	cps
Scandium	45-1	8357459	8267125	8312334	8312306	0.54	cps
Scandium	45-2	721972	724028	726287	724096	0.30	cps
Selenium	82-1	3522	3424	3399	3448	1.88	cps
Selenium	77-2	250	303	330	294	13.84	cps
Selenium	78-2	1463	1550	1507	1507	2.88	cps
Silicon	28-1	1190575	1202941	1216229	1203248	1.07	cps
Silver	107-1	44508	44806	45203	44839	0.78	cps
Silver	109-1	41489	42054	42061	41868	0.78	cps
Sodium	23-2	922569	927893	925925	925462	0.29	cps
Strontium	86-1	11224	11258	11308	11263	0.37	cps
Strontium	88-1	96168	95451	94555	95391	0.85	cps
Sulfur	34-1	223883	224917	225221	224674	0.31	cps
Terbium	159-1	18887916	19073714	18915405	18959011	0.53	cps
Terbium	159-2	13720204	13674369	13691925	13695499	0.17	cps
Thallium	203-1	33037	33655	32776	33156	1.36	cps
Thallium	205-1	79155	78454	78847	78819	0.45	cps
Tin	118-1	144799	147112	147351	146421	0.96	cps
Titanium	47-1	5018	5284	4934	5079	3.60	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BS	Instrumnet Name :	P7
Client Sample ID :	LCS530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:33:32	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	92666	93798	94415	93626	0.95	cps
Vanadium	51-2	59246	60223	59326	59598	0.91	cps
Yttrium	89-1	18291007	18256398	18082537	18209980	0.61	cps
Yttrium	89-2	5074454	5068063	5018995	5053837	0.60	cps
Zinc	66-2	14547	14597	14847	14664	1.10	cps
Zirconium	90-1	53232	52610	53179	53007	0.65	cps
Zirconium	91-1	11772	12539	11745	12019	3.75	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:36:48	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7635	7532	7599	7589	0.69	cps
Antimony	121-1	35350	35130	35307	35262	0.33	cps
Arsenic	75-2	1053	1047	913	1004	7.86	cps
Barium	135-1	41711	42356	41627	41898	0.95	cps
Barium	137-1	73107	72711	72192	72670	0.63	cps
Beryllium	9-1	2070	1853	2007	1977	5.64	cps
Bismuth	209-1	11411948	11199707	11287721	11299792	0.94	cps
Bismuth	209-2	9927553	9021294	9258343	9402397	5.00	cps
Bromine	81-1	15965	15702	15882	15850	0.85	cps
Bromine	81-2	160	157	180	166	7.62	cps
Cadmium	108-1	320	360	363	348	6.93	cps
Cadmium	106-1	5284	5108	5041	5144	2.45	cps
Cadmium	111-1	8276	7937	7855	8023	2.78	cps
Calcium	43-1	23772	23438	23248	23486	1.13	cps
Calcium	44-1	396119	395453	395333	395635	0.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15908	16132	16009	16016	0.70	cps
Cobalt	59-2	11384	11538	11681	11534	1.29	cps
Copper	63-2	18291	18194	18198	18228	0.30	cps
Dysprosium	156-1	13	13	10	12	15.73	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	60	87	83	77	18.95	cps
Erbium	164-2	37	40	63	47	31.13	cps
Gadolinium	160-1	33	120	90	81	54.26	cps
Gadolinium	160-2	863	740	723	776	9.86	cps
Holmium	165-1	18717140	18186883	18299546	18401189	1.52	cps
Holmium	165-2	13904895	12452561	12835061	13064172	5.76	cps
Indium	115-1	15508737	15474560	15320457	15434585	0.65	cps
Indium	115-2	5851230	5391160	5490939	5577776	4.34	cps
Iron	56-2	1355093	1354405	1348704	1352734	0.26	cps
Iron	57-2	34904	34904	34707	34838	0.33	cps
Iron	54-2	75836	76342	74881	75686	0.98	cps
Krypton	83-1	267	337	300	301	11.63	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:36:48	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14992	14565	14661	14739	1.52	cps
Lead	207-1	12489	13323	12866	12893	3.24	cps
Lead	208-1	47204	46917	46483	46868	0.77	cps
Lithium	6-1	1951019	1956816	1927545	1945127	0.80	cps
Magnesium	24-2	280999	278992	280576	280189	0.38	cps
Manganese	55-2	6011	6418	5905	6111	4.43	cps
Molybdenum	94-1	35065	34608	34728	34800	0.68	cps
Molybdenum	95-1	44624	43652	43565	43947	1.34	cps
Molybdenum	96-1	48390	48594	47912	48298	0.72	cps
Molybdenum	97-1	27382	27372	27132	27296	0.52	cps
Molybdenum	98-1	70569	69635	69739	69981	0.73	cps
Neodymium	150-1	20	17	17	18	10.81	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	3417	3407	3914	3579	8.09	cps
Phosphorus	31-2	610	603	757	657	13.20	cps
Potassium	39-2	463067	465583	463167	463939	0.31	cps
Rhodium	103-1	14664778	14491749	14558806	14571777	0.60	cps
Rhodium	103-2	9067484	8275169	8425372	8589342	4.90	cps
Scandium	45-1	8492750	8379307	8406480	8426179	0.70	cps
Scandium	45-2	723842	676730	677631	692734	3.89	cps
Selenium	82-1	2239	2105	2201	2182	3.17	cps
Selenium	77-2	110	143	163	139	19.40	cps
Selenium	78-2	1113	1090	1007	1070	5.24	cps
Silicon	28-1	863755	863705	865898	864453	0.14	cps
Silver	107-1	22327	22945	23108	22794	1.81	cps
Silver	109-1	21065	22023	21302	21464	2.32	cps
Sodium	23-2	491956	488361	487566	489294	0.48	cps
Strontium	86-1	5888	6131	5781	5933	3.02	cps
Strontium	88-1	47968	48122	47904	47998	0.23	cps
Sulfur	34-1	230403	229856	229446	229902	0.21	cps
Terbium	159-1	19009609	18769601	18833819	18871010	0.66	cps
Terbium	159-2	13749421	12586767	12895799	13077329	4.60	cps
Thallium	203-1	17438	17365	17298	17367	0.40	cps
Thallium	205-1	41226	41095	40854	41058	0.46	cps
Tin	118-1	74417	74293	74122	74278	0.20	cps
Titanium	47-1	2684	2510	2684	2626	3.81	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165530BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD530	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:36:48	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46889	46989	46932	46937	0.11	cps
Vanadium	51-2	30377	30407	29973	30253	0.80	cps
Yttrium	89-1	18215936	18204655	18015633	18145408	0.62	cps
Yttrium	89-2	5143851	4690754	4754951	4863185	5.04	cps
Zinc	66-2	7792	7819	7649	7753	1.18	cps
Zirconium	90-1	26208	27699	26225	26710	3.21	cps
Zirconium	91-1	6145	5725	5995	5955	3.58	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BL	Instrumnet Name :	P7
Client Sample ID :	PBS541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:40:03	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	307	257	290	284	8.95	cps
Antimony	121-1	327	257	207	263	22.89	cps
Arsenic	75-2	10	3	17	10	66.70	cps
Barium	135-1	80	87	53	73	24.06	cps
Barium	137-1	123	90	133	116	19.64	cps
Beryllium	9-1	110	70	93	91	22.05	cps
Bismuth	209-1	11305827	11115918	11085844	11169197	1.07	cps
Bismuth	209-2	9686966	9775063	9729298	9730442	0.45	cps
Bromine	81-1	16032	16156	15652	15946	1.65	cps
Bromine	81-2	170	207	187	188	9.78	cps
Cadmium	108-1	27	17	10	18	47.19	cps
Cadmium	106-1	4684	4514	4277	4492	4.55	cps
Cadmium	111-1	3314	3212	3047	3191	4.21	cps
Calcium	43-1	463	457	400	440	7.91	cps
Calcium	44-1	18305	18242	18485	18344	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2590	2500	2647	2579	2.87	cps
Cobalt	59-2	253	187	287	242	21.02	cps
Copper	63-2	1377	1313	1280	1323	3.71	cps
Dysprosium	156-1	3	7	20	10	88.20	cps
Dysprosium	156-2	17	10	13	13	25.01	cps
Erbium	164-1	67	80	80	76	10.19	cps
Erbium	164-2	30	57	50	46	30.47	cps
Gadolinium	160-1	60	67	67	64	5.98	cps
Gadolinium	160-2	787	720	740	749	4.57	cps
Holmium	165-1	18246055	18145898	18009083	18133679	0.66	cps
Holmium	165-2	13599677	13685499	13471269	13585482	0.79	cps
Indium	115-1	15418375	15216916	15282228	15305840	0.67	cps
Indium	115-2	5863618	5744535	5716461	5774871	1.35	cps
Iron	56-2	24794	24744	24240	24592	1.25	cps
Iron	57-2	1437	1380	1483	1433	3.61	cps
Iron	54-2	3287	3107	3120	3171	3.16	cps
Krypton	83-1	307	330	267	301	10.64	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BL	Instrumnet Name :	P7
Client Sample ID :	PBS541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:40:03	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1587	1490	1457	1511	4.47	cps
Lead	207-1	1213	1183	1310	1236	5.36	cps
Lead	208-1	5031	4775	4752	4853	3.19	cps
Lithium	6-1	1946541	1944109	1886768	1925806	1.76	cps
Magnesium	24-2	1200	1007	1070	1092	9.02	cps
Manganese	55-2	453	477	510	480	5.93	cps
Molybdenum	94-1	517	573	473	521	9.62	cps
Molybdenum	95-1	353	283	263	300	15.75	cps
Molybdenum	96-1	443	463	417	441	5.31	cps
Molybdenum	97-1	243	230	227	233	3.78	cps
Molybdenum	98-1	590	533	583	569	5.44	cps
Neodymium	150-1	20	3	10	11	75.52	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	710	773	720	734	4.64	cps
Phosphorus	31-2	250	260	220	243	8.55	cps
Potassium	39-2	68376	70338	68600	69105	1.55	cps
Rhodium	103-1	14621880	14556700	14311947	14496842	1.13	cps
Rhodium	103-2	8838557	8887911	8942616	8889695	0.59	cps
Scandium	45-1	8565062	8376013	8418574	8453217	1.17	cps
Scandium	45-2	724381	728252	719987	724206	0.57	cps
Selenium	82-1	684	652	703	679	3.79	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	627	570	563	587	5.93	cps
Silicon	28-1	790808	794380	797091	794093	0.40	cps
Silver	107-1	433	407	347	396	11.22	cps
Silver	109-1	380	353	300	344	11.83	cps
Sodium	23-2	43271	42943	42753	42989	0.61	cps
Strontium	86-1	520	517	477	504	4.78	cps
Strontium	88-1	360	383	330	358	7.47	cps
Sulfur	34-1	231804	232445	230543	231597	0.42	cps
Terbium	159-1	18988973	18798574	18644847	18810798	0.92	cps
Terbium	159-2	13413894	13423752	13483557	13440401	0.28	cps
Thallium	203-1	1293	1250	1267	1270	1.72	cps
Thallium	205-1	3090	3010	2920	3007	2.83	cps
Tin	118-1	3120	3117	3260	3166	2.58	cps
Titanium	47-1	107	110	127	114	9.36	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BL	Instrumnet Name :	P7
Client Sample ID :	PBS541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:40:03	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	20	17	16	32.73	cps
Vanadium	51-2	20	40	7	22	75.49	cps
Yttrium	89-1	18250969	18094421	18200563	18181984	0.44	cps
Yttrium	89-2	5065308	5040366	5005317	5036997	0.60	cps
Zinc	66-2	817	733	743	764	5.95	cps
Zirconium	90-1	1063	1033	1000	1032	3.07	cps
Zirconium	91-1	233	237	203	224	8.18	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BS	Instrumnet Name :	P7
Client Sample ID :	LCS541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:43:20	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15538	15361	15134	15344	1.32	cps
Antimony	121-1	70686	70224	70398	70436	0.33	cps
Arsenic	75-2	2154	2090	2070	2105	2.07	cps
Barium	135-1	83882	83573	85531	84329	1.25	cps
Barium	137-1	144391	145401	143916	144569	0.52	cps
Beryllium	9-1	3861	3684	3730	3758	2.44	cps
Bismuth	209-1	11209135	11148593	11118291	11158673	0.41	cps
Bismuth	209-2	9704844	9688527	9724823	9706065	0.19	cps
Bromine	81-1	15485	15388	15345	15406	0.47	cps
Bromine	81-2	130	150	203	161	23.53	cps
Cadmium	108-1	697	730	683	703	3.42	cps
Cadmium	106-1	5738	5508	5461	5569	2.66	cps
Cadmium	111-1	12715	12668	12401	12594	1.35	cps
Calcium	43-1	46979	46953	48026	47319	1.29	cps
Calcium	44-1	788373	786861	779038	784758	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29846	29683	29596	29708	0.43	cps
Cobalt	59-2	22631	22777	23104	22837	1.06	cps
Copper	63-2	35021	35168	34587	34925	0.87	cps
Dysprosium	156-1	13	3	13	10	57.75	cps
Dysprosium	156-2	17	7	13	12	41.65	cps
Erbium	164-1	63	93	90	82	20.00	cps
Erbium	164-2	37	73	53	54	33.71	cps
Gadolinium	160-1	97	77	87	87	11.54	cps
Gadolinium	160-2	710	760	777	749	4.63	cps
Holmium	165-1	18164923	18170699	18389885	18241835	0.70	cps
Holmium	165-2	13843818	13655036	13666741	13721865	0.77	cps
Indium	115-1	15216834	15289878	15496463	15334392	0.95	cps
Indium	115-2	5783288	5779022	5848244	5803518	0.67	cps
Iron	56-2	2647645	2643290	2642478	2644471	0.11	cps
Iron	57-2	69101	69717	69436	69418	0.44	cps
Iron	54-2	151119	150524	150860	150834	0.20	cps
Krypton	83-1	297	310	210	272	19.95	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BS	Instrumnet Name :	P7
Client Sample ID :	LCS541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:43:20	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27291	27408	27418	27372	0.26	cps
Lead	207-1	23420	23390	23524	23445	0.30	cps
Lead	208-1	85850	86443	86709	86334	0.51	cps
Lithium	6-1	2003175	1982947	1908603	1964908	2.53	cps
Magnesium	24-2	572718	572159	571146	572007	0.14	cps
Manganese	55-2	11688	11538	11464	11563	0.99	cps
Molybdenum	94-1	72312	70639	70241	71064	1.55	cps
Molybdenum	95-1	88335	87885	88224	88148	0.27	cps
Molybdenum	96-1	96643	98865	96727	97412	1.29	cps
Molybdenum	97-1	55445	55896	55016	55452	0.79	cps
Molybdenum	98-1	141316	141158	141962	141478	0.30	cps
Neodymium	150-1	7	23	20	17	52.90	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	6478	6498	6562	6513	0.67	cps
Phosphorus	31-2	1143	1240	1213	1199	4.16	cps
Potassium	39-2	874200	874342	877849	875463	0.24	cps
Rhodium	103-1	14620862	14652198	14420726	14564596	0.86	cps
Rhodium	103-2	8959108	8804256	8946230	8903198	0.97	cps
Scandium	45-1	8372076	8469067	8476270	8439137	0.69	cps
Scandium	45-2	736457	731800	737651	735302	0.42	cps
Selenium	82-1	3511	3483	3612	3535	1.93	cps
Selenium	77-2	340	313	293	316	7.42	cps
Selenium	78-2	1583	1520	1523	1542	2.31	cps
Silicon	28-1	1250505	1256012	1240224	1248914	0.64	cps
Silver	107-1	45464	44742	46106	45438	1.50	cps
Silver	109-1	42258	42235	43585	42693	1.81	cps
Sodium	23-2	955459	951153	949190	951934	0.34	cps
Strontium	86-1	11385	11875	11441	11567	2.32	cps
Strontium	88-1	97329	97715	95524	96856	1.21	cps
Sulfur	34-1	233500	235899	232495	233965	0.75	cps
Terbium	159-1	18633468	18682495	18473845	18596603	0.59	cps
Terbium	159-2	13656606	13353789	13606584	13538993	1.20	cps
Thallium	203-1	32886	32669	32358	32638	0.81	cps
Thallium	205-1	79158	79430	77164	78584	1.57	cps
Tin	118-1	147169	146826	146812	146936	0.14	cps
Titanium	47-1	5234	5308	5321	5288	0.88	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BS	Instrumnet Name :	P7
Client Sample ID :	LCS541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:43:20	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	91468	93180	92435	92361	0.93	cps
Vanadium	51-2	61759	61464	61464	61563	0.28	cps
Yttrium	89-1	18366746	18104724	17940628	18137366	1.18	cps
Yttrium	89-2	5094130	5040986	5068080	5067732	0.52	cps
Zinc	66-2	15128	14557	14754	14813	1.96	cps
Zirconium	90-1	55153	53264	56104	54841	2.64	cps
Zirconium	91-1	12492	11595	11805	11964	3.92	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:46:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8029	7949	7705	7894	2.13	cps
Antimony	121-1	35186	35357	35006	35183	0.50	cps
Arsenic	75-2	1087	1090	960	1046	7.09	cps
Barium	135-1	42433	43185	43182	42933	1.01	cps
Barium	137-1	74568	73549	74658	74258	0.83	cps
Beryllium	9-1	1913	2000	1857	1923	3.75	cps
Bismuth	209-1	10927362	11018622	10969568	10971851	0.42	cps
Bismuth	209-2	9734251	9835272	9827572	9799032	0.57	cps
Bromine	81-1	15201	15381	14637	15073	2.58	cps
Bromine	81-2	163	200	187	183	10.12	cps
Cadmium	108-1	370	343	377	363	4.86	cps
Cadmium	106-1	5084	5104	4924	5038	1.96	cps
Cadmium	111-1	7794	7930	7724	7816	1.34	cps
Calcium	43-1	23939	24296	24490	24242	1.15	cps
Calcium	44-1	409280	407096	406891	407755	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16316	15832	16436	16194	1.97	cps
Cobalt	59-2	12275	11611	12002	11963	2.79	cps
Copper	63-2	18952	18628	18515	18698	1.21	cps
Dysprosium	156-1	7	17	13	12	41.65	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	70	77	67	71	7.16	cps
Erbium	164-2	60	40	103	68	47.76	cps
Gadolinium	160-1	70	67	47	61	20.65	cps
Gadolinium	160-2	787	820	853	820	4.07	cps
Holmium	165-1	18395451	18126396	18272762	18264870	0.74	cps
Holmium	165-2	13639729	13631665	13615004	13628799	0.09	cps
Indium	115-1	15617360	15559729	15344917	15507335	0.93	cps
Indium	115-2	5796205	5968531	5897843	5887526	1.47	cps
Iron	56-2	1354386	1396353	1357774	1369504	1.70	cps
Iron	57-2	36314	36210	35803	36109	0.75	cps
Iron	54-2	77381	78155	78728	78088	0.87	cps
Krypton	83-1	290	333	307	310	7.05	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:46:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14378	14912	14234	14508	2.46	cps
Lead	207-1	12839	12619	12703	12720	0.87	cps
Lead	208-1	45919	45120	46582	45874	1.60	cps
Lithium	6-1	2000711	1918063	1918567	1945780	2.44	cps
Magnesium	24-2	291701	289826	291297	290942	0.34	cps
Manganese	55-2	6115	6231	6358	6235	1.95	cps
Molybdenum	94-1	35299	35139	35717	35385	0.84	cps
Molybdenum	95-1	44969	45347	44300	44872	1.18	cps
Molybdenum	96-1	49554	50146	49533	49744	0.70	cps
Molybdenum	97-1	28481	28505	28424	28470	0.14	cps
Molybdenum	98-1	71326	71504	71189	71340	0.22	cps
Neodymium	150-1	17	7	3	9	78.08	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3560	3694	3634	3629	1.84	cps
Phosphorus	31-2	733	677	640	683	6.88	cps
Potassium	39-2	478331	477671	480280	478761	0.28	cps
Rhodium	103-1	14604581	14491363	14721395	14605780	0.79	cps
Rhodium	103-2	8991461	9015550	9041991	9016334	0.28	cps
Scandium	45-1	8609711	8531919	8459341	8533657	0.88	cps
Scandium	45-2	742031	742555	742052	742213	0.04	cps
Selenium	82-1	2188	2128	2197	2171	1.72	cps
Selenium	77-2	130	130	143	134	5.73	cps
Selenium	78-2	1137	1110	1090	1112	2.11	cps
Silicon	28-1	1227105	1193721	1198739	1206521	1.49	cps
Silver	107-1	22508	22394	23613	22838	2.95	cps
Silver	109-1	22344	22140	22174	22219	0.49	cps
Sodium	23-2	504235	504020	505270	504509	0.13	cps
Strontium	86-1	6395	6148	6081	6208	2.66	cps
Strontium	88-1	49262	49393	49015	49223	0.39	cps
Sulfur	34-1	234079	234389	234089	234186	0.08	cps
Terbium	159-1	18726584	18481337	18672750	18626890	0.69	cps
Terbium	159-2	13470901	13434080	13493603	13466195	0.22	cps
Thallium	203-1	17154	16774	17638	17189	2.52	cps
Thallium	205-1	41269	41129	40443	40947	1.08	cps
Tin	118-1	75915	76237	76257	76137	0.25	cps
Titanium	47-1	2627	2924	2780	2777	5.34	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165541BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD541	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:46:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47330	46942	46678	46984	0.70	cps
Vanadium	51-2	31299	31406	31974	31560	1.15	cps
Yttrium	89-1	18012308	18114065	18034853	18053742	0.30	cps
Yttrium	89-2	5075546	5081513	5093332	5083463	0.18	cps
Zinc	66-2	8026	7819	8036	7960	1.54	cps
Zirconium	90-1	26537	26799	27229	26855	1.30	cps
Zirconium	91-1	6315	6352	5975	6214	3.35	cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BL	Instrumnet Name :	P7
Client Sample ID :	PBS550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:49:50	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	247	227	240	238	4.28	cps
Antimony	121-1	173	140	147	153	11.51	cps
Arsenic	75-2	13	3	13	10	57.75	cps
Barium	135-1	57	57	70	61	12.59	cps
Barium	137-1	93	100	100	98	3.94	cps
Beryllium	9-1	107	77	90	91	16.50	cps
Bismuth	209-1	11340459	11204702	11069237	11204799	1.21	cps
Bismuth	209-2	9947574	9845554	9842973	9878700	0.60	cps
Bromine	81-1	15999	15421	15695	15705	1.84	cps
Bromine	81-2	160	213	170	181	15.66	cps
Cadmium	108-1	10	7	3	7	50.03	cps
Cadmium	106-1	4767	4707	4371	4615	4.63	cps
Cadmium	111-1	3347	3311	3090	3249	4.27	cps
Calcium	43-1	457	477	430	454	5.15	cps
Calcium	44-1	19300	19250	19143	19231	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2684	2540	2437	2554	4.85	cps
Cobalt	59-2	167	180	157	168	6.98	cps
Copper	63-2	1377	1257	1183	1272	7.67	cps
Dysprosium	156-1	3	3	10	6	69.34	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	43	77	63	61	27.46	cps
Erbium	164-2	60	63	70	64	7.90	cps
Gadolinium	160-1	67	80	73	73	9.09	cps
Gadolinium	160-2	820	843	890	851	4.19	cps
Holmium	165-1	18421759	18350253	18224094	18332036	0.55	cps
Holmium	165-2	13767794	13760035	13639443	13722424	0.52	cps
Indium	115-1	15687740	15548421	15245698	15493953	1.46	cps
Indium	115-2	5845545	5963793	5862087	5890475	1.09	cps
Iron	56-2	25178	25301	24801	25093	1.04	cps
Iron	57-2	1427	1417	1333	1392	3.68	cps
Iron	54-2	3374	3297	3127	3266	3.87	cps
Krypton	83-1	337	247	303	296	15.40	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BL	Instrumnet Name :	P7
Client Sample ID :	PBS550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:49:50	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1347	1237	1333	1306	4.60	cps
Lead	207-1	1197	1123	1093	1138	4.67	cps
Lead	208-1	4253	4198	4014	4155	3.02	cps
Lithium	6-1	1966105	1907338	1958091	1943845	1.64	cps
Magnesium	24-2	1033	1117	1270	1140	10.53	cps
Manganese	55-2	433	483	540	486	10.99	cps
Molybdenum	94-1	553	607	500	553	9.64	cps
Molybdenum	95-1	263	297	297	286	6.74	cps
Molybdenum	96-1	367	353	460	393	14.78	cps
Molybdenum	97-1	183	167	177	176	4.78	cps
Molybdenum	98-1	493	463	507	488	4.55	cps
Neodymium	150-1	10	10	10	10	0.00	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	747	720	747	738	2.09	cps
Phosphorus	31-2	187	283	293	254	23.15	cps
Potassium	39-2	70238	70412	71269	70639	0.78	cps
Rhodium	103-1	14727974	14781119	14597721	14702271	0.64	cps
Rhodium	103-2	8935019	9118592	9074449	9042687	1.06	cps
Scandium	45-1	8588186	8564796	8540286	8564422	0.28	cps
Scandium	45-2	748796	747694	743160	746550	0.40	cps
Selenium	82-1	798	852	779	810	4.67	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	617	600	487	568	12.46	cps
Silicon	28-1	837164	834088	836536	835929	0.19	cps
Silver	107-1	420	383	293	366	17.83	cps
Silver	109-1	317	390	250	319	21.96	cps
Sodium	23-2	40794	40383	40620	40599	0.51	cps
Strontium	86-1	480	550	553	528	7.85	cps
Strontium	88-1	360	327	313	333	7.21	cps
Sulfur	34-1	233934	234231	235595	234586	0.38	cps
Terbium	159-1	18840804	18864331	18584329	18763155	0.83	cps
Terbium	159-2	13639537	13538818	13490298	13556218	0.56	cps
Thallium	203-1	1020	850	803	891	12.80	cps
Thallium	205-1	2277	2020	2044	2114	6.72	cps
Tin	118-1	3160	3267	3137	3188	2.17	cps
Titanium	47-1	87	97	150	111	30.64	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BL	Instrumnet Name :	P7
Client Sample ID :	PBS550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:49:50	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	27	20	20	33.35	cps
Vanadium	51-2	33	17	20	23	37.78	cps
Yttrium	89-1	18571597	18321263	18283051	18391970	0.85	cps
Yttrium	89-2	5044686	5101629	5152850	5099722	1.06	cps
Zinc	66-2	733	630	750	704	9.23	cps
Zirconium	90-1	1040	1133	1037	1070	5.13	cps
Zirconium	91-1	210	153	217	193	18.00	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BS	Instrumnet Name :	P7
Client Sample ID :	LCS550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:53:05	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15625	15882	15665	15724	0.88	cps
Antimony	121-1	70521	70726	71902	71050	1.05	cps
Arsenic	75-2	2157	2043	2010	2070	3.71	cps
Barium	135-1	86595	85474	84364	85478	1.30	cps
Barium	137-1	148365	147569	147519	147818	0.32	cps
Beryllium	9-1	3787	3724	3837	3783	1.50	cps
Bismuth	209-1	11493052	11381167	11120351	11331523	1.69	cps
Bismuth	209-2	9839809	9826407	9785698	9817305	0.29	cps
Bromine	81-1	15648	16379	15932	15987	2.30	cps
Bromine	81-2	193	197	123	171	24.20	cps
Cadmium	108-1	697	720	653	690	4.90	cps
Cadmium	106-1	5641	5658	5735	5678	0.88	cps
Cadmium	111-1	12801	12549	12937	12762	1.54	cps
Calcium	43-1	48410	48407	49350	48722	1.12	cps
Calcium	44-1	803655	802406	802994	803018	0.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30167	30882	30521	30523	1.17	cps
Cobalt	59-2	23672	23522	23051	23415	1.38	cps
Copper	63-2	35358	36210	36164	35911	1.33	cps
Dysprosium	156-1	30	20	20	23	24.74	cps
Dysprosium	156-2	10	7	23	13	66.12	cps
Erbium	164-1	70	80	93	81	14.43	cps
Erbium	164-2	33	47	37	39	17.85	cps
Gadolinium	160-1	83	67	60	70	17.17	cps
Gadolinium	160-2	860	860	813	844	3.19	cps
Holmium	165-1	18404583	18498944	18409177	18437568	0.29	cps
Holmium	165-2	13777630	14036220	13813946	13875932	1.01	cps
Indium	115-1	15730613	15567454	15484661	15594242	0.80	cps
Indium	115-2	5925578	5879288	5825054	5876640	0.86	cps
Iron	56-2	2707923	2711987	2691516	2703808	0.40	cps
Iron	57-2	70514	70578	69714	70269	0.69	cps
Iron	54-2	153571	153412	154345	153776	0.32	cps
Krypton	83-1	330	310	250	297	14.04	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BS	Instrumnet Name :	P7
Client Sample ID :	LCS550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:53:05	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27371	26947	27571	27296	1.17	cps
Lead	207-1	23053	24238	23804	23699	2.53	cps
Lead	208-1	86955	87644	87703	87434	0.48	cps
Lithium	6-1	2032746	1996757	1982369	2003957	1.29	cps
Magnesium	24-2	585104	581935	584490	583843	0.29	cps
Manganese	55-2	11988	11995	12115	12033	0.59	cps
Molybdenum	94-1	70727	71782	70559	71023	0.93	cps
Molybdenum	95-1	88237	89045	88878	88720	0.48	cps
Molybdenum	96-1	97734	99210	98213	98386	0.77	cps
Molybdenum	97-1	55602	56097	56311	56003	0.65	cps
Molybdenum	98-1	144974	142338	142578	143297	1.02	cps
Neodymium	150-1	20	10	17	16	32.73	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	6371	6325	7208	6635	7.50	cps
Phosphorus	31-2	1083	1187	1290	1187	8.71	cps
Potassium	39-2	891035	890432	888569	890012	0.14	cps
Rhodium	103-1	14824577	14836104	14656391	14772358	0.68	cps
Rhodium	103-2	9138436	9194913	9011726	9115025	1.03	cps
Scandium	45-1	8706800	8563507	8643625	8637977	0.83	cps
Scandium	45-2	749186	749247	748056	748830	0.09	cps
Selenium	82-1	3735	3639	3662	3679	1.36	cps
Selenium	77-2	257	287	270	271	5.54	cps
Selenium	78-2	1727	1713	1640	1693	2.76	cps
Silicon	28-1	1280930	1283958	1283433	1282774	0.13	cps
Silver	107-1	45735	46324	46762	46273	1.11	cps
Silver	109-1	43542	43224	44358	43708	1.34	cps
Sodium	23-2	964441	964283	967939	965554	0.21	cps
Strontium	86-1	11598	11585	11284	11489	1.54	cps
Strontium	88-1	97504	98799	98833	98378	0.77	cps
Sulfur	34-1	245546	245572	247730	246283	0.51	cps
Terbium	159-1	19076606	18886394	18681500	18881500	1.05	cps
Terbium	159-2	13829730	13734737	13479182	13681216	1.33	cps
Thallium	203-1	33207	32796	32669	32891	0.85	cps
Thallium	205-1	77120	78712	79393	78409	1.49	cps
Tin	118-1	150436	148938	149533	149636	0.50	cps
Titanium	47-1	5434	5254	5318	5335	1.71	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BS	Instrumnet Name :	P7
Client Sample ID :	LCS550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:53:05	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	92125	91995	94458	92860	1.49	cps
Vanadium	51-2	63423	62047	63439	62970	1.27	cps
Yttrium	89-1	18768966	18543003	18466335	18592768	0.85	cps
Yttrium	89-2	5198985	5209353	5056261	5154866	1.66	cps
Zinc	66-2	15308	14994	15108	15137	1.05	cps
Zirconium	90-1	54770	55038	54524	54777	0.47	cps
Zirconium	91-1	12386	12546	12035	12322	2.12	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:56:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7619	7662	7689	7656	0.46	cps
Antimony	121-1	34465	33770	34805	34347	1.54	cps
Arsenic	75-2	1027	953	993	991	3.70	cps
Barium	135-1	40898	41430	40481	40936	1.16	cps
Barium	137-1	69355	70869	70493	70239	1.12	cps
Beryllium	9-1	1957	1800	1817	1858	4.63	cps
Bismuth	209-1	11124847	11157417	10920182	11067482	1.16	cps
Bismuth	209-2	9637954	9839809	9872214	9783326	1.30	cps
Bromine	81-1	16396	16212	16005	16205	1.21	cps
Bromine	81-2	177	183	170	177	3.78	cps
Cadmium	108-1	393	280	320	331	17.36	cps
Cadmium	106-1	5368	5244	5094	5235	2.62	cps
Cadmium	111-1	7859	7699	7986	7848	1.83	cps
Calcium	43-1	23729	23381	23939	23683	1.19	cps
Calcium	44-1	391681	395117	393299	393366	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16145	15942	15772	15953	1.17	cps
Cobalt	59-2	10944	11358	11381	11228	2.19	cps
Copper	63-2	17320	17747	18164	17744	2.38	cps
Dysprosium	156-1	30	7	17	18	65.83	cps
Dysprosium	156-2	0	13	13	9	86.60	cps
Erbium	164-1	90	80	103	91	12.85	cps
Erbium	164-2	77	63	43	61	27.46	cps
Gadolinium	160-1	73	67	73	71	5.41	cps
Gadolinium	160-2	797	863	870	843	4.81	cps
Holmium	165-1	18863906	18318093	18369297	18517099	1.63	cps
Holmium	165-2	13489284	13644437	13640491	13591404	0.65	cps
Indium	115-1	15883534	15546256	15304340	15578043	1.87	cps
Indium	115-2	5840208	5829272	5920488	5863323	0.85	cps
Iron	56-2	1330499	1332831	1338954	1334095	0.33	cps
Iron	57-2	34914	34433	34810	34719	0.73	cps
Iron	54-2	75203	75485	75769	75486	0.38	cps
Krypton	83-1	323	297	287	302	6.27	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:56:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13764	13941	13717	13807	0.85	cps
Lead	207-1	11742	12226	11965	11978	2.02	cps
Lead	208-1	43125	44345	43489	43653	1.44	cps
Lithium	6-1	1957619	1973454	1977826	1969633	0.54	cps
Magnesium	24-2	278977	278279	277936	278397	0.19	cps
Manganese	55-2	6035	5845	5855	5911	1.81	cps
Molybdenum	94-1	34370	34334	34097	34267	0.43	cps
Molybdenum	95-1	43056	42939	42438	42811	0.77	cps
Molybdenum	96-1	48156	47901	47631	47896	0.55	cps
Molybdenum	97-1	26397	27162	26734	26765	1.43	cps
Molybdenum	98-1	69012	68205	67843	68353	0.88	cps
Neodymium	150-1	17	13	7	12	41.65	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	3717	3427	3537	3560	4.11	cps
Phosphorus	31-2	690	667	667	674	2.00	cps
Potassium	39-2	463009	461876	461403	462096	0.18	cps
Rhodium	103-1	14924987	14835280	14884301	14881523	0.30	cps
Rhodium	103-2	9077993	9115522	9098960	9097492	0.21	cps
Scandium	45-1	8788418	8691679	8658269	8712789	0.78	cps
Scandium	45-2	748067	744385	749495	747316	0.35	cps
Selenium	82-1	2167	2122	2202	2163	1.86	cps
Selenium	77-2	120	197	133	150	27.31	cps
Selenium	78-2	1067	1093	1120	1093	2.44	cps
Silicon	28-1	1201435	1185173	1215413	1200674	1.26	cps
Silver	107-1	22124	22367	22057	22183	0.74	cps
Silver	109-1	21019	21326	20725	21023	1.43	cps
Sodium	23-2	482364	483236	480679	482093	0.27	cps
Strontium	86-1	5688	5788	5735	5737	0.87	cps
Strontium	88-1	47827	47945	47520	47764	0.46	cps
Sulfur	34-1	247445	248163	251540	249049	0.88	cps
Terbium	159-1	18986964	18983960	18768663	18913196	0.66	cps
Terbium	159-2	13672416	13512079	13491931	13558809	0.73	cps
Thallium	203-1	16250	16580	16300	16377	1.09	cps
Thallium	205-1	38514	38551	38789	38618	0.39	cps
Tin	118-1	73245	73379	71791	72805	1.21	cps
Titanium	47-1	2707	2540	2604	2617	3.22	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165550BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD550	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:56:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44775	44959	44738	44824	0.26	cps
Vanadium	51-2	30047	29973	29856	29959	0.32	cps
Yttrium	89-1	18635566	18406181	18144876	18395541	1.33	cps
Yttrium	89-2	5194062	5133891	5158947	5162300	0.59	cps
Zinc	66-2	7395	7732	7692	7606	2.42	cps
Zirconium	90-1	26496	26253	26567	26439	0.62	cps
Zirconium	91-1	5721	5411	6135	5756	6.31	cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BL	Instrumnet Name :	P7
Client Sample ID :	PBS576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:59:36	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	230	250	217	232	7.23	cps
Antimony	121-1	147	140	127	138	7.39	cps
Arsenic	75-2	17	3	7	9	78.08	cps
Barium	135-1	80	77	60	72	14.84	cps
Barium	137-1	153	157	133	148	8.54	cps
Beryllium	9-1	63	100	90	84	22.45	cps
Bismuth	209-1	11052025	11108697	10997789	11052837	0.50	cps
Bismuth	209-2	9711774	9558140	9685718	9651877	0.85	cps
Bromine	81-1	15865	16596	16142	16201	2.28	cps
Bromine	81-2	217	177	167	187	14.17	cps
Cadmium	108-1	33	27	10	23	51.50	cps
Cadmium	106-1	4694	4934	4494	4707	4.68	cps
Cadmium	111-1	3293	3462	3189	3314	4.16	cps
Calcium	43-1	387	407	373	389	4.31	cps
Calcium	44-1	18916	18512	18532	18653	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2430	2604	2567	2534	3.61	cps
Cobalt	59-2	223	280	257	253	11.24	cps
Copper	63-2	1273	1277	1390	1313	5.06	cps
Dysprosium	156-1	7	7	17	10	57.72	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	73	53	47	58	24.02	cps
Erbium	164-2	33	43	47	41	16.89	cps
Gadolinium	160-1	53	50	93	66	36.78	cps
Gadolinium	160-2	723	850	820	798	8.30	cps
Holmium	165-1	18385387	18053366	18191935	18210229	0.92	cps
Holmium	165-2	13353440	13573771	13654350	13527187	1.15	cps
Indium	115-1	15504300	15478591	15424903	15469265	0.26	cps
Indium	115-2	5868248	5886510	5795823	5850194	0.82	cps
Iron	56-2	25535	24894	24924	25118	1.44	cps
Iron	57-2	1420	1463	1483	1456	2.22	cps
Iron	54-2	3250	3254	3257	3254	0.10	cps
Krypton	83-1	350	290	303	314	10.02	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BL	Instrumnet Name :	P7
Client Sample ID :	PBS576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:59:36	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1350	1283	1283	1306	2.95	cps
Lead	207-1	1097	1177	1080	1118	4.62	cps
Lead	208-1	3954	4040	4077	4024	1.57	cps
Lithium	6-1	1974515	1963158	1974205	1970626	0.33	cps
Magnesium	24-2	1050	913	993	986	6.97	cps
Manganese	55-2	530	457	497	494	7.43	cps
Molybdenum	94-1	497	583	530	537	8.15	cps
Molybdenum	95-1	257	370	277	301	20.09	cps
Molybdenum	96-1	453	377	413	414	9.25	cps
Molybdenum	97-1	180	230	213	208	12.25	cps
Molybdenum	98-1	493	540	483	506	5.98	cps
Neodymium	150-1	17	10	3	10	66.70	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	880	797	880	852	5.65	cps
Phosphorus	31-2	250	200	243	231	11.75	cps
Potassium	39-2	70857	71614	70820	71097	0.63	cps
Rhodium	103-1	14800400	14644092	14646829	14697107	0.61	cps
Rhodium	103-2	8995708	8949266	8968355	8971109	0.26	cps
Scandium	45-1	8647507	8628419	8553487	8609804	0.58	cps
Scandium	45-2	744543	744447	744187	744392	0.02	cps
Selenium	82-1	725	789	798	771	5.14	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	593	637	493	574	12.80	cps
Silicon	28-1	835886	838725	839304	837972	0.22	cps
Silver	107-1	380	330	307	339	11.06	cps
Silver	109-1	253	283	243	260	8.01	cps
Sodium	23-2	39517	39260	38856	39211	0.85	cps
Strontium	86-1	610	553	433	532	16.95	cps
Strontium	88-1	377	320	367	354	8.53	cps
Sulfur	34-1	250162	250090	247275	249176	0.66	cps
Terbium	159-1	18866266	18654480	18669332	18730026	0.63	cps
Terbium	159-2	13560843	13494298	13448256	13501132	0.42	cps
Thallium	203-1	1123	883	917	974	13.34	cps
Thallium	205-1	2460	2227	2274	2320	5.32	cps
Tin	118-1	3220	3464	3194	3293	4.52	cps
Titanium	47-1	97	127	100	108	15.26	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BL	Instrumnet Name :	P7
Client Sample ID :	PBS576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 14:59:36	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	23	37	31	22.31	cps
Vanadium	51-2	20	23	23	22	8.65	cps
Yttrium	89-1	18604869	18514409	18402578	18507285	0.55	cps
Yttrium	89-2	5098532	5092321	5102070	5097641	0.10	cps
Zinc	66-2	650	657	580	629	6.75	cps
Zirconium	90-1	1080	1050	1110	1080	2.78	cps
Zirconium	91-1	203	277	183	221	22.22	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BS	Instrumnet Name :	P7
Client Sample ID :	LCS576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:02:53	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16109	15598	15555	15754	1.96	cps
Antimony	121-1	70569	71021	70207	70599	0.58	cps
Arsenic	75-2	2124	2224	1970	2106	6.06	cps
Barium	135-1	83999	85790	85991	85260	1.29	cps
Barium	137-1	148273	148055	147731	148020	0.18	cps
Beryllium	9-1	3680	3647	3697	3675	0.69	cps
Bismuth	209-1	10962284	10998684	10726859	10895942	1.35	cps
Bismuth	209-2	9799892	9677996	9687320	9721736	0.70	cps
Bromine	81-1	15912	15311	15885	15703	2.16	cps
Bromine	81-2	173	167	110	150	23.20	cps
Cadmium	108-1	663	773	683	707	8.29	cps
Cadmium	106-1	5571	5708	5488	5589	1.99	cps
Cadmium	111-1	12742	12811	12376	12643	1.85	cps
Calcium	43-1	48661	49975	48521	49052	1.64	cps
Calcium	44-1	797306	803583	795808	798899	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29993	30027	29863	29961	0.29	cps
Cobalt	59-2	23151	23498	23508	23386	0.87	cps
Copper	63-2	36571	35612	35799	35994	1.41	cps
Dysprosium	156-1	20	3	13	12	68.66	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	80	107	87	91	15.23	cps
Erbium	164-2	53	90	37	60	45.47	cps
Gadolinium	160-1	53	60	57	57	5.89	cps
Gadolinium	160-2	730	817	820	789	6.47	cps
Holmium	165-1	18204460	18398597	18324271	18309109	0.53	cps
Holmium	165-2	13824926	13608351	13606635	13679971	0.92	cps
Indium	115-1	15533405	15469068	15346063	15449512	0.62	cps
Indium	115-2	5832666	5768991	5835426	5812361	0.65	cps
Iron	56-2	2733270	2695824	2681518	2703537	0.99	cps
Iron	57-2	71415	71261	70869	71182	0.40	cps
Iron	54-2	154116	153601	152853	153523	0.41	cps
Krypton	83-1	287	260	340	296	13.78	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BS	Instrumnet Name :	P7
Client Sample ID :	LCS576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:02:53	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27284	26890	27161	27112	0.74	cps
Lead	207-1	24001	23303	23761	23688	1.50	cps
Lead	208-1	85985	84372	85643	85333	1.00	cps
Lithium	6-1	2019118	1969822	1951887	1980276	1.76	cps
Magnesium	24-2	591202	588714	586570	588829	0.39	cps
Manganese	55-2	12335	11811	11978	12042	2.22	cps
Molybdenum	94-1	70063	70994	70442	70500	0.66	cps
Molybdenum	95-1	88395	89213	89028	88879	0.48	cps
Molybdenum	96-1	98881	98703	98791	98792	0.09	cps
Molybdenum	97-1	55655	55896	55652	55735	0.25	cps
Molybdenum	98-1	143682	144436	144156	144091	0.26	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	13	0	13	9	86.60	cps
Nickel	60-2	6888	6608	6475	6657	3.17	cps
Phosphorus	31-2	1173	1300	1127	1200	7.47	cps
Potassium	39-2	900131	896354	894599	897028	0.32	cps
Rhodium	103-1	14774171	14832455	14612231	14739619	0.77	cps
Rhodium	103-2	9058483	8956108	9026411	9013668	0.58	cps
Scandium	45-1	8729643	8617377	8698419	8681813	0.67	cps
Scandium	45-2	755562	748748	750185	751498	0.48	cps
Selenium	82-1	3664	3512	3413	3530	3.58	cps
Selenium	77-2	373	317	280	323	14.54	cps
Selenium	78-2	1767	1697	1650	1705	3.45	cps
Silicon	28-1	1299058	1317993	1347272	1321441	1.84	cps
Silver	107-1	44779	46110	46788	45892	2.23	cps
Silver	109-1	43188	44521	43405	43705	1.64	cps
Sodium	23-2	977871	972137	975598	975202	0.30	cps
Strontium	86-1	11294	11875	11481	11550	2.57	cps
Strontium	88-1	98681	98675	98695	98684	0.01	cps
Sulfur	34-1	252716	251133	250219	251356	0.50	cps
Terbium	159-1	19070559	18612043	18462560	18715054	1.69	cps
Terbium	159-2	13553952	13479576	13608293	13547274	0.48	cps
Thallium	203-1	32816	32936	32890	32881	0.18	cps
Thallium	205-1	76124	76336	78314	76925	1.57	cps
Tin	118-1	149321	148388	149328	149012	0.36	cps
Titanium	47-1	5408	5101	5441	5317	3.53	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BS	Instrumnet Name :	P7
Client Sample ID :	LCS576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:02:53	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	92824	93616	93190	93210	0.43	cps
Vanadium	51-2	63530	62445	63192	63056	0.88	cps
Yttrium	89-1	18580661	18374554	18261321	18405512	0.88	cps
Yttrium	89-2	5150177	5092565	5059407	5100716	0.90	cps
Zinc	66-2	15111	15121	15235	15156	0.45	cps
Zirconium	90-1	54128	53946	53112	53729	1.01	cps
Zirconium	91-1	12325	12936	11515	12259	5.82	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:06:06	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7939	8062	8746	8249	5.27	cps
Antimony	121-1	35120	35698	36105	35641	1.39	cps
Arsenic	75-2	1020	973	1027	1007	2.89	cps
Barium	135-1	43747	42807	43336	43297	1.09	cps
Barium	137-1	73378	72973	72835	73062	0.39	cps
Beryllium	9-1	1990	1850	1933	1925	3.66	cps
Bismuth	209-1	11088155	10986031	10825487	10966557	1.21	cps
Bismuth	209-2	9740078	9684302	9662137	9695506	0.41	cps
Bromine	81-1	15525	15438	15618	15527	0.58	cps
Bromine	81-2	143	170	127	147	14.90	cps
Cadmium	108-1	353	400	343	366	8.27	cps
Cadmium	106-1	5414	4838	5194	5149	5.65	cps
Cadmium	111-1	8250	7684	8000	7978	3.56	cps
Calcium	43-1	24994	24600	24984	24859	0.90	cps
Calcium	44-1	413977	416292	412468	414246	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17106	16903	16870	16960	0.76	cps
Cobalt	59-2	11775	11548	12068	11797	2.21	cps
Copper	63-2	18745	17874	18575	18398	2.51	cps
Dysprosium	156-1	23	13	3	13	75.02	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	73	47	53	58	24.02	cps
Erbium	164-2	63	57	40	53	22.53	cps
Gadolinium	160-1	53	63	80	66	20.55	cps
Gadolinium	160-2	740	780	810	777	4.52	cps
Holmium	165-1	18465928	18163207	18319028	18316054	0.83	cps
Holmium	165-2	13778870	13531470	13551620	13620653	1.01	cps
Indium	115-1	15958465	15746799	15723953	15809739	0.82	cps
Indium	115-2	5902599	5830288	5775321	5836069	1.09	cps
Iron	56-2	1379213	1376352	1373791	1376452	0.20	cps
Iron	57-2	36347	36237	36745	36443	0.73	cps
Iron	54-2	79813	78614	79013	79146	0.77	cps
Krypton	83-1	337	323	270	310	11.38	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:06:06	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14725	14198	14268	14397	1.99	cps
Lead	207-1	12416	12149	12419	12328	1.26	cps
Lead	208-1	45220	45212	45329	45254	0.14	cps
Lithium	6-1	1968087	1941141	1928959	1946062	1.03	cps
Magnesium	24-2	297406	293919	298985	296770	0.87	cps
Manganese	55-2	6361	6411	6672	6481	2.57	cps
Molybdenum	94-1	35663	35627	34908	35400	1.20	cps
Molybdenum	95-1	44925	45146	44608	44893	0.60	cps
Molybdenum	96-1	49634	50186	50430	50083	0.81	cps
Molybdenum	97-1	28274	28625	28772	28557	0.90	cps
Molybdenum	98-1	72820	73410	72532	72921	0.61	cps
Neodymium	150-1	7	13	10	10	33.30	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	3801	3794	3751	3782	0.72	cps
Phosphorus	31-2	770	687	827	761	9.25	cps
Potassium	39-2	490442	486700	489133	488758	0.39	cps
Rhodium	103-1	14767521	14896231	14671164	14778305	0.76	cps
Rhodium	103-2	9049343	8987672	9015235	9017416	0.34	cps
Scandium	45-1	8821224	8617447	8708482	8715717	1.17	cps
Scandium	45-2	755339	752998	747860	752066	0.51	cps
Selenium	82-1	2138	2235	2188	2187	2.20	cps
Selenium	77-2	137	140	180	152	15.84	cps
Selenium	78-2	1183	1043	1113	1113	6.29	cps
Silicon	28-1	1227193	1241521	1262704	1243806	1.44	cps
Silver	107-1	23265	23362	23596	23408	0.73	cps
Silver	109-1	21770	22718	22327	22272	2.14	cps
Sodium	23-2	511444	506739	514332	510838	0.75	cps
Strontium	86-1	6165	6161	5985	6104	1.69	cps
Strontium	88-1	50232	49326	49771	49776	0.91	cps
Sulfur	34-1	246788	249027	246870	247561	0.51	cps
Terbium	159-1	18706905	18744666	18656883	18702818	0.24	cps
Terbium	159-2	13444745	13372641	13511760	13443049	0.52	cps
Thallium	203-1	16861	17241	16857	16986	1.30	cps
Thallium	205-1	40129	40276	39841	40082	0.55	cps
Tin	118-1	77487	76163	75942	76531	1.09	cps
Titanium	47-1	2834	2760	2900	2831	2.47	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165576BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD576	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:06:06	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45618	45959	45885	45821	0.39	cps
Vanadium	51-2	31850	30728	31316	31298	1.79	cps
Yttrium	89-1	18581541	18405088	18410028	18465553	0.54	cps
Yttrium	89-2	5144732	5142873	5173195	5153600	0.33	cps
Zinc	66-2	8166	7859	7972	7999	1.94	cps
Zirconium	90-1	28998	28217	27017	28078	3.55	cps
Zirconium	91-1	5671	6208	6288	6056	5.54	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BL	Instrumnet Name :	P7
Client Sample ID :	PBS578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:09:22	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	263	280	273	3.23	cps
Antimony	121-1	67	127	87	93	32.73	cps
Arsenic	75-2	7	10	7	8	24.71	cps
Barium	135-1	93	70	80	81	14.43	cps
Barium	137-1	87	110	110	102	13.18	cps
Beryllium	9-1	60	47	63	57	15.56	cps
Bismuth	209-1	11127094	10982929	10974355	11028126	0.78	cps
Bismuth	209-2	9758351	9853920	9658266	9756846	1.00	cps
Bromine	81-1	15532	15475	15805	15604	1.13	cps
Bromine	81-2	203	203	170	192	10.01	cps
Cadmium	108-1	17	10	13	13	25.01	cps
Cadmium	106-1	4848	4451	4637	4645	4.27	cps
Cadmium	111-1	3412	3139	3257	3269	4.19	cps
Calcium	43-1	450	470	427	449	4.83	cps
Calcium	44-1	19644	19567	19423	19545	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2710	2804	2584	2699	4.09	cps
Cobalt	59-2	177	200	190	189	6.20	cps
Copper	63-2	1163	1223	1160	1182	3.01	cps
Dysprosium	156-1	7	7	10	8	24.71	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	93	83	57	78	24.37	cps
Erbium	164-2	50	43	63	52	19.50	cps
Gadolinium	160-1	80	70	50	67	22.91	cps
Gadolinium	160-2	820	803	790	804	1.87	cps
Holmium	165-1	18158175	17996368	18058990	18071177	0.45	cps
Holmium	165-2	13639500	13566127	13643961	13616529	0.32	cps
Indium	115-1	15677262	15359245	15445154	15493887	1.06	cps
Indium	115-2	5930722	5852325	5820972	5868007	0.96	cps
Iron	56-2	25355	25058	25248	25220	0.60	cps
Iron	57-2	1480	1597	1693	1590	6.72	cps
Iron	54-2	3287	3217	3167	3224	1.87	cps
Krypton	83-1	297	363	320	327	10.36	cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BL	Instrumnet Name :	P7
Client Sample ID :	PBS578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:09:22	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1057	1117	1137	1103	3.77	cps
Lead	207-1	1027	920	937	961	5.97	cps
Lead	208-1	3692	3530	3638	3620	2.27	cps
Lithium	6-1	1972212	1935227	1952894	1953444	0.95	cps
Magnesium	24-2	950	907	887	914	3.54	cps
Manganese	55-2	567	460	440	489	13.93	cps
Molybdenum	94-1	520	497	513	510	2.36	cps
Molybdenum	95-1	213	317	280	270	19.40	cps
Molybdenum	96-1	410	403	393	402	2.09	cps
Molybdenum	97-1	190	150	167	169	11.90	cps
Molybdenum	98-1	420	477	440	446	6.45	cps
Neodymium	150-1	17	3	13	11	62.48	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	833	880	913	876	4.59	cps
Phosphorus	31-2	253	190	227	223	14.24	cps
Potassium	39-2	70874	70971	71296	71047	0.31	cps
Rhodium	103-1	14845070	14938866	14707833	14830589	0.78	cps
Rhodium	103-2	9128751	8936861	8978338	9014650	1.12	cps
Scandium	45-1	8831931	8652103	8547321	8677118	1.66	cps
Scandium	45-2	755281	754068	749063	752804	0.44	cps
Selenium	82-1	855	721	732	769	9.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	597	647	647	630	4.58	cps
Silicon	28-1	1171349	870151	1160681	1067393	16.01	cps
Silver	107-1	437	330	407	391	14.06	cps
Silver	109-1	310	227	237	258	17.65	cps
Sodium	23-2	39069	37846	37723	38213	1.95	cps
Strontium	86-1	590	563	547	567	3.86	cps
Strontium	88-1	317	313	413	348	16.33	cps
Sulfur	34-1	249813	247652	246439	247968	0.69	cps
Terbium	159-1	18698230	18537461	18542907	18592866	0.49	cps
Terbium	159-2	13597458	13439750	13398835	13478681	0.78	cps
Thallium	203-1	677	637	710	674	5.44	cps
Thallium	205-1	1727	1833	1767	1776	3.04	cps
Tin	118-1	2894	3024	3067	2995	3.01	cps
Titanium	47-1	150	103	107	120	21.70	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BL	Instrumnet Name :	P7
Client Sample ID :	PBS578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:09:22	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	40	17	27	45.07	cps
Vanadium	51-2	10	27	23	20	44.10	cps
Yttrium	89-1	18664453	18300022	18426884	18463786	1.00	cps
Yttrium	89-2	5244027	5110237	5097472	5150579	1.58	cps
Zinc	66-2	703	590	590	628	10.42	cps
Zirconium	90-1	1033	1077	1100	1070	3.16	cps
Zirconium	91-1	187	237	210	211	11.85	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BS	Instrumnet Name :	P7
Client Sample ID :	LCS578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:12:36	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15571	16185	15998	15918	1.98	cps
Antimony	121-1	70207	69748	70368	70107	0.46	cps
Arsenic	75-2	2167	2054	2007	2076	3.96	cps
Barium	135-1	84934	84911	85176	85007	0.17	cps
Barium	137-1	146809	146011	147276	146699	0.44	cps
Beryllium	9-1	3911	3891	3690	3831	3.18	cps
Bismuth	209-1	11345204	11270093	10959204	11191500	1.83	cps
Bismuth	209-2	9888947	9696977	9820496	9802140	0.99	cps
Bromine	81-1	15712	16342	16036	16030	1.97	cps
Bromine	81-2	130	143	93	122	21.19	cps
Cadmium	108-1	647	657	740	681	7.52	cps
Cadmium	106-1	5815	5658	5808	5760	1.54	cps
Cadmium	111-1	12814	12907	12827	12849	0.39	cps
Calcium	43-1	48190	48648	48066	48301	0.63	cps
Calcium	44-1	804740	805936	806700	805792	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31049	30701	29930	30560	1.87	cps
Cobalt	59-2	23956	23488	23402	23615	1.26	cps
Copper	63-2	36050	36702	36434	36395	0.90	cps
Dysprosium	156-1	17	7	20	14	48.02	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	60	103	73	79	28.13	cps
Erbium	164-2	43	57	53	51	13.58	cps
Gadolinium	160-1	77	33	43	51	44.40	cps
Gadolinium	160-2	787	793	847	809	4.07	cps
Holmium	165-1	18536289	18366571	18507370	18470077	0.49	cps
Holmium	165-2	13805844	13713846	13801364	13773685	0.38	cps
Indium	115-1	15684179	15682514	15733490	15700061	0.18	cps
Indium	115-2	5940346	5972586	5937235	5950056	0.33	cps
Iron	56-2	2701452	2679586	2716556	2699198	0.69	cps
Iron	57-2	71261	70953	71007	71074	0.23	cps
Iron	54-2	154315	154728	154284	154442	0.16	cps
Krypton	83-1	310	417	327	351	16.34	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BS	Instrumnet Name :	P7
Client Sample ID :	LCS578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:12:36	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26716	26973	26466	26718	0.95	cps
Lead	207-1	23183	22549	23370	23034	1.87	cps
Lead	208-1	85930	83921	84919	84924	1.18	cps
Lithium	6-1	2025814	2019900	2016814	2020843	0.23	cps
Magnesium	24-2	584928	585797	586742	585822	0.15	cps
Manganese	55-2	12225	11938	11771	11978	1.92	cps
Molybdenum	94-1	72448	70549	71706	71568	1.34	cps
Molybdenum	95-1	88891	89032	88130	88684	0.55	cps
Molybdenum	96-1	98522	98083	99052	98552	0.49	cps
Molybdenum	97-1	54909	55705	55836	55483	0.90	cps
Molybdenum	98-1	143059	144709	141729	143166	1.04	cps
Neodymium	150-1	10	3	17	10	66.70	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	6598	6815	6578	6664	1.97	cps
Phosphorus	31-2	1163	1183	1203	1183	1.69	cps
Potassium	39-2	897346	896964	901181	898497	0.26	cps
Rhodium	103-1	15317802	14844421	14927935	15030053	1.68	cps
Rhodium	103-2	9155753	9156788	9197878	9170140	0.26	cps
Scandium	45-1	8816053	8855573	8789020	8820215	0.38	cps
Scandium	45-2	762762	757389	768207	762786	0.71	cps
Selenium	82-1	3784	3528	3734	3682	3.69	cps
Selenium	77-2	320	307	290	306	4.92	cps
Selenium	78-2	1603	1640	1683	1642	2.44	cps
Silicon	28-1	1349317	1343833	1346341	1346497	0.20	cps
Silver	107-1	45665	46287	46183	46045	0.72	cps
Silver	109-1	42388	43388	43589	43122	1.49	cps
Sodium	23-2	966475	970480	974196	970384	0.40	cps
Strontium	86-1	11618	11852	11822	11764	1.08	cps
Strontium	88-1	97037	97745	98272	97685	0.63	cps
Sulfur	34-1	251490	253763	254061	253105	0.56	cps
Terbium	159-1	19102706	18917283	18709496	18909828	1.04	cps
Terbium	159-2	13735338	13709444	13656850	13700544	0.29	cps
Thallium	203-1	32415	32375	32278	32356	0.22	cps
Thallium	205-1	74663	76476	78153	76431	2.28	cps
Tin	118-1	150302	148297	147887	148828	0.87	cps
Titanium	47-1	5338	5231	5254	5274	1.06	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BS	Instrumnet Name :	P7
Client Sample ID :	LCS578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:12:36	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	91639	91156	90662	91152	0.54	cps
Vanadium	51-2	64202	63955	62984	63714	1.01	cps
Yttrium	89-1	18722293	18666637	18491358	18626763	0.65	cps
Yttrium	89-2	5274479	5182471	5230187	5229046	0.88	cps
Zinc	66-2	14380	14928	14964	14757	2.22	cps
Zirconium	90-1	53931	53504	55730	54388	2.17	cps
Zirconium	91-1	11818	12105	12292	12072	1.98	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:15:52	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8059	8009	8026	8031	0.32	cps
Antimony	121-1	34906	35768	35634	35436	1.31	cps
Arsenic	75-2	1013	1080	1073	1056	3.48	cps
Barium	135-1	42697	43673	43169	43180	1.13	cps
Barium	137-1	73562	73666	74236	73821	0.49	cps
Beryllium	9-1	2043	1767	1913	1908	7.26	cps
Bismuth	209-1	11251799	11261248	11031463	11181503	1.16	cps
Bismuth	209-2	9880788	9893962	9837291	9870680	0.30	cps
Bromine	81-1	15805	16146	16486	16146	2.11	cps
Bromine	81-2	133	193	153	160	19.09	cps
Cadmium	108-1	370	347	360	359	3.26	cps
Cadmium	106-1	5378	4934	5048	5120	4.50	cps
Cadmium	111-1	8373	7735	7902	8003	4.13	cps
Calcium	43-1	24934	24740	24613	24762	0.65	cps
Calcium	44-1	416201	414690	414077	414990	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16576	17106	16623	16768	1.75	cps
Cobalt	59-2	12232	11711	11751	11898	2.43	cps
Copper	63-2	18905	18999	18535	18813	1.30	cps
Dysprosium	156-1	7	13	17	12	41.65	cps
Dysprosium	156-2	17	3	10	10	66.70	cps
Erbium	164-1	77	50	50	59	26.15	cps
Erbium	164-2	43	73	63	60	25.46	cps
Gadolinium	160-1	80	100	50	77	32.83	cps
Gadolinium	160-2	730	807	757	764	5.09	cps
Holmium	165-1	18707723	18570393	18286106	18521407	1.16	cps
Holmium	165-2	13736340	14029834	13828261	13864812	1.08	cps
Indium	115-1	15820076	15599522	15569167	15662922	0.87	cps
Indium	115-2	5904578	5906583	5948992	5920051	0.42	cps
Iron	56-2	1371874	1374753	1355574	1367400	0.76	cps
Iron	57-2	36427	36631	35522	36193	1.63	cps
Iron	54-2	79056	78382	79874	79104	0.94	cps
Krypton	83-1	347	247	350	314	18.67	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:15:52	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13934	14188	14007	14043	0.93	cps
Lead	207-1	12409	12246	12569	12408	1.30	cps
Lead	208-1	44818	44983	45143	44981	0.36	cps
Lithium	6-1	2033549	2014596	2025385	2024510	0.47	cps
Magnesium	24-2	298573	297945	295917	297478	0.47	cps
Manganese	55-2	6348	6238	6081	6222	2.15	cps
Molybdenum	94-1	36048	35089	34768	35302	1.89	cps
Molybdenum	95-1	45190	44678	44905	44924	0.57	cps
Molybdenum	96-1	49751	50266	50273	50097	0.60	cps
Molybdenum	97-1	28528	27723	27827	28026	1.56	cps
Molybdenum	98-1	73430	72318	73052	72933	0.78	cps
Neodymium	150-1	10	13	10	11	17.30	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	3971	3997	3677	3882	4.58	cps
Phosphorus	31-2	680	747	740	722	5.08	cps
Potassium	39-2	487987	487459	487356	487601	0.07	cps
Rhodium	103-1	15196479	14888319	15011783	15032193	1.03	cps
Rhodium	103-2	9046325	9132629	9183070	9120675	0.76	cps
Scandium	45-1	8761945	8740924	8710051	8737640	0.30	cps
Scandium	45-2	759878	761472	760578	760643	0.11	cps
Selenium	82-1	2309	2317	2282	2303	0.80	cps
Selenium	77-2	137	187	193	172	17.98	cps
Selenium	78-2	1147	1200	1043	1130	7.05	cps
Silicon	28-1	1250799	1252133	1243711	1248881	0.36	cps
Silver	107-1	23202	23225	23192	23206	0.07	cps
Silver	109-1	22053	22404	22110	22189	0.85	cps
Sodium	23-2	511243	509806	506784	509278	0.45	cps
Strontium	86-1	6198	6071	6048	6106	1.32	cps
Strontium	88-1	49610	49911	49540	49687	0.40	cps
Sulfur	34-1	255526	259081	256980	257195	0.69	cps
Terbium	159-1	18983491	19302268	19151638	19145799	0.83	cps
Terbium	159-2	13769662	13665018	13506164	13646948	0.97	cps
Thallium	203-1	17238	17448	17505	17397	0.81	cps
Thallium	205-1	40289	40323	40062	40225	0.35	cps
Tin	118-1	77052	76947	76542	76847	0.35	cps
Titanium	47-1	2807	2827	2754	2796	1.36	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	PB165578BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD578	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:15:52	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45992	45742	45839	45858	0.28	cps
Vanadium	51-2	31753	32532	31690	31992	1.47	cps
Yttrium	89-1	18799955	18744284	18672571	18738937	0.34	cps
Yttrium	89-2	5180238	5237278	5178852	5198789	0.64	cps
Zinc	66-2	8146	8322	7939	8136	2.36	cps
Zirconium	90-1	28245	26535	25954	26911	4.43	cps
Zirconium	91-1	6315	5955	6518	6263	4.56	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:19:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14285595	14308555	14177277	14257143	0.49	cps
Antimony	121-1	12072	12302	12492	12289	1.71	cps
Arsenic	75-2	74743	72526	73377	73549	1.52	cps
Barium	135-1	2320393	2327544	2279736	2309224	1.12	cps
Barium	137-1	3948422	3970956	3932632	3950670	0.49	cps
Beryllium	9-1	3030	3147	3007	3061	2.45	cps
Bismuth	209-1	11936452	11554468	11356484	11615801	2.54	cps
Bismuth	209-2	9933880	10027908	9866886	9942891	0.81	cps
Bromine	81-1	18792	18505	17944	18414	2.34	cps
Bromine	81-2	900	857	873	877	2.49	cps
Cadmium	108-1	1113	1120	1013	1082	5.52	cps
Cadmium	106-1	7929	7352	7012	7431	6.24	cps
Cadmium	111-1	15278	14533	14443	14751	3.11	cps
Calcium	43-1	1197871	1194670	1157771	1183437	1.88	cps
Calcium	44-1	19092626	18763828	18334098	18730184	2.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	437088	436834	436725	436882	0.04	cps
Cobalt	59-2	377190	377650	373107	375983	0.67	cps
Copper	63-2	1850801	1856289	1838370	1848486	0.50	cps
Dysprosium	156-1	163533	165013	161284	163277	1.15	cps
Dysprosium	156-2	144554	145784	145491	145276	0.44	cps
Erbium	164-1	137569	137748	135573	136963	0.88	cps
Erbium	164-2	101723	101888	100823	101478	0.56	cps
Gadolinium	160-1	154724	157538	154124	155462	1.17	cps
Gadolinium	160-2	120845	119400	118314	119520	1.06	cps
Holmium	165-1	20012909	19264953	18745848	19341237	3.29	cps
Holmium	165-2	14217204	14257217	13959377	14144600	1.14	cps
Indium	115-1	16454354	15847679	15425090	15909041	3.25	cps
Indium	115-2	5794176	5852775	5751419	5799457	0.88	cps
Iron	56-2	490724899	486700393	489212193	488879162	0.42	cps
Iron	57-2	12205848	12166210	12080585	12150881	0.53	cps
Iron	54-2	26704353	26452579	26397580	26518171	0.62	cps
Krypton	83-1	447	430	553	477	14.04	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:19:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2934132	2936889	2907394	2926138	0.56	cps
Lead	207-1	2595865	2608242	2588849	2597652	0.38	cps
Lead	208-1	9390547	9471845	9359467	9407286	0.62	cps
Lithium	6-1	2199059	2117558	2049160	2121926	3.54	cps
Magnesium	24-2	10686224	10683022	10621574	10663607	0.34	cps
Manganese	55-2	10067634	10039960	10092815	10066803	0.26	cps
Molybdenum	94-1	160633	161624	158385	160214	1.04	cps
Molybdenum	95-1	7962	8199	8136	8099	1.51	cps
Molybdenum	96-1	40446	39807	38932	39728	1.91	cps
Molybdenum	97-1	4911	5004	4848	4921	1.60	cps
Molybdenum	98-1	12826	12852	12689	12789	0.69	cps
Neodymium	150-1	290124	289439	286781	288781	0.61	cps
Neodymium	150-2	180418	179360	177388	179055	0.86	cps
Nickel	60-2	214559	211249	212760	212856	0.78	cps
Phosphorus	31-2	54741	54366	53443	54183	1.23	cps
Potassium	39-2	9376771	9482493	9362558	9407274	0.70	cps
Rhodium	103-1	15562064	14910390	14462606	14978353	3.69	cps
Rhodium	103-2	8810713	8783729	8857909	8817450	0.43	cps
Scandium	45-1	9631724	9235478	8941885	9269696	3.73	cps
Scandium	45-2	763245	764969	760791	763002	0.28	cps
Selenium	82-1	1354	1271	1186	1270	6.63	cps
Selenium	77-2	453	510	417	460	10.22	cps
Selenium	78-2	1060	1047	1003	1037	2.86	cps
Silicon	28-1	27302707	27469349	26868379	27213478	1.14	cps
Silver	107-1	17544	17901	17297	17581	1.73	cps
Silver	109-1	16583	16807	16376	16588	1.30	cps
Sodium	23-2	153321	151820	152496	152546	0.49	cps
Strontium	86-1	760869	753237	742284	752130	1.24	cps
Strontium	88-1	6695875	6663349	6502124	6620449	1.57	cps
Sulfur	34-1	317855	305776	291828	305153	4.27	cps
Terbium	159-1	20448678	19653360	19359049	19820362	2.84	cps
Terbium	159-2	14123327	14039825	14141315	14101489	0.38	cps
Thallium	203-1	6292	6492	6492	6425	1.80	cps
Thallium	205-1	15132	15022	15729	15294	2.49	cps
Tin	118-1	575305	576865	570076	574082	0.62	cps
Titanium	47-1	1022368	1016500	989391	1009420	1.74	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:19:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45969	45996	46116	46027	0.17	cps
Vanadium	51-2	714186	718076	712858	715040	0.38	cps
Yttrium	89-1	21791192	21127326	20478148	21132222	3.11	cps
Yttrium	89-2	5656680	5577582	5632879	5622380	0.72	cps
Zinc	66-2	843470	845437	840575	843161	0.29	cps
Zirconium	90-1	425013	423373	414101	420829	1.40	cps
Zirconium	91-1	94085	94261	92224	93524	1.21	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:22:07	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13966198	13870287	13892634	13909706	0.36	cps
Antimony	121-1	10841	11104	11154	11033	1.53	cps
Arsenic	75-2	73152	72583	72392	72709	0.54	cps
Barium	135-1	2205062	2227633	2140357	2191017	2.07	cps
Barium	137-1	3754038	3751146	3723914	3743033	0.44	cps
Beryllium	9-1	2980	2800	2904	2895	3.12	cps
Bismuth	209-1	11416339	11314319	11282019	11337559	0.62	cps
Bismuth	209-2	9852650	9838082	9810860	9833864	0.22	cps
Bromine	81-1	17534	17561	17537	17544	0.08	cps
Bromine	81-2	943	900	940	928	2.60	cps
Cadmium	108-1	1053	1007	1043	1034	2.38	cps
Cadmium	106-1	6968	6912	6832	6904	0.99	cps
Cadmium	111-1	14001	14017	13999	14005	0.07	cps
Calcium	43-1	1133476	1138451	1118178	1130035	0.93	cps
Calcium	44-1	17938921	17694331	17670841	17768031	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	425149	422822	423847	423939	0.28	cps
Cobalt	59-2	371879	371537	371522	371646	0.05	cps
Copper	63-2	1707936	1727417	1682602	1705985	1.32	cps
Dysprosium	156-1	158314	159245	158034	158531	0.40	cps
Dysprosium	156-2	142046	143083	142821	142650	0.38	cps
Erbium	164-1	134947	132100	132891	133313	1.10	cps
Erbium	164-2	99299	99565	99490	99452	0.14	cps
Gadolinium	160-1	154066	152260	150407	152244	1.20	cps
Gadolinium	160-2	119528	117164	118243	118312	1.00	cps
Holmium	165-1	18920485	18762929	18697886	18793767	0.61	cps
Holmium	165-2	14092437	14016528	14083573	14064179	0.30	cps
Indium	115-1	15398293	15340000	15179909	15306068	0.74	cps
Indium	115-2	5755757	5809049	5799730	5788179	0.49	cps
Iron	56-2	483042419	482389366	481969233	482467006	0.11	cps
Iron	57-2	11962099	12061464	11987446	12003670	0.43	cps
Iron	54-2	26298210	26004645	25849609	26050822	0.87	cps
Krypton	83-1	483	467	490	480	2.50	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:22:07	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2714503	2708865	2677176	2700181	0.75	cps
Lead	207-1	2416708	2408033	2353783	2392841	1.43	cps
Lead	208-1	8721024	8685027	8647793	8684615	0.42	cps
Lithium	6-1	2031053	1985454	1993950	2003486	1.21	cps
Magnesium	24-2	10492408	10442529	10511081	10482006	0.34	cps
Manganese	55-2	9953506	9782934	9782362	9839601	1.00	cps
Molybdenum	94-1	158500	157352	157668	157840	0.38	cps
Molybdenum	95-1	7769	7692	7682	7714	0.61	cps
Molybdenum	96-1	37822	38140	37608	37857	0.71	cps
Molybdenum	97-1	4741	4941	4774	4819	2.22	cps
Molybdenum	98-1	11942	11902	12155	11999	1.14	cps
Neodymium	150-1	282575	280131	279930	280879	0.52	cps
Neodymium	150-2	177432	177864	175626	176974	0.67	cps
Nickel	60-2	191692	193811	192489	192664	0.56	cps
Phosphorus	31-2	54145	53299	53587	53677	0.80	cps
Potassium	39-2	9251518	9116022	9152019	9173186	0.77	cps
Rhodium	103-1	14551736	14532576	14254190	14446167	1.15	cps
Rhodium	103-2	8883525	8794221	8770237	8815994	0.68	cps
Scandium	45-1	9120563	8975112	8774221	8956632	1.94	cps
Scandium	45-2	766519	763029	761875	763808	0.32	cps
Selenium	82-1	1244	1177	1250	1224	3.29	cps
Selenium	77-2	420	490	543	484	12.77	cps
Selenium	78-2	1027	990	950	989	3.88	cps
Silicon	28-1	26246164	26072645	26024038	26114282	0.45	cps
Silver	107-1	17080	17110	16786	16992	1.05	cps
Silver	109-1	15789	16082	15669	15847	1.34	cps
Sodium	23-2	149436	149598	150308	149781	0.31	cps
Strontium	86-1	717913	711129	704231	711091	0.96	cps
Strontium	88-1	6265479	6324158	6183382	6257673	1.13	cps
Sulfur	34-1	270551	269810	265167	268509	1.09	cps
Terbium	159-1	19794413	19382783	19131847	19436348	1.72	cps
Terbium	159-2	14032690	13742849	13788909	13854816	1.12	cps
Thallium	203-1	6195	6442	6161	6266	2.44	cps
Thallium	205-1	15005	14374	14354	14578	2.54	cps
Tin	118-1	466099	461757	460667	462841	0.62	cps
Titanium	47-1	950939	946446	931731	943039	1.07	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:22:07	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45471	45517	44875	45288	0.79	cps
Vanadium	51-2	700613	693271	687360	693748	0.96	cps
Yttrium	89-1	20553366	20303048	20194216	20350210	0.90	cps
Yttrium	89-2	5558020	5615550	5643932	5605834	0.78	cps
Zinc	66-2	803974	795561	799402	799646	0.53	cps
Zirconium	90-1	412929	412712	411170	412271	0.23	cps
Zirconium	91-1	92761	91369	91687	91939	0.79	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 15:25:08	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2875645	2874351	2871287	2873761	0.08	cps
Antimony	121-1	2444	2504	2460	2469	1.25	cps
Arsenic	75-2	15008	14858	14881	14915	0.54	cps
Barium	135-1	438650	439495	439989	439378	0.15	cps
Barium	137-1	758857	760015	755929	758267	0.28	cps
Beryllium	9-1	590	657	620	622	5.37	cps
Bismuth	209-1	11365828	11273215	11190342	11276462	0.78	cps
Bismuth	209-2	9951278	9809424	9809403	9856702	0.83	cps
Bromine	81-1	15492	15502	15365	15453	0.49	cps
Bromine	81-2	290	287	363	313	13.83	cps
Cadmium	108-1	233	203	173	203	14.75	cps
Cadmium	106-1	5111	4784	4744	4880	4.12	cps
Cadmium	111-1	5558	5243	5093	5298	4.48	cps
Calcium	43-1	233208	232565	229589	231787	0.83	cps
Calcium	44-1	3623129	3591129	3617334	3610531	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90650	89695	89111	89819	0.87	cps
Cobalt	59-2	76138	76155	74698	75664	1.11	cps
Copper	63-2	376044	373076	371448	373523	0.62	cps
Dysprosium	156-1	31188	31418	31175	31260	0.44	cps
Dysprosium	156-2	29187	28122	28512	28607	1.88	cps
Erbium	164-1	26605	26285	27160	26683	1.66	cps
Erbium	164-2	20532	19801	19674	20002	2.32	cps
Gadolinium	160-1	30149	30223	30871	30414	1.31	cps
Gadolinium	160-2	23957	23697	24034	23896	0.74	cps
Holmium	165-1	18880110	18641040	18260276	18593809	1.68	cps
Holmium	165-2	14059305	13755517	13844179	13886334	1.12	cps
Indium	115-1	15620278	15521765	15396653	15512899	0.72	cps
Indium	115-2	5896642	5875316	5875504	5882487	0.21	cps
Iron	56-2	99234212	99366875	98325099	98975395	0.57	cps
Iron	57-2	2449959	2461030	2443243	2451411	0.37	cps
Iron	54-2	5407248	5392461	5305214	5368308	1.03	cps
Krypton	83-1	297	300	320	306	4.13	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 15:25:08	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	571444	571983	561720	568382	1.02	cps
Lead	207-1	499360	497463	498894	498572	0.20	cps
Lead	208-1	1809160	1807336	1800730	1805742	0.25	cps
Lithium	6-1	1976765	1937766	1955712	1956748	1.00	cps
Magnesium	24-2	2157022	2141458	2134574	2144352	0.54	cps
Manganese	55-2	2100523	2066350	2041540	2069471	1.43	cps
Molybdenum	94-1	31060	30432	30973	30821	1.10	cps
Molybdenum	95-1	1927	1700	1753	1793	6.61	cps
Molybdenum	96-1	8076	7869	7812	7919	1.75	cps
Molybdenum	97-1	1200	980	1107	1096	10.08	cps
Molybdenum	98-1	2827	2634	2627	2696	4.21	cps
Neodymium	150-1	56131	56831	55358	56107	1.31	cps
Neodymium	150-2	35692	35334	34750	35259	1.35	cps
Nickel	60-2	44228	43834	43804	43955	0.54	cps
Phosphorus	31-2	11017	11021	10911	10983	0.57	cps
Potassium	39-2	1960291	1976879	1941004	1959391	0.92	cps
Rhodium	103-1	14753204	14603072	14381110	14579129	1.28	cps
Rhodium	103-2	9097082	9036552	8988830	9040821	0.60	cps
Scandium	45-1	8755639	8621202	8524814	8633885	1.34	cps
Scandium	45-2	744129	746477	747223	745943	0.22	cps
Selenium	82-1	875	884	841	867	2.57	cps
Selenium	77-2	90	113	83	96	16.49	cps
Selenium	78-2	690	620	637	649	5.63	cps
Silicon	28-1	6016212	6065793	6075139	6052381	0.52	cps
Silver	107-1	3704	3540	3557	3600	2.50	cps
Silver	109-1	3497	3360	3427	3428	1.99	cps
Sodium	23-2	58072	58755	58219	58349	0.62	cps
Strontium	86-1	147507	147480	146393	147126	0.43	cps
Strontium	88-1	1292852	1288275	1277213	1286114	0.63	cps
Sulfur	34-1	194474	195264	194906	194881	0.20	cps
Terbium	159-1	19313121	19084886	18846493	19081500	1.22	cps
Terbium	159-2	13718776	13839982	13671552	13743437	0.63	cps
Thallium	203-1	2074	2264	2097	2145	4.83	cps
Thallium	205-1	4861	4701	4671	4744	2.15	cps
Tin	118-1	115075	114534	114151	114586	0.41	cps
Titanium	47-1	196268	196694	193493	195485	0.89	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 15:25:08	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8996	8926	8963	8962	0.39	cps
Vanadium	51-2	143798	142936	143579	143437	0.31	cps
Yttrium	89-1	18877911	18762640	18552181	18730911	0.88	cps
Yttrium	89-2	5244842	5265350	5140885	5217026	1.28	cps
Zinc	66-2	172586	172901	170561	172016	0.74	cps
Zirconium	90-1	80697	80264	80010	80324	0.43	cps
Zirconium	91-1	17637	17924	17974	17845	1.02	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:28:17	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14659191	14760700	14570865	14663585	0.65	cps
Antimony	121-1	1391893	1425417	1402477	1406595	1.22	cps
Arsenic	75-2	104407	103940	104246	104198	0.23	cps
Barium	135-1	9323879	9310171	9247249	9293766	0.44	cps
Barium	137-1	15784071	15995498	15840267	15873279	0.69	cps
Beryllium	9-1	73382	76139	74812	74778	1.84	cps
Bismuth	209-1	12106548	11415382	10989027	11503652	4.90	cps
Bismuth	209-2	9799268	9838311	9834065	9823881	0.22	cps
Bromine	81-1	16853	16669	16653	16725	0.66	cps
Bromine	81-2	853	827	913	864	5.13	cps
Cadmium	108-1	13043	13266	13390	13233	1.33	cps
Cadmium	106-1	23335	23325	23142	23268	0.47	cps
Cadmium	111-1	197034	199817	196836	197896	0.84	cps
Calcium	43-1	1141643	1152986	1138114	1144248	0.68	cps
Calcium	44-1	17962898	18079904	17910568	17984456	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1535082	1565819	1542413	1547771	1.04	cps
Cobalt	59-2	4795970	4804708	4822743	4807807	0.28	cps
Copper	63-2	3359783	3333577	3370046	3354468	0.56	cps
Dysprosium	156-1	158045	161338	158180	159187	1.17	cps
Dysprosium	156-2	144238	144394	145305	144646	0.40	cps
Erbium	164-1	132855	135674	135024	134518	1.10	cps
Erbium	164-2	99356	101297	99937	100197	0.99	cps
Gadolinium	160-1	151243	155704	154608	153852	1.51	cps
Gadolinium	160-2	120327	120197	119696	120073	0.28	cps
Holmium	165-1	20148428	18909810	18234236	19097491	5.08	cps
Holmium	165-2	14156946	14054540	13949865	14053784	0.74	cps
Indium	115-1	16584808	15411941	14898575	15631775	5.53	cps
Indium	115-2	5716199	5773988	5780517	5756901	0.61	cps
Iron	56-2	496421926	495815993	490315033	494184317	0.68	cps
Iron	57-2	12232331	12180194	12239307	12217277	0.26	cps
Iron	54-2	26767700	26771110	26732025	26756945	0.08	cps
Krypton	83-1	543	507	517	522	3.63	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:28:17	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3059925	3097692	3099823	3085814	0.73	cps
Lead	207-1	2715609	2776838	2725816	2739421	1.20	cps
Lead	208-1	9850623	9918236	9847043	9871967	0.41	cps
Lithium	6-1	2105655	1984104	1917988	2002582	4.75	cps
Magnesium	24-2	10597787	10463298	10526085	10529057	0.64	cps
Manganese	55-2	12351203	12343557	12245557	12313439	0.48	cps
Molybdenum	94-1	155294	158920	156614	156943	1.17	cps
Molybdenum	95-1	8069	7775	8129	7991	2.37	cps
Molybdenum	96-1	37505	39343	39172	38673	2.63	cps
Molybdenum	97-1	5024	5098	4838	4986	2.69	cps
Molybdenum	98-1	12576	12809	12792	12726	1.02	cps
Neodymium	150-1	279923	285266	286761	283983	1.27	cps
Neodymium	150-2	179912	178488	179153	179185	0.40	cps
Nickel	60-2	1323416	1319771	1318818	1320668	0.18	cps
Phosphorus	31-2	52985	54011	53480	53492	0.96	cps
Potassium	39-2	9408570	9352382	9284897	9348616	0.66	cps
Rhodium	103-1	15474269	14683691	14015191	14724384	4.96	cps
Rhodium	103-2	8742972	8721374	8790518	8751621	0.40	cps
Scandium	45-1	9444987	8863547	8611967	8973500	4.76	cps
Scandium	45-2	755707	756688	752141	754845	0.32	cps
Selenium	82-1	21952	22459	22331	22248	1.18	cps
Selenium	77-2	2674	2660	2740	2691	1.59	cps
Selenium	78-2	8593	8626	8629	8616	0.24	cps
Silicon	28-1	26019491	26454300	26100696	26191496	0.88	cps
Silver	107-1	864267	898167	877458	879964	1.94	cps
Silver	109-1	831459	847316	847684	842153	1.10	cps
Sodium	23-2	150133	149686	149359	149726	0.26	cps
Strontium	86-1	724785	740002	730171	731653	1.05	cps
Strontium	88-1	6396391	6439637	6317163	6384397	0.97	cps
Sulfur	34-1	261739	258684	254622	258348	1.38	cps
Terbium	159-1	20787660	19366072	18681576	19611769	5.48	cps
Terbium	159-2	13718495	13959272	13779558	13819108	0.91	cps
Thallium	203-1	645108	649738	642631	645826	0.56	cps
Thallium	205-1	1528214	1539972	1542424	1536870	0.49	cps
Tin	118-1	538189	543220	537443	539618	0.58	cps
Titanium	47-1	964620	980477	970840	971979	0.82	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:28:17	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44872	46705	44899	45492	2.31	cps
Vanadium	51-2	3102810	3110444	3075718	3096324	0.59	cps
Yttrium	89-1	21600329	20419249	19723056	20580878	4.61	cps
Yttrium	89-2	5607774	5605687	5555151	5589537	0.53	cps
Zinc	66-2	1378584	1377623	1380478	1378895	0.11	cps
Zirconium	90-1	406135	417396	410314	411282	1.38	cps
Zirconium	91-1	91412	92928	92469	92270	0.84	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:31:14	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15028784	14988461	14737931	14918392	1.06	cps
Antimony	121-1	5057909	5057745	5048364	5054673	0.11	cps
Arsenic	75-2	176799	177292	176357	176816	0.26	cps
Barium	135-1	27450855	27644685	27352060	27482533	0.54	cps
Barium	137-1	47225781	47431386	46622071	47093079	0.89	cps
Beryllium	9-1	263498	265704	263803	264335	0.45	cps
Bismuth	209-1	11059351	11042493	10956352	11019399	0.50	cps
Bismuth	209-2	9611939	9575122	9572375	9586479	0.23	cps
Bromine	81-1	16536	16326	16342	16401	0.71	cps
Bromine	81-2	770	867	853	830	6.31	cps
Cadmium	108-1	44083	43532	44060	43892	0.71	cps
Cadmium	106-1	64777	65751	63853	64794	1.47	cps
Cadmium	111-1	665662	669401	660832	665298	0.65	cps
Calcium	43-1	1050906	1052280	1039357	1047514	0.68	cps
Calcium	44-1	16581529	16388811	16326228	16432189	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4353537	4378027	4434712	4388759	0.95	cps
Cobalt	59-2	16132508	16286701	15977229	16132146	0.96	cps
Copper	63-2	7114986	7088240	7113191	7105472	0.21	cps
Dysprosium	156-1	149212	149273	147704	148730	0.60	cps
Dysprosium	156-2	136738	135177	134745	135553	0.77	cps
Erbium	164-1	126482	124236	125333	125350	0.90	cps
Erbium	164-2	93896	94295	93701	93964	0.32	cps
Gadolinium	160-1	141220	143344	141294	141952	0.85	cps
Gadolinium	160-2	110945	111280	112194	111473	0.58	cps
Holmium	165-1	18469244	18119934	18301852	18297010	0.95	cps
Holmium	165-2	13502456	13690932	13639367	13610918	0.72	cps
Indium	115-1	14887757	14776404	14765822	14809994	0.46	cps
Indium	115-2	5556755	5535587	5504228	5532190	0.48	cps
Iron	56-2	467692593	469568220	468407966	468556260	0.20	cps
Iron	57-2	11612775	11613082	11480964	11568941	0.66	cps
Iron	54-2	25271515	25539203	25520415	25443711	0.59	cps
Krypton	83-1	473	587	450	503	14.52	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:31:14	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3503085	3494416	3497069	3498190	0.13	cps
Lead	207-1	3012366	3082214	3064815	3053131	1.19	cps
Lead	208-1	10948452	11097010	11039407	11028290	0.68	cps
Lithium	6-1	1958176	1920474	1938559	1939070	0.97	cps
Magnesium	24-2	9691093	9592546	9546193	9609944	0.77	cps
Manganese	55-2	17026866	17228718	17112594	17122726	0.59	cps
Molybdenum	94-1	145062	145743	145003	145270	0.28	cps
Molybdenum	95-1	8629	8886	8626	8714	1.71	cps
Molybdenum	96-1	37688	37431	36826	37315	1.19	cps
Molybdenum	97-1	5074	5488	5134	5232	4.27	cps
Molybdenum	98-1	13520	13960	13653	13711	1.65	cps
Neodymium	150-1	264538	268149	264666	265784	0.77	cps
Neodymium	150-2	166679	166447	166549	166559	0.07	cps
Nickel	60-2	4276412	4267683	4220575	4254890	0.71	cps
Phosphorus	31-2	48506	49042	48132	48560	0.94	cps
Potassium	39-2	8602529	8572903	8421696	8532376	1.14	cps
Rhodium	103-1	13894956	13818074	13749806	13820945	0.53	cps
Rhodium	103-2	8483060	8440110	8435794	8452988	0.31	cps
Scandium	45-1	8551315	8493773	8363135	8469408	1.14	cps
Scandium	45-2	722628	723458	716882	720989	0.50	cps
Selenium	82-1	87912	88704	87076	87897	0.93	cps
Selenium	77-2	9887	9943	10087	9972	1.03	cps
Selenium	78-2	32252	31767	32643	32221	1.36	cps
Silicon	28-1	24261521	24254228	23636023	24050591	1.49	cps
Silver	107-1	2953933	3135216	3162430	3083860	3.68	cps
Silver	109-1	2688618	2698801	2799406	2728942	2.24	cps
Sodium	23-2	141126	139609	138933	139889	0.80	cps
Strontium	86-1	675019	672215	665731	670988	0.71	cps
Strontium	88-1	6031200	5913020	5807203	5917141	1.89	cps
Sulfur	34-1	246470	244420	241573	244154	1.01	cps
Terbium	159-1	18947232	18745248	18539302	18743927	1.09	cps
Terbium	159-2	13492458	13503667	13409088	13468404	0.38	cps
Thallium	203-1	2387005	2373670	2342687	2367787	0.96	cps
Thallium	205-1	5669564	5713716	5660490	5681257	0.50	cps
Tin	118-1	486525	492394	490872	489930	0.62	cps
Titanium	47-1	888424	888270	882764	886486	0.36	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:31:14	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42467	42541	42752	42587	0.35	cps
Vanadium	51-2	9167419	9246042	9155917	9189793	0.53	cps
Yttrium	89-1	19835165	19570616	19425740	19610507	1.06	cps
Yttrium	89-2	5302323	5299813	5339166	5313767	0.41	cps
Zinc	66-2	2731513	2724133	2695127	2716924	0.71	cps
Zirconium	90-1	382504	386089	378804	382465	0.95	cps
Zirconium	91-1	84749	84806	84203	84586	0.39	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:34:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11396904	11483950	11394085	11424980	0.45	cps
Antimony	121-1	11555	11428	10838	11273	3.40	cps
Arsenic	75-2	93083	94169	94555	93936	0.81	cps
Barium	135-1	1194172	1189586	1191883	1191880	0.19	cps
Barium	137-1	2101633	2098634	2037480	2079249	1.74	cps
Beryllium	9-1	1937	2057	2043	2012	3.27	cps
Bismuth	209-1	11258897	11210113	11003263	11157424	1.22	cps
Bismuth	209-2	9611356	9676206	9725926	9671163	0.59	cps
Bromine	81-1	16957	17731	17347	17345	2.23	cps
Bromine	81-2	763	750	897	803	10.10	cps
Cadmium	108-1	703	700	703	702	0.27	cps
Cadmium	106-1	6105	6015	5841	5987	2.24	cps
Cadmium	111-1	10042	10002	9871	9972	0.90	cps
Calcium	43-1	517176	517107	514332	516205	0.31	cps
Calcium	44-1	8112999	8097262	8063830	8091364	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	382022	378136	381496	380551	0.55	cps
Cobalt	59-2	408200	408335	412975	409837	0.66	cps
Copper	63-2	872285	864805	863189	866759	0.56	cps
Dysprosium	156-1	128340	124583	126019	126314	1.50	cps
Dysprosium	156-2	113474	113548	113309	113443	0.11	cps
Erbium	164-1	106468	105813	105679	105987	0.40	cps
Erbium	164-2	80953	80305	79068	80109	1.20	cps
Gadolinium	160-1	120687	120634	119676	120332	0.47	cps
Gadolinium	160-2	94281	94418	93412	94037	0.58	cps
Holmium	165-1	18694741	18110040	18025458	18276746	1.99	cps
Holmium	165-2	13861565	13801402	13879046	13847338	0.29	cps
Indium	115-1	15117618	15018093	14841545	14992418	0.93	cps
Indium	115-2	5663891	5686259	5635065	5661738	0.45	cps
Iron	56-2	529071912	527400285	531380125	529284108	0.38	cps
Iron	57-2	13048099	13085775	13084916	13072930	0.16	cps
Iron	54-2	28935900	28560415	28481991	28659435	0.85	cps
Krypton	83-1	460	477	477	471	2.04	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:34:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1883575	1913173	1893152	1896633	0.80	cps
Lead	207-1	1621090	1617403	1608612	1615702	0.40	cps
Lead	208-1	6049081	5986495	5954607	5996727	0.80	cps
Lithium	6-1	1945823	1920270	1942127	1936073	0.71	cps
Magnesium	24-2	8423471	8289684	8349687	8354281	0.80	cps
Manganese	55-2	7416872	7455673	7351188	7407911	0.71	cps
Molybdenum	94-1	107168	106171	107769	107036	0.75	cps
Molybdenum	95-1	11892	11631	11585	11703	1.41	cps
Molybdenum	96-1	35005	33832	34217	34351	1.74	cps
Molybdenum	97-1	7322	7442	7095	7286	2.42	cps
Molybdenum	98-1	18502	18395	18565	18487	0.47	cps
Neodymium	150-1	213193	213349	212696	213080	0.16	cps
Neodymium	150-2	136049	134760	137130	135980	0.87	cps
Nickel	60-2	117852	117963	117939	117918	0.05	cps
Phosphorus	31-2	51232	51857	51680	51590	0.62	cps
Potassium	39-2	7641151	7648547	7646644	7645447	0.05	cps
Rhodium	103-1	14095688	13949784	13830741	13958737	0.95	cps
Rhodium	103-2	8551521	8622490	8652457	8608823	0.60	cps
Scandium	45-1	8669299	8530126	8465227	8554884	1.22	cps
Scandium	45-2	736074	730620	730225	732306	0.45	cps
Selenium	82-1	1034	1091	1065	1064	2.70	cps
Selenium	77-2	407	413	410	410	0.81	cps
Selenium	78-2	740	893	780	804	9.89	cps
Silicon	28-1	15527727	15603506	15643409	15591547	0.38	cps
Silver	107-1	13783	13600	12973	13452	3.16	cps
Silver	109-1	12819	12526	12632	12659	1.17	cps
Sodium	23-2	219780	219305	218629	219238	0.26	cps
Strontium	86-1	329037	329916	328264	329072	0.25	cps
Strontium	88-1	2918816	2952450	2894694	2921987	0.99	cps
Sulfur	34-1	219902	219216	220284	219801	0.25	cps
Terbium	159-1	19055650	18888892	18613246	18852596	1.19	cps
Terbium	159-2	13648551	13451035	13362614	13487400	1.09	cps
Thallium	203-1	5131	5014	5174	5107	1.62	cps
Thallium	205-1	12436	12452	12426	12438	0.11	cps
Tin	118-1	25656	26443	24394	25498	4.05	cps
Titanium	47-1	1846558	1825688	1830048	1834098	0.60	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:34:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50726	50897	49853	50492	1.11	cps
Vanadium	51-2	808111	813049	810154	810438	0.31	cps
Yttrium	89-1	19443901	19482161	19365781	19430614	0.31	cps
Yttrium	89-2	5342116	5344105	5344480	5343567	0.02	cps
Zinc	66-2	527456	531048	528767	529090	0.34	cps
Zirconium	90-1	269726	268989	268534	269083	0.22	cps
Zirconium	91-1	60330	59751	60715	60265	0.81	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:37:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11848844	11709614	11776111	11778190	0.59	cps
Antimony	121-1	10070	10090	9970	10044	0.64	cps
Arsenic	75-2	91862	92070	92305	92079	0.24	cps
Barium	135-1	1214308	1216905	1202610	1211274	0.63	cps
Barium	137-1	2131474	2102135	2110647	2114752	0.71	cps
Beryllium	9-1	2000	2097	1900	1999	4.92	cps
Bismuth	209-1	11081308	10951191	11028217	11020238	0.59	cps
Bismuth	209-2	9667195	9616434	9504882	9596170	0.87	cps
Bromine	81-1	17017	16876	16796	16896	0.66	cps
Bromine	81-2	697	777	800	758	7.15	cps
Cadmium	108-1	663	657	640	653	1.84	cps
Cadmium	106-1	6165	6091	5868	6041	2.56	cps
Cadmium	111-1	10046	10292	10321	10220	1.48	cps
Calcium	43-1	529787	524279	525277	526448	0.56	cps
Calcium	44-1	8285105	8203138	8190522	8226255	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	396159	396028	392133	394773	0.58	cps
Cobalt	59-2	405313	403638	401705	403552	0.45	cps
Copper	63-2	896246	889271	890565	892027	0.42	cps
Dysprosium	156-1	129319	130250	130354	129974	0.44	cps
Dysprosium	156-2	115244	115335	114948	115176	0.18	cps
Erbium	164-1	107060	107788	108050	107632	0.48	cps
Erbium	164-2	81224	80530	80430	80728	0.54	cps
Gadolinium	160-1	123226	123892	120318	122478	1.55	cps
Gadolinium	160-2	96647	94908	94969	95508	1.03	cps
Holmium	165-1	18370650	18520257	18110803	18333903	1.13	cps
Holmium	165-2	13688739	13597504	13708832	13665025	0.43	cps
Indium	115-1	15097049	14813712	14859579	14923447	1.02	cps
Indium	115-2	5690375	5634143	5639405	5654641	0.55	cps
Iron	56-2	540838685	541931579	541271392	541347219	0.10	cps
Iron	57-2	13489412	13398006	13384205	13423874	0.43	cps
Iron	54-2	29586896	29529361	29325854	29480704	0.47	cps
Krypton	83-1	380	420	377	392	6.15	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:37:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1880044	1862556	1872019	1871539	0.47	cps
Lead	207-1	1583393	1585313	1578734	1582480	0.21	cps
Lead	208-1	5860109	5893666	5843693	5865823	0.43	cps
Lithium	6-1	1981233	1920463	1977676	1959791	1.74	cps
Magnesium	24-2	8672149	8611964	8610194	8631436	0.41	cps
Manganese	55-2	7583405	7544558	7528399	7552121	0.37	cps
Molybdenum	94-1	107131	108169	107984	107761	0.51	cps
Molybdenum	95-1	11515	11475	11581	11524	0.47	cps
Molybdenum	96-1	35450	34230	33886	34522	2.38	cps
Molybdenum	97-1	7195	7339	7012	7182	2.28	cps
Molybdenum	98-1	18041	18458	18378	18293	1.21	cps
Neodymium	150-1	219342	217629	217962	218311	0.42	cps
Neodymium	150-2	138240	138573	139242	138685	0.37	cps
Nickel	60-2	121171	120012	119521	120235	0.70	cps
Phosphorus	31-2	52536	53450	52801	52929	0.89	cps
Potassium	39-2	7895353	7802197	7774609	7824053	0.81	cps
Rhodium	103-1	14102337	14029052	13880832	14004074	0.81	cps
Rhodium	103-2	8600594	8536239	8561346	8566060	0.38	cps
Scandium	45-1	8683719	8554916	8437759	8558798	1.44	cps
Scandium	45-2	731703	731557	734726	732662	0.24	cps
Selenium	82-1	1104	1074	1155	1111	3.66	cps
Selenium	77-2	380	413	423	406	5.59	cps
Selenium	78-2	830	813	930	858	7.36	cps
Silicon	28-1	15796194	15665206	16214618	15892006	1.81	cps
Silver	107-1	11748	11792	11752	11764	0.21	cps
Silver	109-1	10921	10981	11204	11035	1.35	cps
Sodium	23-2	222005	221574	223884	222488	0.55	cps
Strontium	86-1	336877	334315	334589	335260	0.42	cps
Strontium	88-1	2990177	2949246	2923832	2954419	1.13	cps
Sulfur	34-1	225201	222482	221154	222946	0.93	cps
Terbium	159-1	19264413	18974665	18629863	18956314	1.68	cps
Terbium	159-2	13727095	13597345	13549483	13624641	0.67	cps
Thallium	203-1	5161	5121	5158	5147	0.43	cps
Thallium	205-1	12052	12216	12669	12312	2.60	cps
Tin	118-1	37295	37783	36891	37323	1.20	cps
Titanium	47-1	1963996	1961418	1949772	1958395	0.39	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:37:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51720	52041	53581	52447	1.90	cps
Vanadium	51-2	833917	828381	835513	832604	0.45	cps
Yttrium	89-1	19508440	19259998	19181846	19316761	0.88	cps
Yttrium	89-2	5394430	5304263	5343958	5347550	0.85	cps
Zinc	66-2	535593	536477	536701	536257	0.11	cps
Zirconium	90-1	276181	275733	273679	275198	0.48	cps
Zirconium	91-1	61568	61993	60715	61426	1.06	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 15:40:14	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2336086	2339695	2295968	2323916	1.04	cps
Antimony	121-1	2204	2140	2054	2132	3.53	cps
Arsenic	75-2	19506	19019	19179	19235	1.29	cps
Barium	135-1	232305	234784	234236	233775	0.56	cps
Barium	137-1	404520	404861	403469	404284	0.18	cps
Beryllium	9-1	440	427	477	448	5.78	cps
Bismuth	209-1	10994897	10821387	10678200	10831494	1.46	cps
Bismuth	209-2	9579493	9662762	9608505	9616920	0.44	cps
Bromine	81-1	14941	15011	15258	15070	1.11	cps
Bromine	81-2	320	307	340	322	5.21	cps
Cadmium	108-1	110	150	137	132	15.40	cps
Cadmium	106-1	4804	4617	4621	4681	2.28	cps
Cadmium	111-1	4509	4294	4376	4393	2.48	cps
Calcium	43-1	102892	103141	103195	103076	0.16	cps
Calcium	44-1	1630395	1648252	1655726	1644791	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79866	79810	78838	79505	0.73	cps
Cobalt	59-2	83852	84580	82659	83697	1.16	cps
Copper	63-2	177294	177735	178700	177909	0.40	cps
Dysprosium	156-1	25042	24598	24535	24725	1.12	cps
Dysprosium	156-2	22385	22218	22328	22310	0.38	cps
Erbium	164-1	20655	20525	20402	20527	0.62	cps
Erbium	164-2	15752	15799	16256	15936	1.75	cps
Gadolinium	160-1	23717	23940	23670	23776	0.61	cps
Gadolinium	160-2	18853	19076	19500	19143	1.72	cps
Holmium	165-1	18087508	17901873	18024333	18004571	0.52	cps
Holmium	165-2	13592185	13386629	13439491	13472769	0.79	cps
Indium	115-1	14915165	14889000	14836127	14880097	0.27	cps
Indium	115-2	5684842	5664007	5541304	5630051	1.38	cps
Iron	56-2	107466495	106979832	107058012	107168113	0.24	cps
Iron	57-2	2681733	2681119	2644456	2669102	0.80	cps
Iron	54-2	5831599	5836483	5766320	5811467	0.67	cps
Krypton	83-1	270	287	247	268	7.50	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 15:40:14	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	366824	363629	368559	366337	0.68	cps
Lead	207-1	313077	318252	314408	315246	0.85	cps
Lead	208-1	1140813	1149196	1140870	1143626	0.42	cps
Lithium	6-1	1928799	1910188	1860207	1899731	1.87	cps
Magnesium	24-2	1739903	1740150	1725976	1735343	0.47	cps
Manganese	55-2	1503856	1497566	1497106	1499510	0.25	cps
Molybdenum	94-1	20565	21185	21242	20997	1.79	cps
Molybdenum	95-1	2747	2507	2434	2562	6.40	cps
Molybdenum	96-1	6848	7078	7122	7016	2.09	cps
Molybdenum	97-1	1467	1650	1563	1560	5.88	cps
Molybdenum	98-1	3957	3994	4111	4021	1.99	cps
Neodymium	150-1	42156	41915	42012	42028	0.29	cps
Neodymium	150-2	26806	26836	26345	26662	1.03	cps
Nickel	60-2	24607	24767	23963	24446	1.74	cps
Phosphorus	31-2	10617	10597	10350	10521	1.41	cps
Potassium	39-2	1649590	1608040	1578526	1612052	2.21	cps
Rhodium	103-1	14066809	14043983	14163236	14091342	0.45	cps
Rhodium	103-2	8697828	8789782	8552959	8680190	1.38	cps
Scandium	45-1	8315263	8205477	8260608	8260449	0.66	cps
Scandium	45-2	720770	715777	721018	719188	0.41	cps
Selenium	82-1	866	748	707	774	10.63	cps
Selenium	77-2	70	90	73	78	13.78	cps
Selenium	78-2	593	593	643	610	4.73	cps
Silicon	28-1	3904809	3959964	3905489	3923421	0.81	cps
Silver	107-1	2674	2654	2564	2630	2.23	cps
Silver	109-1	2464	2500	2307	2424	4.24	cps
Sodium	23-2	72089	71605	70608	71434	1.06	cps
Strontium	86-1	66258	65695	65555	65836	0.57	cps
Strontium	88-1	574194	573059	574120	573791	0.11	cps
Sulfur	34-1	189151	186560	186115	187275	0.88	cps
Terbium	159-1	18500677	18392953	18513465	18469032	0.36	cps
Terbium	159-2	13405539	13283713	13345715	13344989	0.46	cps
Thallium	203-1	1853	1713	1723	1763	4.43	cps
Thallium	205-1	4301	4221	4194	4238	1.31	cps
Tin	118-1	11432	8474	7792	9233	20.96	cps
Titanium	47-1	362115	364357	361375	362616	0.43	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 15:40:14	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9730	10264	9213	9736	5.40	cps
Vanadium	51-2	163542	163650	162507	163233	0.39	cps
Yttrium	89-1	18134540	17959652	17931613	18008602	0.61	cps
Yttrium	89-2	5076149	5026004	5039128	5047094	0.52	cps
Zinc	66-2	108997	109447	107715	108720	0.83	cps
Zirconium	90-1	53310	52828	52848	52995	0.51	cps
Zirconium	91-1	11374	11441	11908	11575	2.51	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:43:21	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11888963	11817401	11743019	11816461	0.62	cps
Antimony	121-1	1435272	1437972	1429724	1434323	0.29	cps
Arsenic	75-2	122876	121690	121183	121916	0.71	cps
Barium	135-1	8747084	8685821	8624263	8685723	0.71	cps
Barium	137-1	14956383	15011511	14954706	14974200	0.22	cps
Beryllium	9-1	80761	79214	79927	79967	0.97	cps
Bismuth	209-1	11050589	11016852	11075147	11047530	0.26	cps
Bismuth	209-2	9565903	9897042	9800371	9754439	1.75	cps
Bromine	81-1	16973	16066	16349	16463	2.82	cps
Bromine	81-2	873	837	787	832	5.23	cps
Cadmium	108-1	12859	13159	12939	12986	1.20	cps
Cadmium	106-1	23175	23439	22758	23124	1.48	cps
Cadmium	111-1	198159	200371	196491	198340	0.98	cps
Calcium	43-1	507086	506769	498016	503957	1.02	cps
Calcium	44-1	7841353	7859062	7789618	7830011	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1578763	1566860	1550546	1565390	0.90	cps
Cobalt	59-2	5144096	5129171	5159121	5144129	0.29	cps
Copper	63-2	2490360	2462621	2504578	2485853	0.86	cps
Dysprosium	156-1	122878	123776	122022	122892	0.71	cps
Dysprosium	156-2	109308	111713	110191	110404	1.10	cps
Erbium	164-1	102707	103634	102902	103081	0.47	cps
Erbium	164-2	77138	77976	76461	77192	0.98	cps
Gadolinium	160-1	117652	116943	116909	117168	0.36	cps
Gadolinium	160-2	92077	91174	91379	91543	0.52	cps
Holmium	165-1	18584766	18369393	18241594	18398584	0.94	cps
Holmium	165-2	13537227	13734052	13725055	13665445	0.81	cps
Indium	115-1	15163213	15007796	14889717	15020242	0.91	cps
Indium	115-2	5538704	5642157	5699921	5626928	1.45	cps
Iron	56-2	526400779	521557606	522229059	523395814	0.50	cps
Iron	57-2	13041566	12976658	12994829	13004351	0.26	cps
Iron	54-2	28235221	28290505	28542265	28355997	0.58	cps
Krypton	83-1	423	447	370	413	9.51	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:43:21	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2056547	2066924	2032610	2052027	0.86	cps
Lead	207-1	1718823	1734217	1727030	1726690	0.45	cps
Lead	208-1	6422633	6447226	6495990	6455283	0.58	cps
Lithium	6-1	1944645	1892489	1886039	1907724	1.68	cps
Magnesium	24-2	8209004	8220130	8206063	8211732	0.09	cps
Manganese	55-2	9623320	9641041	9632436	9632265	0.09	cps
Molybdenum	94-1	103157	103959	102432	103182	0.74	cps
Molybdenum	95-1	11241	11568	11348	11386	1.46	cps
Molybdenum	96-1	33138	33699	33542	33459	0.87	cps
Molybdenum	97-1	7075	7349	7092	7172	2.14	cps
Molybdenum	98-1	18255	18158	18271	18228	0.34	cps
Neodymium	150-1	206730	208492	205741	206988	0.67	cps
Neodymium	150-2	131258	132408	132341	132002	0.49	cps
Nickel	60-2	1317870	1312953	1309273	1313365	0.33	cps
Phosphorus	31-2	49961	50175	50597	50244	0.64	cps
Potassium	39-2	7428452	7463436	7488257	7460048	0.40	cps
Rhodium	103-1	14344616	14056966	13973119	14124900	1.38	cps
Rhodium	103-2	8482201	8573680	8594576	8550152	0.70	cps
Scandium	45-1	8728312	8531345	8484902	8581520	1.51	cps
Scandium	45-2	729885	733071	734000	732319	0.29	cps
Selenium	82-1	23539	24081	23334	23651	1.63	cps
Selenium	77-2	2777	2744	2847	2789	1.89	cps
Selenium	78-2	8983	8669	9043	8898	2.25	cps
Silicon	28-1	15327054	15259634	15324174	15303620	0.25	cps
Silver	107-1	945250	953993	941377	946873	0.68	cps
Silver	109-1	900269	899883	900423	900192	0.03	cps
Sodium	23-2	212357	213367	212570	212764	0.25	cps
Strontium	86-1	318808	321444	318828	319693	0.47	cps
Strontium	88-1	2876309	2846868	2818099	2847092	1.02	cps
Sulfur	34-1	217076	215497	213608	215394	0.81	cps
Terbium	159-1	19191126	18776455	18786763	18918115	1.25	cps
Terbium	159-2	13476102	13640063	13498935	13538367	0.66	cps
Thallium	203-1	660533	662857	658423	660604	0.34	cps
Thallium	205-1	1563606	1567758	1576240	1569201	0.41	cps
Tin	118-1	24715	24551	24381	24549	0.68	cps
Titanium	47-1	1806896	1801886	1777407	1795396	0.88	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:43:21	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48695	49672	49415	49261	1.03	cps
Vanadium	51-2	3355235	3390077	3361432	3368915	0.55	cps
Yttrium	89-1	19705043	19416171	19176075	19432430	1.36	cps
Yttrium	89-2	5254412	5372895	5322081	5316462	1.12	cps
Zinc	66-2	1103152	1100340	1101751	1101747	0.13	cps
Zirconium	90-1	261510	263894	265075	263493	0.69	cps
Zirconium	91-1	58787	59788	58211	58929	1.35	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:46:20	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13044219	13008662	12919859	12990914	0.49	cps
Antimony	121-1	5571218	5519940	5543712	5544956	0.46	cps
Arsenic	75-2	208064	205752	206468	206762	0.57	cps
Barium	135-1	29145272	29110007	28710737	28988672	0.83	cps
Barium	137-1	50379086	49590721	49661499	49877102	0.87	cps
Beryllium	9-1	289602	289389	287497	288829	0.40	cps
Bismuth	209-1	11037332	10976124	11126990	11046815	0.69	cps
Bismuth	209-2	9591085	9570648	9618224	9593319	0.25	cps
Bromine	81-1	15291	15295	15648	15411	1.33	cps
Bromine	81-2	820	773	730	774	5.81	cps
Cadmium	108-1	48277	47283	47912	47824	1.05	cps
Cadmium	106-1	70594	69954	70573	70374	0.52	cps
Cadmium	111-1	725574	725035	725819	725476	0.06	cps
Calcium	43-1	485709	483179	483138	484008	0.30	cps
Calcium	44-1	7669572	7597426	7485377	7584125	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4720858	4778511	4711186	4736851	0.77	cps
Cobalt	59-2	17666388	17559605	17695630	17640541	0.41	cps
Copper	63-2	6802643	6778232	6848399	6809758	0.52	cps
Dysprosium	156-1	118800	118098	118229	118376	0.32	cps
Dysprosium	156-2	107961	107007	107800	107589	0.47	cps
Erbium	164-1	99161	101539	99615	100105	1.26	cps
Erbium	164-2	74393	74882	75040	74772	0.45	cps
Gadolinium	160-1	112806	113260	113884	113317	0.48	cps
Gadolinium	160-2	88323	87850	88554	88242	0.41	cps
Holmium	165-1	18213247	18283476	18183033	18226585	0.28	cps
Holmium	165-2	13568147	13459450	13599944	13542514	0.54	cps
Indium	115-1	14971567	14719488	14730765	14807273	0.96	cps
Indium	115-2	5555143	5527911	5555666	5546240	0.29	cps
Iron	56-2	522579632	515266059	514505846	517450512	0.86	cps
Iron	57-2	12870746	12679592	12780582	12776973	0.75	cps
Iron	54-2	28252430	28116958	28151460	28173616	0.25	cps
Krypton	83-1	387	450	440	426	8.00	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:46:20	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2681082	2695050	2719534	2698555	0.72	cps
Lead	207-1	2328091	2305705	2302892	2312229	0.60	cps
Lead	208-1	8352684	8394504	8363374	8370187	0.26	cps
Lithium	6-1	1931166	1907681	1918406	1919084	0.61	cps
Magnesium	24-2	7913687	7791664	7782438	7829263	0.94	cps
Manganese	55-2	15599547	15436110	15571595	15535751	0.56	cps
Molybdenum	94-1	101119	99653	100683	100485	0.75	cps
Molybdenum	95-1	11378	11178	11121	11225	1.20	cps
Molybdenum	96-1	32399	32319	33014	32577	1.17	cps
Molybdenum	97-1	7165	6955	7115	7078	1.55	cps
Molybdenum	98-1	18211	18175	18141	18176	0.19	cps
Neodymium	150-1	201224	202796	202117	202046	0.39	cps
Neodymium	150-2	129485	126915	127107	127835	1.12	cps
Nickel	60-2	4578800	4519465	4577908	4558724	0.75	cps
Phosphorus	31-2	48149	47055	48145	47783	1.32	cps
Potassium	39-2	7193766	7044179	7208707	7148884	1.27	cps
Rhodium	103-1	13987295	13652589	13757666	13799183	1.24	cps
Rhodium	103-2	8367667	8471989	8432601	8424085	0.63	cps
Scandium	45-1	8583925	8347789	8292560	8408092	1.84	cps
Scandium	45-2	716066	710225	717677	714656	0.55	cps
Selenium	82-1	95890	95517	94241	95216	0.91	cps
Selenium	77-2	10784	10380	10517	10561	1.94	cps
Selenium	78-2	35459	34878	35105	35147	0.83	cps
Silicon	28-1	14875552	14499270	14785121	14719981	1.33	cps
Silver	107-1	3083921	3217116	3177760	3159599	2.17	cps
Silver	109-1	3032457	2968256	3223633	3074782	4.32	cps
Sodium	23-2	205803	203334	204104	204414	0.62	cps
Strontium	86-1	310357	309695	306604	308885	0.65	cps
Strontium	88-1	2751754	2752358	2716560	2740224	0.75	cps
Sulfur	34-1	207174	205448	204938	205853	0.57	cps
Terbium	159-1	19006492	18782933	18737681	18842369	0.76	cps
Terbium	159-2	13550835	13389409	13350128	13430124	0.79	cps
Thallium	203-1	2598404	2603959	2603416	2601926	0.12	cps
Thallium	205-1	6218208	6223698	6252972	6231626	0.30	cps
Tin	118-1	24184	23763	25212	24386	3.06	cps
Titanium	47-1	1760310	1737549	1742239	1746700	0.69	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:46:20	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48049	48257	47538	47948	0.77	cps
Vanadium	51-2	10160884	10155535	10196459	10170959	0.22	cps
Yttrium	89-1	19281598	18983303	18829087	19031329	1.21	cps
Yttrium	89-2	5131006	5229796	5236561	5199121	1.14	cps
Zinc	66-2	2618122	2611292	2616608	2615341	0.14	cps
Zirconium	90-1	252856	254797	253508	253720	0.39	cps
Zirconium	91-1	56615	56726	56890	56744	0.24	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:49:09	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13482392	13381959	13450594	13438315	0.38	cps
Antimony	121-1	6575	6882	6185	6547	5.34	cps
Arsenic	75-2	63870	64429	63264	63854	0.91	cps
Barium	135-1	1186133	1184575	1174600	1181769	0.53	cps
Barium	137-1	2061885	2087718	2070620	2073408	0.63	cps
Beryllium	9-1	2424	2320	2367	2370	2.18	cps
Bismuth	209-1	11162204	11109924	11072338	11114822	0.41	cps
Bismuth	209-2	9596829	9709568	9577765	9628054	0.74	cps
Bromine	81-1	14554	15472	15702	15242	3.98	cps
Bromine	81-2	603	600	597	600	0.55	cps
Cadmium	108-1	430	363	377	390	9.05	cps
Cadmium	106-1	5698	5611	5291	5533	3.87	cps
Cadmium	111-1	5914	5924	5777	5872	1.40	cps
Calcium	43-1	1246949	1257977	1243735	1249554	0.60	cps
Calcium	44-1	20271712	20466241	20276575	20338176	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	307269	308485	307496	307750	0.21	cps
Cobalt	59-2	407147	405988	405696	406277	0.19	cps
Copper	63-2	711396	709969	707858	709741	0.25	cps
Dysprosium	156-1	133894	135651	135971	135172	0.83	cps
Dysprosium	156-2	119920	119553	120017	119830	0.20	cps
Erbium	164-1	118484	117654	118604	118247	0.44	cps
Erbium	164-2	87998	88021	87877	87965	0.09	cps
Gadolinium	160-1	132483	133061	130783	132109	0.90	cps
Gadolinium	160-2	103871	103179	101064	102705	1.42	cps
Holmium	165-1	18478890	18452088	18375073	18435350	0.29	cps
Holmium	165-2	13720632	13599239	13814575	13711482	0.79	cps
Indium	115-1	15185176	15250369	14960339	15131961	1.01	cps
Indium	115-2	5756902	5689743	5702000	5716215	0.63	cps
Iron	56-2	556686125	555588378	557599205	556624569	0.18	cps
Iron	57-2	13921034	13883710	13781325	13862023	0.52	cps
Iron	54-2	30617590	30175230	30322446	30371755	0.74	cps
Krypton	83-1	380	427	460	422	9.52	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:49:09	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	418174	419356	416188	417906	0.38	cps
Lead	207-1	356452	353078	352513	354014	0.60	cps
Lead	208-1	1285031	1285297	1283145	1284491	0.09	cps
Lithium	6-1	1945223	1951148	1958905	1951759	0.35	cps
Magnesium	24-2	9701217	9719292	9657208	9692572	0.33	cps
Manganese	55-2	9140669	9049588	9089363	9093207	0.50	cps
Molybdenum	94-1	115914	116619	113992	115508	1.18	cps
Molybdenum	95-1	16726	17117	16583	16809	1.64	cps
Molybdenum	96-1	40894	41198	40830	40974	0.48	cps
Molybdenum	97-1	10417	10440	10430	10429	0.11	cps
Molybdenum	98-1	26578	26865	26965	26802	0.75	cps
Neodymium	150-1	228703	228293	224506	227167	1.02	cps
Neodymium	150-2	143505	142869	142461	142945	0.37	cps
Nickel	60-2	119925	119565	119659	119716	0.16	cps
Phosphorus	31-2	49122	47761	48329	48404	1.41	cps
Potassium	39-2	4061234	4026384	4029921	4039180	0.47	cps
Rhodium	103-1	14119145	14134761	14091670	14115192	0.15	cps
Rhodium	103-2	8671774	8631368	8615297	8639480	0.34	cps
Scandium	45-1	8764790	8728676	8765995	8753154	0.24	cps
Scandium	45-2	757533	757136	757886	757518	0.05	cps
Selenium	82-1	1071	1061	969	1034	5.46	cps
Selenium	77-2	373	440	397	403	8.39	cps
Selenium	78-2	907	900	847	884	3.72	cps
Silicon	28-1	18498923	18944012	18916401	18786445	1.33	cps
Silver	107-1	4084	3947	3590	3874	6.58	cps
Silver	109-1	3711	4626	3170	3836	19.18	cps
Sodium	23-2	162106	162921	162699	162575	0.26	cps
Strontium	86-1	334294	336630	332799	334575	0.58	cps
Strontium	88-1	2944314	2998800	2930106	2957740	1.23	cps
Sulfur	34-1	200396	201915	203307	201873	0.72	cps
Terbium	159-1	19122384	18963643	18859618	18981882	0.70	cps
Terbium	159-2	13692113	13765925	13678856	13712298	0.34	cps
Thallium	203-1	5218	5191	5258	5222	0.64	cps
Thallium	205-1	12593	12506	12472	12524	0.49	cps
Tin	118-1	16601	17033	16435	16690	1.85	cps
Titanium	47-1	1068067	1075594	1070103	1071255	0.36	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:49:09	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37590	38495	38873	38319	1.72	cps
Vanadium	51-2	918404	918986	918242	918544	0.04	cps
Yttrium	89-1	19834073	20004657	19765620	19868117	0.62	cps
Yttrium	89-2	5423284	5510288	5510891	5481488	0.92	cps
Zinc	66-2	263522	263050	262404	262992	0.21	cps
Zirconium	90-1	286681	287555	289021	287753	0.41	cps
Zirconium	91-1	63537	64096	63738	63790	0.44	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:52:17	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18150207	17996813	18022606	18056542	0.45	cps
Antimony	121-1	8042637	8093314	8018793	8051581	0.47	cps
Arsenic	75-2	427905	424702	426770	426459	0.38	cps
Barium	135-1	10231844	10197795	10248869	10226170	0.25	cps
Barium	137-1	17527628	17514141	17585151	17542307	0.21	cps
Beryllium	9-1	810482	818864	823970	817772	0.83	cps
Bismuth	209-1	10299193	9724386	9690962	9904847	3.45	cps
Bismuth	209-2	8900064	8793923	8788013	8827333	0.71	cps
Bromine	81-1	13917	14114	14621	14217	2.55	cps
Bromine	81-2	137	117	157	137	14.63	cps
Cadmium	108-1	154977	154179	153859	154339	0.37	cps
Cadmium	106-1	219828	222311	219658	220599	0.67	cps
Cadmium	111-1	2096924	2090384	2085683	2090997	0.27	cps
Calcium	43-1	10591852	10477574	10426204	10498543	0.81	cps
Calcium	44-1	171686637	171809277	170519924	171338613	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3124267	3102032	3095963	3107421	0.48	cps
Cobalt	59-2	4987419	4984539	4950755	4974237	0.41	cps
Copper	63-2	35363419	35195310	35467025	35341918	0.39	cps
Dysprosium	156-1	600	517	490	536	10.71	cps
Dysprosium	156-2	823	893	907	874	5.12	cps
Erbium	164-1	560	540	590	563	4.47	cps
Erbium	164-2	467	367	390	408	12.83	cps
Gadolinium	160-1	490	473	457	473	3.52	cps
Gadolinium	160-2	1037	1107	1083	1076	3.31	cps
Holmium	165-1	18038459	16821687	16644153	17168099	4.42	cps
Holmium	165-2	13424584	13229150	13303190	13318975	0.74	cps
Indium	115-1	14152295	13161543	13130216	13481351	4.31	cps
Indium	115-2	5239457	5207302	5251196	5232652	0.43	cps
Iron	56-2	729702869	734283989	729978416	731321758	0.35	cps
Iron	57-2	18382016	18406857	18224244	18337706	0.54	cps
Iron	54-2	39776900	39467226	39409458	39551195	0.50	cps
Krypton	83-1	310	317	320	316	1.61	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:52:17	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	30559124	30730580	30267785	30519163	0.77	cps
Lead	207-1	26567450	26719192	26381475	26556039	0.64	cps
Lead	208-1	96170115	97594634	96366856	96710535	0.80	cps
Lithium	6-1	1902431	1783313	1692823	1792856	5.86	cps
Magnesium	24-2	135169145	134178841	132550565	133966184	0.99	cps
Manganese	55-2	24913715	24859884	24825604	24866401	0.18	cps
Molybdenum	94-1	29386514	29455205	29456296	29432672	0.14	cps
Molybdenum	95-1	42175700	42336548	42086407	42199552	0.30	cps
Molybdenum	96-1	46133721	46420178	46298466	46284122	0.31	cps
Molybdenum	97-1	26566448	26360953	26241672	26389691	0.62	cps
Molybdenum	98-1	68465131	67487557	67964232	67972307	0.72	cps
Neodymium	150-1	820	810	797	809	1.45	cps
Neodymium	150-2	300	353	303	319	9.37	cps
Nickel	60-2	1359683	1353198	1354811	1355897	0.25	cps
Phosphorus	31-2	162030	160753	160760	161181	0.46	cps
Potassium	39-2	88169955	88555982	87631012	88118983	0.53	cps
Rhodium	103-1	13080797	11986358	11917599	12328251	5.29	cps
Rhodium	103-2	7866160	7762241	7751258	7793220	0.81	cps
Scandium	45-1	8186698	7610947	7467290	7754978	4.91	cps
Scandium	45-2	682021	681196	677408	680208	0.36	cps
Selenium	82-1	123033	122684	121837	122518	0.50	cps
Selenium	77-2	13106	13103	12739	12982	1.62	cps
Selenium	78-2	43082	43584	43835	43500	0.88	cps
Silicon	28-1	72314812	71583361	70993621	71630598	0.92	cps
Silver	107-1	10366199	10349562	10286733	10334165	0.41	cps
Silver	109-1	9781408	9816650	9669808	9755955	0.79	cps
Sodium	23-2	216738230	214392877	213202290	214777799	0.84	cps
Strontium	86-1	2578653	2613780	2568353	2586929	0.92	cps
Strontium	88-1	22820625	22743528	22545600	22703251	0.62	cps
Sulfur	34-1	756555	751979	736424	748319	1.41	cps
Terbium	159-1	18293999	17336728	17233493	17621407	3.32	cps
Terbium	159-2	13153758	13095361	13187237	13145452	0.35	cps
Thallium	203-1	7644561	7593440	7495051	7577684	1.00	cps
Thallium	205-1	18169682	18286925	18058851	18171819	0.63	cps
Tin	118-1	6753899	6772616	6756255	6760923	0.15	cps
Titanium	47-1	9993725	9884928	9836984	9905212	0.81	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:52:17	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24288854	24499193	24319775	24369274	0.47	cps
Vanadium	51-2	2766298	2799543	2755397	2773746	0.83	cps
Yttrium	89-1	17475353	16146691	16047428	16556490	4.82	cps
Yttrium	89-2	4741714	4709974	4747794	4733161	0.43	cps
Zinc	66-2	6205724	6251417	6230635	6229259	0.37	cps
Zirconium	90-1	14470103	14504768	14375429	14450100	0.46	cps
Zirconium	91-1	3216595	3210664	3192697	3206652	0.39	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:54:58	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1253	1080	1013	1116	11.11	cps
Antimony	121-1	4444	3384	3147	3658	18.88	cps
Arsenic	75-2	70	37	30	46	47.04	cps
Barium	135-1	1497	1073	873	1148	27.73	cps
Barium	137-1	2647	1873	1507	2009	28.97	cps
Beryllium	9-1	247	213	197	219	11.63	cps
Bismuth	209-1	11066011	11214671	10911981	11064221	1.37	cps
Bismuth	209-2	9715603	9862286	9668943	9748944	1.03	cps
Bromine	81-1	14033	14591	14764	14463	2.64	cps
Bromine	81-2	193	157	187	179	10.92	cps
Cadmium	108-1	27	30	23	27	12.51	cps
Cadmium	106-1	4557	4417	4167	4381	4.51	cps
Cadmium	111-1	3478	3381	3131	3330	5.38	cps
Calcium	43-1	1743	1360	1080	1395	23.88	cps
Calcium	44-1	40578	33665	30685	34976	14.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3210	3037	3097	3115	2.83	cps
Cobalt	59-2	523	527	447	499	9.07	cps
Copper	63-2	3260	3010	2844	3038	6.90	cps
Dysprosium	156-1	13	7	0	7	99.98	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	70	73	103	82	22.33	cps
Erbium	164-2	43	67	67	59	22.88	cps
Gadolinium	160-1	53	87	47	62	34.44	cps
Gadolinium	160-2	670	810	793	758	10.09	cps
Holmium	165-1	17729905	17592175	17762388	17694823	0.51	cps
Holmium	165-2	13623144	13585914	13586753	13598604	0.16	cps
Indium	115-1	14734006	14738412	14871676	14781365	0.53	cps
Indium	115-2	5606262	5651074	5678291	5645209	0.64	cps
Iron	56-2	71593	65894	63319	66935	6.33	cps
Iron	57-2	2450	2324	2043	2272	9.16	cps
Iron	54-2	5494	5008	5281	5261	4.64	cps
Krypton	83-1	300	257	287	281	7.90	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:54:58	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5331	4214	3684	4410	19.07	cps
Lead	207-1	4617	3684	3070	3791	20.55	cps
Lead	208-1	17085	13593	11276	13985	20.91	cps
Lithium	6-1	1901853	1928649	1912653	1914385	0.70	cps
Magnesium	24-2	6875	6488	5871	6411	7.90	cps
Manganese	55-2	1957	1727	1667	1783	8.58	cps
Molybdenum	94-1	4511	3594	3007	3704	20.46	cps
Molybdenum	95-1	6048	4517	3517	4694	27.15	cps
Molybdenum	96-1	6462	5011	4004	5159	23.95	cps
Molybdenum	97-1	3597	2644	2190	2810	25.55	cps
Molybdenum	98-1	9587	7169	5871	7542	25.00	cps
Neodymium	150-1	10	10	7	9	21.63	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	900	890	910	900	1.11	cps
Phosphorus	31-2	230	250	197	226	11.94	cps
Potassium	39-2	69531	68620	69136	69096	0.66	cps
Rhodium	103-1	13925168	13955538	13984576	13955094	0.21	cps
Rhodium	103-2	8710496	8736182	8599489	8682055	0.84	cps
Scandium	45-1	7990587	7999247	8002723	7997519	0.08	cps
Scandium	45-2	688341	690187	683035	687188	0.54	cps
Selenium	82-1	725	710	748	728	2.62	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	570	477	557	534	9.45	cps
Silicon	28-1	770613	759104	758649	762788	0.89	cps
Silver	107-1	2804	2327	1833	2321	20.90	cps
Silver	109-1	2704	1863	1550	2039	29.25	cps
Sodium	23-2	57493	57085	54807	56462	2.56	cps
Strontium	86-1	737	660	693	697	5.52	cps
Strontium	88-1	3137	2250	1857	2415	27.16	cps
Sulfur	34-1	212168	212468	212841	212492	0.16	cps
Terbium	159-1	18303913	18497917	18217896	18339909	0.78	cps
Terbium	159-2	13321924	13242310	13209619	13257951	0.44	cps
Thallium	203-1	2020	1697	1440	1719	16.91	cps
Thallium	205-1	4874	4001	3687	4187	14.69	cps
Tin	118-1	4457	4181	4054	4231	4.88	cps
Titanium	47-1	1433	1003	903	1113	25.29	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:54:58	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2760	2037	1533	2110	29.23	cps
Vanadium	51-2	200	157	157	171	14.62	cps
Yttrium	89-1	17076166	17297384	17136956	17170168	0.67	cps
Yttrium	89-2	4928763	4839232	4847269	4871755	1.02	cps
Zinc	66-2	1190	1137	1123	1150	3.07	cps
Zirconium	90-1	3050	2724	2387	2720	12.20	cps
Zirconium	91-1	650	530	510	563	13.44	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:58:15	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14616894	14396214	14428216	14480441	0.82	cps
Antimony	121-1	5191	4834	4911	4979	3.77	cps
Arsenic	75-2	65929	66475	66659	66354	0.57	cps
Barium	135-1	1235072	1243390	1247473	1241978	0.51	cps
Barium	137-1	2164591	2173596	2146082	2161423	0.65	cps
Beryllium	9-1	2860	2580	2500	2647	7.14	cps
Bismuth	209-1	11093524	11105117	11050652	11083098	0.26	cps
Bismuth	209-2	9911715	9748778	9597308	9752600	1.61	cps
Bromine	81-1	16079	16079	16736	16298	2.33	cps
Bromine	81-2	667	643	600	637	5.31	cps
Cadmium	108-1	407	460	370	412	10.98	cps
Cadmium	106-1	6008	6258	6191	6152	2.10	cps
Cadmium	111-1	6311	6482	6275	6356	1.74	cps
Calcium	43-1	1336893	1330370	1345684	1337649	0.57	cps
Calcium	44-1	21412598	21544125	21777045	21577922	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	350524	351278	352816	351540	0.33	cps
Cobalt	59-2	452800	450789	454170	452586	0.38	cps
Copper	63-2	763236	758017	760455	760569	0.34	cps
Dysprosium	156-1	145831	145054	144299	145061	0.53	cps
Dysprosium	156-2	129894	129631	130290	129938	0.26	cps
Erbium	164-1	126381	126076	125467	125975	0.37	cps
Erbium	164-2	94839	95148	94433	94806	0.38	cps
Gadolinium	160-1	139998	140045	138819	139621	0.50	cps
Gadolinium	160-2	109775	108556	109611	109314	0.61	cps
Holmium	165-1	19013283	18572528	18494103	18693305	1.50	cps
Holmium	165-2	14254263	13881924	13855979	13997389	1.59	cps
Indium	115-1	15296166	15167587	15276089	15246614	0.45	cps
Indium	115-2	5761240	5751512	5821574	5778109	0.66	cps
Iron	56-2	603568284	602077338	601431698	602359107	0.18	cps
Iron	57-2	15030218	14890295	14907254	14942589	0.51	cps
Iron	54-2	32729159	32477152	32360820	32522377	0.58	cps
Krypton	83-1	460	457	440	452	2.37	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:58:15	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	448372	454491	453442	452102	0.72	cps
Lead	207-1	381027	380514	381166	380903	0.09	cps
Lead	208-1	1385607	1381253	1379486	1382115	0.23	cps
Lithium	6-1	1995900	1989868	1962901	1982890	0.89	cps
Magnesium	24-2	10324787	10405858	10352700	10361115	0.40	cps
Manganese	55-2	9692967	9668435	9682488	9681297	0.13	cps
Molybdenum	94-1	121153	120826	121125	121035	0.15	cps
Molybdenum	95-1	14074	13963	13827	13955	0.89	cps
Molybdenum	96-1	39644	39757	40543	39981	1.22	cps
Molybdenum	97-1	8899	8673	8549	8707	2.04	cps
Molybdenum	98-1	23387	21473	21840	22233	4.57	cps
Neodymium	150-1	239640	239949	239856	239815	0.07	cps
Neodymium	150-2	152903	153205	153704	153271	0.26	cps
Nickel	60-2	132811	131568	130686	131688	0.81	cps
Phosphorus	31-2	52429	52396	52352	52393	0.07	cps
Potassium	39-2	4303113	4303167	4325680	4310654	0.30	cps
Rhodium	103-1	14312772	14238522	14200414	14250569	0.40	cps
Rhodium	103-2	8867278	8751867	8758253	8792466	0.74	cps
Scandium	45-1	8779084	8858305	8902548	8846646	0.71	cps
Scandium	45-2	771725	763293	772756	769258	0.67	cps
Selenium	82-1	1088	1077	1041	1069	2.31	cps
Selenium	77-2	363	403	480	416	14.27	cps
Selenium	78-2	927	950	900	926	2.70	cps
Silicon	28-1	18884951	19041216	19064080	18996749	0.51	cps
Silver	107-1	3227	3204	3284	3238	1.27	cps
Silver	109-1	3020	2907	2920	2949	2.10	cps
Sodium	23-2	174458	174149	175763	174790	0.49	cps
Strontium	86-1	343001	344915	342830	343582	0.34	cps
Strontium	88-1	3043622	3045015	3041442	3043360	0.06	cps
Sulfur	34-1	241129	241255	238540	240308	0.64	cps
Terbium	159-1	19150568	18902637	19042281	19031829	0.65	cps
Terbium	159-2	13815985	13720842	13797809	13778212	0.37	cps
Thallium	203-1	5131	5188	5184	5168	0.62	cps
Thallium	205-1	12569	12422	12573	12521	0.68	cps
Tin	118-1	16064	16237	16444	16248	1.17	cps
Titanium	47-1	1069481	1084962	1084390	1079611	0.81	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 15:58:15	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44914	41832	41217	42654	4.64	cps
Vanadium	51-2	1006139	996525	1003263	1001976	0.49	cps
Yttrium	89-1	19932276	19835736	20176333	19981448	0.88	cps
Yttrium	89-2	5588766	5646605	5526867	5587413	1.07	cps
Zinc	66-2	280010	278371	278252	278878	0.35	cps
Zirconium	90-1	303781	309328	310624	307911	1.18	cps
Zirconium	91-1	68291	68934	68777	68667	0.49	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:01:19	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2758898	2711208	2769275	2746460	1.13	cps
Antimony	121-1	1480	1490	1577	1516	3.51	cps
Arsenic	75-2	13349	12746	12642	12912	2.96	cps
Barium	135-1	237386	237850	235700	236979	0.48	cps
Barium	137-1	409915	410574	406897	409129	0.48	cps
Beryllium	9-1	477	600	543	540	11.43	cps
Bismuth	209-1	11035251	10903906	10737182	10892113	1.37	cps
Bismuth	209-2	9622824	9598182	9585258	9602088	0.20	cps
Bromine	81-1	15862	15705	15482	15683	1.22	cps
Bromine	81-2	303	240	267	270	11.78	cps
Cadmium	108-1	63	97	103	88	24.42	cps
Cadmium	106-1	4911	4704	4868	4828	2.26	cps
Cadmium	111-1	3783	3649	3865	3766	2.90	cps
Calcium	43-1	267937	267394	265556	266962	0.47	cps
Calcium	44-1	4195571	4222844	4226923	4215113	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65575	66492	65997	66021	0.70	cps
Cobalt	59-2	83400	83980	83986	83789	0.40	cps
Copper	63-2	149696	147629	149158	148828	0.72	cps
Dysprosium	156-1	26725	26599	26712	26679	0.26	cps
Dysprosium	156-2	24582	24471	24441	24498	0.30	cps
Erbium	164-1	23186	23476	22799	23154	1.47	cps
Erbium	164-2	17524	17551	17775	17617	0.78	cps
Gadolinium	160-1	26973	26342	26285	26533	1.44	cps
Gadolinium	160-2	21113	21563	20979	21218	1.44	cps
Holmium	165-1	18458264	17991430	17937082	18128925	1.58	cps
Holmium	165-2	13553850	13557453	13683173	13598159	0.54	cps
Indium	115-1	15310725	15009354	15035718	15118599	1.10	cps
Indium	115-2	5705059	5805992	5788579	5766543	0.94	cps
Iron	56-2	114889802	115630385	114987822	115169336	0.35	cps
Iron	57-2	2874067	2884601	2909719	2889462	0.63	cps
Iron	54-2	6228887	6220535	6233876	6227766	0.11	cps
Krypton	83-1	340	293	317	317	7.37	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:01:19	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	83974	84303	84061	84112	0.20	cps
Lead	207-1	70257	70495	70843	70532	0.42	cps
Lead	208-1	257733	257346	256531	257203	0.24	cps
Lithium	6-1	1958112	1959441	1930866	1949473	0.83	cps
Magnesium	24-2	1966381	1954748	1997521	1972884	1.12	cps
Manganese	55-2	1873326	1897712	1867422	1879487	0.85	cps
Molybdenum	94-1	23809	23245	23229	23428	1.41	cps
Molybdenum	95-1	3841	3861	3604	3768	3.79	cps
Molybdenum	96-1	9096	8523	8699	8773	3.35	cps
Molybdenum	97-1	2570	2360	2300	2410	5.88	cps
Molybdenum	98-1	6065	6051	5811	5976	2.39	cps
Neodymium	150-1	45553	44627	44604	44928	1.21	cps
Neodymium	150-2	28833	29581	28693	29035	1.65	cps
Nickel	60-2	25402	25692	25412	25502	0.65	cps
Phosphorus	31-2	10103	10337	9953	10131	1.91	cps
Potassium	39-2	917943	917848	913144	916312	0.30	cps
Rhodium	103-1	14399848	14287964	14326246	14338019	0.40	cps
Rhodium	103-2	8800975	8840346	8791659	8810994	0.29	cps
Scandium	45-1	8500290	8619016	8444962	8521423	1.04	cps
Scandium	45-2	737090	735946	737745	736927	0.12	cps
Selenium	82-1	765	759	724	749	2.97	cps
Selenium	77-2	87	57	97	80	26.02	cps
Selenium	78-2	570	677	580	609	9.67	cps
Silicon	28-1	4710115	4750711	4676092	4712306	0.79	cps
Silver	107-1	840	790	883	838	5.58	cps
Silver	109-1	717	700	723	713	1.69	cps
Sodium	23-2	62931	63062	62834	62942	0.18	cps
Strontium	86-1	67939	69171	67366	68159	1.35	cps
Strontium	88-1	593211	596444	595832	595162	0.29	cps
Sulfur	34-1	203230	203873	202685	203263	0.29	cps
Terbium	159-1	18752683	18527641	18526815	18602380	0.70	cps
Terbium	159-2	13663966	13489622	13486881	13546823	0.75	cps
Thallium	203-1	1870	1867	1847	1861	0.68	cps
Thallium	205-1	4491	4097	4307	4299	4.58	cps
Tin	118-1	5778	7178	5881	6279	12.43	cps
Titanium	47-1	219025	218719	218545	218763	0.11	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:01:19	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7466	7579	7479	7508	0.83	cps
Vanadium	51-2	188056	187071	189012	188046	0.52	cps
Yttrium	89-1	18266636	18490771	18271118	18342842	0.70	cps
Yttrium	89-2	5140395	5144993	5124795	5136728	0.21	cps
Zinc	66-2	55329	54997	56048	55458	0.97	cps
Zirconium	90-1	58071	58181	57515	57923	0.62	cps
Zirconium	91-1	12879	12702	13199	12927	1.95	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:04:30	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15284339	15339002	14899726	15174356	1.58	cps
Antimony	121-1	5239049	5138351	5180612	5186004	0.98	cps
Arsenic	75-2	173454	173413	173180	173349	0.09	cps
Barium	135-1	28029933	27730730	27883824	27881495	0.54	cps
Barium	137-1	48141228	47567268	47103273	47603923	1.09	cps
Beryllium	9-1	277092	280053	274866	277337	0.94	cps
Bismuth	209-1	11003825	10925779	10987237	10972280	0.37	cps
Bismuth	209-2	9495371	9634291	9588817	9572826	0.74	cps
Bromine	81-1	15742	15425	15755	15641	1.20	cps
Bromine	81-2	533	617	597	582	7.47	cps
Cadmium	108-1	45484	44755	44204	44814	1.43	cps
Cadmium	106-1	67187	65433	66387	66336	1.32	cps
Cadmium	111-1	680703	676670	677150	678174	0.32	cps
Calcium	43-1	1250361	1237405	1221630	1236466	1.16	cps
Calcium	44-1	20302740	20056327	19946426	20101831	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4560946	4518399	4527223	4535522	0.50	cps
Cobalt	59-2	17091728	17143071	17179685	17138161	0.26	cps
Copper	63-2	6451689	6517517	6442803	6470669	0.63	cps
Dysprosium	156-1	133413	131762	132023	132399	0.67	cps
Dysprosium	156-2	118114	117150	117197	117487	0.46	cps
Erbium	164-1	115126	115627	114722	115158	0.39	cps
Erbium	164-2	86116	85852	86146	86038	0.19	cps
Gadolinium	160-1	128260	129626	126078	127988	1.40	cps
Gadolinium	160-2	100161	98563	98406	99043	0.98	cps
Holmium	165-1	18529121	18273048	18009978	18270716	1.42	cps
Holmium	165-2	13632046	13767565	13754641	13718084	0.55	cps
Indium	115-1	15351712	15116208	14831797	15099906	1.72	cps
Indium	115-2	5592227	5742020	5593779	5642676	1.52	cps
Iron	56-2	560127112	558180085	555473418	557926872	0.42	cps
Iron	57-2	13918380	14081304	13805645	13935110	0.99	cps
Iron	54-2	30597421	30254913	30222265	30358200	0.68	cps
Krypton	83-1	450	480	440	457	4.56	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:04:30	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1182605	1182046	1181569	1182073	0.04	cps
Lead	207-1	979190	970578	980336	976701	0.55	cps
Lead	208-1	3689233	3665413	3645034	3666560	0.60	cps
Lithium	6-1	1971794	1978061	1941752	1963869	0.99	cps
Magnesium	24-2	9278464	9359431	9231084	9289660	0.70	cps
Manganese	55-2	17105830	17042421	16824149	16990800	0.87	cps
Molybdenum	94-1	111957	112837	111335	112043	0.67	cps
Molybdenum	95-1	16800	16463	16409	16557	1.28	cps
Molybdenum	96-1	40142	39941	39266	39783	1.15	cps
Molybdenum	97-1	9930	10074	9673	9892	2.05	cps
Molybdenum	98-1	26517	26284	26244	26348	0.56	cps
Neodymium	150-1	222248	220545	221371	221388	0.38	cps
Neodymium	150-2	140205	138879	137435	138840	1.00	cps
Nickel	60-2	4414564	4462667	4434577	4437269	0.54	cps
Phosphorus	31-2	47005	47330	47032	47122	0.38	cps
Potassium	39-2	3903508	3895059	3866958	3888508	0.49	cps
Rhodium	103-1	14322720	13917781	13986786	14075763	1.54	cps
Rhodium	103-2	8486832	8620069	8470708	8525870	0.96	cps
Scandium	45-1	8952297	8818758	8662222	8811092	1.65	cps
Scandium	45-2	742977	739662	738420	740353	0.32	cps
Selenium	82-1	88645	89017	88295	88653	0.41	cps
Selenium	77-2	9763	9607	9800	9723	1.06	cps
Selenium	78-2	32726	31998	31420	32048	2.04	cps
Silicon	28-1	19041962	18479578	18630843	18717461	1.55	cps
Silver	107-1	3106510	3388352	3307711	3267524	4.44	cps
Silver	109-1	3098394	3117724	3219918	3145345	2.08	cps
Sodium	23-2	160967	161513	161968	161483	0.31	cps
Strontium	86-1	326702	324096	321995	324264	0.73	cps
Strontium	88-1	2922926	2881022	2890249	2898066	0.76	cps
Sulfur	34-1	214280	208528	206613	209807	1.90	cps
Terbium	159-1	19272093	19061959	18963906	19099320	0.82	cps
Terbium	159-2	13594041	13357301	13569030	13506790	0.96	cps
Thallium	203-1	2375263	2385441	2418632	2393112	0.95	cps
Thallium	205-1	5739952	5730438	5658793	5709728	0.78	cps
Tin	118-1	15355	15627	14982	15321	2.11	cps
Titanium	47-1	1049500	1046998	1029367	1041955	1.05	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:04:30	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36423	37349	36784	36852	1.27	cps
Vanadium	51-2	10072034	10047140	10031169	10050114	0.20	cps
Yttrium	89-1	19937851	19586559	19598264	19707558	1.01	cps
Yttrium	89-2	5328292	5397625	5389653	5371857	0.71	cps
Zinc	66-2	2298902	2319529	2261515	2293315	1.28	cps
Zirconium	90-1	280644	275989	276654	277762	0.91	cps
Zirconium	91-1	62281	62010	61983	62092	0.27	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:07:21	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14565309	14588554	14532162	14562008	0.19	cps
Antimony	121-1	1456536	1443175	1442953	1447555	0.54	cps
Arsenic	75-2	97890	97162	97188	97413	0.42	cps
Barium	135-1	9551575	9611733	9512864	9558724	0.52	cps
Barium	137-1	16452364	16398360	16438361	16429695	0.17	cps
Beryllium	9-1	89647	88875	88433	88985	0.69	cps
Bismuth	209-1	11289282	11284100	11188406	11253929	0.50	cps
Bismuth	209-2	9737602	9906928	9806802	9817110	0.87	cps
Bromine	81-1	15655	15452	15318	15475	1.10	cps
Bromine	81-2	600	637	487	574	13.61	cps
Cadmium	108-1	13073	12893	12859	12941	0.89	cps
Cadmium	106-1	23402	23376	22601	23126	1.97	cps
Cadmium	111-1	197684	199948	194985	197539	1.26	cps
Calcium	43-1	1307797	1336078	1294484	1312786	1.62	cps
Calcium	44-1	21229780	21221594	20842736	21098036	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1661914	1631696	1644649	1646086	0.92	cps
Cobalt	59-2	5690271	5707484	5651073	5682942	0.51	cps
Copper	63-2	2551675	2573316	2579362	2568118	0.57	cps
Dysprosium	156-1	140932	140037	138875	139948	0.74	cps
Dysprosium	156-2	123692	123947	122485	123375	0.63	cps
Erbium	164-1	123271	122006	121546	122274	0.73	cps
Erbium	164-2	91507	90943	90668	91039	0.47	cps
Gadolinium	160-1	139001	136433	136672	137369	1.03	cps
Gadolinium	160-2	105396	105722	105006	105374	0.34	cps
Holmium	165-1	19266269	18792572	18606574	18888472	1.80	cps
Holmium	165-2	13960979	14011572	13970586	13981045	0.19	cps
Indium	115-1	15784473	15410249	15345955	15513559	1.53	cps
Indium	115-2	5779539	5784937	5722293	5762256	0.60	cps
Iron	56-2	587721405	582876271	579627031	583408236	0.70	cps
Iron	57-2	14508371	14444858	14516959	14490063	0.27	cps
Iron	54-2	31599530	31375640	31635296	31536822	0.45	cps
Krypton	83-1	413	450	420	428	4.57	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:07:21	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	656691	660013	649984	655563	0.78	cps
Lead	207-1	549368	542912	540746	544342	0.82	cps
Lead	208-1	2002924	1993361	1986924	1994403	0.40	cps
Lithium	6-1	2023242	2011982	1945105	1993443	2.12	cps
Magnesium	24-2	9935100	9968908	9927032	9943680	0.22	cps
Manganese	55-2	12036711	11853324	12037840	11975958	0.89	cps
Molybdenum	94-1	120514	120971	119600	120361	0.58	cps
Molybdenum	95-1	16993	16940	16760	16898	0.72	cps
Molybdenum	96-1	42421	41438	41706	41855	1.21	cps
Molybdenum	97-1	10747	10731	10764	10747	0.16	cps
Molybdenum	98-1	27583	26507	26497	26863	2.32	cps
Neodymium	150-1	236765	235518	234685	235656	0.44	cps
Neodymium	150-2	147935	147347	146690	147324	0.42	cps
Nickel	60-2	1451295	1453421	1442437	1449051	0.40	cps
Phosphorus	31-2	50767	50092	50536	50465	0.68	cps
Potassium	39-2	4181816	4130932	4171234	4161327	0.65	cps
Rhodium	103-1	14551104	14423516	14312211	14428944	0.83	cps
Rhodium	103-2	8901473	8694565	8745288	8780442	1.23	cps
Scandium	45-1	9130345	8925432	8885324	8980367	1.46	cps
Scandium	45-2	773272	768013	769555	770280	0.35	cps
Selenium	82-1	27239	26979	26600	26939	1.19	cps
Selenium	77-2	3247	3367	3274	3296	1.91	cps
Selenium	78-2	10010	10037	10440	10162	2.37	cps
Silicon	28-1	19420937	19097809	18964423	19161057	1.23	cps
Silver	107-1	1049016	1046811	1043519	1046449	0.26	cps
Silver	109-1	996965	997788	987319	994024	0.59	cps
Sodium	23-2	169096	168217	168251	168522	0.30	cps
Strontium	86-1	347307	344041	339054	343468	1.21	cps
Strontium	88-1	3100775	3050869	3000209	3050618	1.65	cps
Sulfur	34-1	211685	210806	208076	210189	0.90	cps
Terbium	159-1	19648459	19393618	19359857	19467311	0.81	cps
Terbium	159-2	13920967	13716317	13741102	13792795	0.81	cps
Thallium	203-1	658321	654447	650283	654350	0.61	cps
Thallium	205-1	1582509	1571915	1542687	1565704	1.32	cps
Tin	118-1	15844	14688	15145	15226	3.82	cps
Titanium	47-1	1112201	1106400	1095326	1104642	0.78	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:07:21	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39508	39335	39538	39461	0.28	cps
Vanadium	51-2	3824948	3792216	3788524	3801896	0.53	cps
Yttrium	89-1	20735101	20232998	19966591	20311563	1.92	cps
Yttrium	89-2	5597047	5557123	5580305	5578159	0.36	cps
Zinc	66-2	923394	926204	923055	924217	0.19	cps
Zirconium	90-1	300765	299855	297664	299428	0.53	cps
Zirconium	91-1	67682	66737	65790	66736	1.42	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:10:21	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12007453	12038175	12053632	12033087	0.20	cps
Antimony	121-1	2117	1763	1870	1917	9.46	cps
Arsenic	75-2	31226	30067	30755	30683	1.90	cps
Barium	135-1	1625552	1646570	1627208	1633110	0.72	cps
Barium	137-1	2821144	2772189	2780148	2791160	0.94	cps
Beryllium	9-1	2430	2537	2434	2467	2.46	cps
Bismuth	209-1	11684127	11219832	11168114	11357358	2.50	cps
Bismuth	209-2	9726467	9719204	9792233	9745968	0.41	cps
Bromine	81-1	14687	14944	15155	14929	1.57	cps
Bromine	81-2	403	480	390	424	11.44	cps
Cadmium	108-1	493	457	440	463	5.89	cps
Cadmium	106-1	6258	6285	5788	6110	4.57	cps
Cadmium	111-1	5809	5640	5400	5616	3.65	cps
Calcium	43-1	1453106	1451065	1429142	1444438	0.92	cps
Calcium	44-1	23533852	23853006	23388183	23591680	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	354833	356599	355925	355785	0.25	cps
Cobalt	59-2	354744	350891	352343	352659	0.55	cps
Copper	63-2	486775	484575	483686	485012	0.33	cps
Dysprosium	156-1	129198	130311	128501	129336	0.71	cps
Dysprosium	156-2	117564	117453	116407	117141	0.54	cps
Erbium	164-1	109807	110435	110583	110275	0.37	cps
Erbium	164-2	81962	83259	81623	82281	1.05	cps
Gadolinium	160-1	125186	125560	125109	125285	0.19	cps
Gadolinium	160-2	98644	98144	96969	97919	0.88	cps
Holmium	165-1	19542339	18869834	18483275	18965149	2.83	cps
Holmium	165-2	13914446	13941859	13993595	13949966	0.29	cps
Indium	115-1	16147090	15430169	15206519	15594593	3.15	cps
Indium	115-2	5858206	5827180	5870698	5852028	0.38	cps
Iron	56-2	371583728	370662554	375844474	372696919	0.74	cps
Iron	57-2	9321615	9263515	9233291	9272807	0.48	cps
Iron	54-2	20176514	20108893	20391079	20225495	0.73	cps
Krypton	83-1	410	413	410	411	0.47	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:10:21	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	285113	287994	285009	286038	0.59	cps
Lead	207-1	232879	235575	234954	234469	0.60	cps
Lead	208-1	855241	866590	857382	859738	0.70	cps
Lithium	6-1	2037031	1968997	1991186	1999072	1.74	cps
Magnesium	24-2	10241842	10413497	10304227	10319855	0.84	cps
Manganese	55-2	9076487	8987881	9137868	9067412	0.83	cps
Molybdenum	94-1	152828	152571	153010	152803	0.14	cps
Molybdenum	95-1	4571	4671	5599	4947	11.46	cps
Molybdenum	96-1	34013	33478	34267	33919	1.19	cps
Molybdenum	97-1	3017	2717	3304	3013	9.74	cps
Molybdenum	98-1	7242	7202	8533	7659	9.89	cps
Neodymium	150-1	230779	230264	228997	230013	0.40	cps
Neodymium	150-2	146223	145734	146522	146160	0.27	cps
Nickel	60-2	131729	132596	132284	132203	0.33	cps
Phosphorus	31-2	42439	42161	41941	42180	0.59	cps
Potassium	39-2	3140860	3195185	3179110	3171718	0.88	cps
Rhodium	103-1	15200286	14508557	14267875	14658906	3.30	cps
Rhodium	103-2	8852786	8880718	9007796	8913766	0.93	cps
Scandium	45-1	9233937	8927674	8927562	9029724	1.96	cps
Scandium	45-2	771103	769352	779307	773254	0.69	cps
Selenium	82-1	1191	1062	1034	1096	7.64	cps
Selenium	77-2	433	403	333	390	13.16	cps
Selenium	78-2	890	803	933	876	7.56	cps
Silicon	28-1	9506209	9463640	9540339	9503396	0.40	cps
Silver	107-1	2350	2240	2010	2200	7.89	cps
Silver	109-1	2164	1950	1823	1979	8.68	cps
Sodium	23-2	168895	170872	170179	169982	0.59	cps
Strontium	86-1	890937	895154	899109	895067	0.46	cps
Strontium	88-1	7908137	7932327	7860362	7900276	0.46	cps
Sulfur	34-1	197779	198980	199578	198779	0.46	cps
Terbium	159-1	20126521	19416563	19238088	19593724	2.40	cps
Terbium	159-2	13898961	13801677	13849746	13850128	0.35	cps
Thallium	203-1	4234	4274	4307	4272	0.86	cps
Thallium	205-1	10644	10464	10564	10558	0.85	cps
Tin	118-1	5428	5478	6337	5747	8.89	cps
Titanium	47-1	778732	787738	780347	782272	0.61	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:10:21	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36881	36560	36687	36709	0.44	cps
Vanadium	51-2	573445	571928	569369	571581	0.36	cps
Yttrium	89-1	20930920	20191608	20085922	20402817	2.26	cps
Yttrium	89-2	5614735	5558004	5675085	5615941	1.04	cps
Zinc	66-2	216031	216182	217879	216697	0.47	cps
Zirconium	90-1	406737	408062	406128	406976	0.24	cps
Zirconium	91-1	90641	91406	90795	90947	0.44	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:13:26	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12473271	12440192	12450066	12454510	0.14	cps
Antimony	121-1	1540	1457	1523	1507	2.93	cps
Arsenic	75-2	32011	31727	30725	31488	2.15	cps
Barium	135-1	1705548	1662664	1628944	1665718	2.30	cps
Barium	137-1	2919441	2907907	2841374	2889574	1.46	cps
Beryllium	9-1	2680	2564	2517	2587	3.25	cps
Bismuth	209-1	11553678	11464686	11258418	11425594	1.33	cps
Bismuth	209-2	10009198	9900102	9784928	9898076	1.13	cps
Bromine	81-1	15725	16192	16132	16017	1.59	cps
Bromine	81-2	453	497	517	489	6.62	cps
Cadmium	108-1	477	417	577	490	16.50	cps
Cadmium	106-1	6211	6165	6308	6228	1.17	cps
Cadmium	111-1	5554	5677	5669	5633	1.22	cps
Calcium	43-1	1504450	1505220	1502075	1503915	0.11	cps
Calcium	44-1	24365176	24363327	24140401	24289635	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	352555	351614	348631	350933	0.58	cps
Cobalt	59-2	363946	359903	361630	361826	0.56	cps
Copper	63-2	511125	508742	507323	509063	0.38	cps
Dysprosium	156-1	135116	135118	135624	135286	0.22	cps
Dysprosium	156-2	123419	123164	121684	122756	0.76	cps
Erbium	164-1	114544	116150	112962	114552	1.39	cps
Erbium	164-2	86519	86643	84956	86039	1.09	cps
Gadolinium	160-1	132675	130208	129216	130699	1.36	cps
Gadolinium	160-2	101998	102081	101088	101722	0.54	cps
Holmium	165-1	19217829	18938194	18786319	18980781	1.15	cps
Holmium	165-2	14202659	14229309	14031474	14154481	0.76	cps
Indium	115-1	16015613	15669479	15369026	15684706	2.06	cps
Indium	115-2	6006055	5960682	5915556	5960765	0.76	cps
Iron	56-2	386271354	386349221	380902688	384507754	0.81	cps
Iron	57-2	9548098	9524055	9550904	9541019	0.15	cps
Iron	54-2	20816069	21086601	20570258	20824309	1.24	cps
Krypton	83-1	333	500	470	434	20.45	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:13:26	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	302613	300533	301575	301574	0.34	cps
Lead	207-1	248957	251325	249049	249777	0.54	cps
Lead	208-1	911782	916901	914895	914526	0.28	cps
Lithium	6-1	2072430	2025321	2006068	2034606	1.68	cps
Magnesium	24-2	10806776	10735751	10707994	10750174	0.47	cps
Manganese	55-2	9157122	9164628	9076007	9132586	0.54	cps
Molybdenum	94-1	154697	152606	152935	153413	0.73	cps
Molybdenum	95-1	4401	4554	4477	4477	1.71	cps
Molybdenum	96-1	33692	32860	33752	33435	1.49	cps
Molybdenum	97-1	2764	2840	2820	2808	1.42	cps
Molybdenum	98-1	7035	7229	6938	7067	2.09	cps
Neodymium	150-1	241934	241685	240065	241228	0.42	cps
Neodymium	150-2	152501	152256	152108	152288	0.13	cps
Nickel	60-2	139444	136534	137469	137816	1.08	cps
Phosphorus	31-2	43889	44321	44083	44098	0.49	cps
Potassium	39-2	3242695	3232262	3207629	3227529	0.56	cps
Rhodium	103-1	14950515	14666146	14674989	14763883	1.10	cps
Rhodium	103-2	9165139	9042798	9001690	9069876	0.94	cps
Scandium	45-1	9237777	9079881	8935606	9084421	1.66	cps
Scandium	45-2	786591	786654	779554	784267	0.52	cps
Selenium	82-1	1196	1005	1118	1106	8.70	cps
Selenium	77-2	447	397	457	433	7.42	cps
Selenium	78-2	807	843	790	813	3.35	cps
Silicon	28-1	11479999	11458174	11489904	11476026	0.14	cps
Silver	107-1	2167	2003	1947	2039	5.60	cps
Silver	109-1	1813	1677	1687	1726	4.42	cps
Sodium	23-2	173970	173940	172743	173551	0.40	cps
Strontium	86-1	922223	923139	912375	919245	0.65	cps
Strontium	88-1	8193346	8172562	8053224	8139711	0.93	cps
Sulfur	34-1	209238	208151	209141	208843	0.29	cps
Terbium	159-1	19872806	19557353	19179936	19536698	1.78	cps
Terbium	159-2	14132753	14125656	13757101	14005170	1.53	cps
Thallium	203-1	4204	4277	4364	4282	1.87	cps
Thallium	205-1	10394	10137	10201	10244	1.31	cps
Tin	118-1	7685	8086	7715	7829	2.85	cps
Titanium	47-1	805434	807944	799172	804183	0.56	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:13:26	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36961	35888	36443	36431	1.47	cps
Vanadium	51-2	590399	586684	587359	588147	0.34	cps
Yttrium	89-1	20803145	20677163	20487000	20655770	0.77	cps
Yttrium	89-2	5817417	5724708	5664391	5735505	1.34	cps
Zinc	66-2	223191	221986	222192	222456	0.29	cps
Zirconium	90-1	410799	413845	412873	412506	0.38	cps
Zirconium	91-1	91282	93146	90990	91806	1.27	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:16:32	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2474118	2476869	2483092	2478027	0.19	cps
Antimony	121-1	460	487	537	494	7.87	cps
Arsenic	75-2	6275	6308	6501	6361	1.92	cps
Barium	135-1	324557	329220	321103	324960	1.25	cps
Barium	137-1	565284	558364	559994	561214	0.64	cps
Beryllium	9-1	533	547	600	560	6.30	cps
Bismuth	209-1	11452843	11237522	11174858	11288408	1.29	cps
Bismuth	209-2	10166204	9999396	9966305	10043968	1.07	cps
Bromine	81-1	16216	16453	16656	16442	1.34	cps
Bromine	81-2	250	233	273	252	7.97	cps
Cadmium	108-1	133	97	83	104	24.79	cps
Cadmium	106-1	5218	5054	5001	5091	2.22	cps
Cadmium	111-1	3899	3874	3792	3855	1.45	cps
Calcium	43-1	311477	312104	309564	311048	0.43	cps
Calcium	44-1	4930244	4878792	4868959	4892665	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75424	74466	74547	74812	0.71	cps
Cobalt	59-2	73147	73465	72547	73053	0.64	cps
Copper	63-2	100605	101253	101699	101186	0.54	cps
Dysprosium	156-1	26188	26118	25640	25982	1.15	cps
Dysprosium	156-2	23623	23867	23710	23733	0.52	cps
Erbium	164-1	22111	22425	22077	22204	0.86	cps
Erbium	164-2	16300	16610	15993	16301	1.89	cps
Gadolinium	160-1	25093	24972	25260	25108	0.57	cps
Gadolinium	160-2	20345	20091	20826	20421	1.83	cps
Holmium	165-1	19248616	18919284	18808642	18992181	1.21	cps
Holmium	165-2	14206396	14179403	14135176	14173658	0.25	cps
Indium	115-1	16307058	15795851	15818395	15973768	1.81	cps
Indium	115-2	6072523	5968612	5948330	5996488	1.11	cps
Iron	56-2	76690839	76693372	76465592	76616601	0.17	cps
Iron	57-2	1923515	1898902	1881204	1901207	1.12	cps
Iron	54-2	4162855	4169077	4153925	4161952	0.18	cps
Krypton	83-1	317	330	350	332	5.05	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:16:32	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	59874	58190	57732	58599	1.93	cps
Lead	207-1	47914	47500	47690	47701	0.44	cps
Lead	208-1	177338	175232	172867	175145	1.28	cps
Lithium	6-1	1994925	1967605	1985572	1982701	0.70	cps
Magnesium	24-2	2121978	2127378	2134939	2128098	0.31	cps
Manganese	55-2	1879465	1863933	1878901	1874100	0.47	cps
Molybdenum	94-1	30458	29710	30174	30114	1.25	cps
Molybdenum	95-1	1217	1133	1037	1129	7.98	cps
Molybdenum	96-1	7189	6898	6932	7006	2.27	cps
Molybdenum	97-1	773	757	750	760	1.58	cps
Molybdenum	98-1	1883	1727	1943	1851	6.04	cps
Neodymium	150-1	46720	47021	46142	46628	0.96	cps
Neodymium	150-2	29718	29304	29838	29620	0.95	cps
Nickel	60-2	28467	28360	28998	28608	1.19	cps
Phosphorus	31-2	9106	8693	8863	8887	2.34	cps
Potassium	39-2	734456	723543	727843	728614	0.75	cps
Rhodium	103-1	15338891	15133615	14809699	15094069	1.77	cps
Rhodium	103-2	9294429	9157718	9181614	9211253	0.79	cps
Scandium	45-1	9191586	8919855	8912708	9008050	1.76	cps
Scandium	45-2	771084	764163	773435	769561	0.63	cps
Selenium	82-1	820	866	842	843	2.72	cps
Selenium	77-2	67	97	87	83	18.33	cps
Selenium	78-2	693	597	753	681	11.61	cps
Silicon	28-1	2850048	2874446	2851541	2858678	0.48	cps
Silver	107-1	590	560	35151	12100	164.97	cps
Silver	109-1	527	523	420	490	12.38	cps
Sodium	23-2	61054	60488	59832	60458	1.01	cps
Strontium	86-1	183491	184045	182658	183398	0.38	cps
Strontium	88-1	1611402	1623015	1602641	1612353	0.63	cps
Sulfur	34-1	200628	205161	205127	203639	1.28	cps
Terbium	159-1	19698931	19267305	19411981	19459406	1.13	cps
Terbium	159-2	14091556	13961187	13860994	13971246	0.83	cps
Thallium	203-1	1317	1380	1300	1332	3.17	cps
Thallium	205-1	3170	3170	2927	3089	4.55	cps
Tin	118-1	3140	3070	3104	3105	1.13	cps
Titanium	47-1	159312	160943	159211	159822	0.61	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:16:32	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7115	6842	7005	6987	1.97	cps
Vanadium	51-2	117718	117328	117946	117664	0.27	cps
Yttrium	89-1	19911099	19306458	18974582	19397380	2.45	cps
Yttrium	89-2	5379089	5317370	5426577	5374345	1.02	cps
Zinc	66-2	45616	45265	45068	45316	0.61	cps
Zirconium	90-1	81396	81971	82874	82080	0.91	cps
Zirconium	91-1	17874	18035	18191	18033	0.88	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:19:40	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12871420	12536731	12488631	12632261	1.65	cps
Antimony	121-1	1402844	1397358	1380464	1393556	0.84	cps
Arsenic	75-2	61898	62481	61781	62053	0.60	cps
Barium	135-1	8692252	8621923	8524768	8612981	0.98	cps
Barium	137-1	14879164	14860407	14494726	14744766	1.47	cps
Beryllium	9-1	76226	75432	75073	75577	0.78	cps
Bismuth	209-1	11563189	11240936	11285307	11363144	1.54	cps
Bismuth	209-2	9928947	9894545	9993215	9938902	0.50	cps
Bromine	81-1	16830	16216	16266	16437	2.07	cps
Bromine	81-2	510	427	450	462	9.30	cps
Cadmium	108-1	12642	12659	12586	12629	0.30	cps
Cadmium	106-1	23676	23145	23335	23386	1.15	cps
Cadmium	111-1	192150	193169	188926	191415	1.16	cps
Calcium	43-1	1512774	1503089	1482182	1499349	1.04	cps
Calcium	44-1	24126314	23951360	23972147	24016607	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1479533	1478865	1472029	1476809	0.28	cps
Cobalt	59-2	4804560	4750189	4717376	4757375	0.93	cps
Copper	63-2	2026098	2030053	2004399	2020183	0.68	cps
Dysprosium	156-1	135953	131303	130318	132525	2.27	cps
Dysprosium	156-2	120868	120182	119355	120135	0.63	cps
Erbium	164-1	111167	112263	110348	111259	0.86	cps
Erbium	164-2	83504	82646	83897	83349	0.77	cps
Gadolinium	160-1	128583	126572	127140	127432	0.81	cps
Gadolinium	160-2	97922	99188	98765	98625	0.65	cps
Holmium	165-1	19775231	18937527	18868023	19193594	2.63	cps
Holmium	165-2	14268274	14273688	14139180	14227047	0.54	cps
Indium	115-1	16250169	15748658	15690475	15896434	1.94	cps
Indium	115-2	6002891	5903119	5899398	5935136	0.99	cps
Iron	56-2	383074581	378964728	376650408	379563239	0.86	cps
Iron	57-2	9426193	9323532	9312859	9354195	0.67	cps
Iron	54-2	20825653	20615805	20618346	20686601	0.58	cps
Krypton	83-1	480	467	453	467	2.86	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:19:40	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	500583	499784	494325	498231	0.68	cps
Lead	207-1	409581	403939	406527	406682	0.69	cps
Lead	208-1	1509581	1502855	1493630	1502022	0.53	cps
Lithium	6-1	2065134	2026414	2011168	2034239	1.37	cps
Magnesium	24-2	10303329	10348874	10303159	10318454	0.26	cps
Manganese	55-2	11300516	11241100	11267039	11269552	0.26	cps
Molybdenum	94-1	153945	155987	152339	154091	1.19	cps
Molybdenum	95-1	5051	4861	4531	4814	5.47	cps
Molybdenum	96-1	34591	34464	33695	34250	1.41	cps
Molybdenum	97-1	2854	2980	2970	2935	2.40	cps
Molybdenum	98-1	7449	7375	7485	7436	0.75	cps
Neodymium	150-1	235633	234574	231459	233889	0.93	cps
Neodymium	150-2	147901	148187	146007	147365	0.80	cps
Nickel	60-2	1260982	1250563	1247980	1253175	0.55	cps
Phosphorus	31-2	41961	42499	41800	42087	0.87	cps
Potassium	39-2	3143060	3173887	3171188	3162711	0.54	cps
Rhodium	103-1	15242201	14956866	14760047	14986371	1.62	cps
Rhodium	103-2	9117136	8926580	8907526	8983748	1.29	cps
Scandium	45-1	9407023	9155766	9078073	9213621	1.87	cps
Scandium	45-2	782977	773183	771987	776049	0.78	cps
Selenium	82-1	24034	23396	23313	23581	1.67	cps
Selenium	77-2	2860	3074	2864	2933	4.17	cps
Selenium	78-2	9260	8843	9473	9192	3.49	cps
Silicon	28-1	10550585	10478179	10381522	10470095	0.81	cps
Silver	107-1	871499	869650	864424	868524	0.42	cps
Silver	109-1	829070	830278	827854	829067	0.15	cps
Sodium	23-2	169053	167786	168848	168562	0.40	cps
Strontium	86-1	916811	912486	901026	910108	0.90	cps
Strontium	88-1	8129802	8024690	8021838	8058777	0.76	cps
Sulfur	34-1	217627	215714	211841	215061	1.37	cps
Terbium	159-1	20317746	19664438	19273426	19751870	2.67	cps
Terbium	159-2	14009895	14074582	13997145	14027207	0.30	cps
Thallium	203-1	634038	636324	628499	632954	0.64	cps
Thallium	205-1	1502899	1501171	1493828	1499299	0.32	cps
Tin	118-1	5805	5951	5888	5881	1.25	cps
Titanium	47-1	801319	794028	790710	795352	0.68	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:19:40	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36319	36507	36583	36470	0.37	cps
Vanadium	51-2	2993477	3028539	3002766	3008261	0.60	cps
Yttrium	89-1	21118051	20545411	20495689	20719717	1.67	cps
Yttrium	89-2	5684964	5636645	5540381	5620663	1.31	cps
Zinc	66-2	767138	766264	762179	765194	0.35	cps
Zirconium	90-1	413382	411177	408564	411041	0.59	cps
Zirconium	91-1	92556	91640	90239	91478	1.28	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:22:41	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13431774	13522184	13515402	13489786	0.37	cps
Antimony	121-1	5439115	5303042	5246627	5329595	1.86	cps
Arsenic	75-2	146993	144812	145875	145893	0.75	cps
Barium	135-1	27952826	27801905	27810215	27854982	0.30	cps
Barium	137-1	47803151	47592936	47450549	47615545	0.37	cps
Beryllium	9-1	279535	275648	275143	276776	0.87	cps
Bismuth	209-1	11212049	11448119	11076251	11245473	1.67	cps
Bismuth	209-2	9677476	9677247	9644947	9666556	0.19	cps
Bromine	81-1	16196	15892	15698	15929	1.57	cps
Bromine	81-2	453	547	427	476	13.25	cps
Cadmium	108-1	46394	46350	46257	46334	0.15	cps
Cadmium	106-1	70065	69050	68979	69365	0.88	cps
Cadmium	111-1	711904	697394	693073	700790	1.41	cps
Calcium	43-1	1407279	1390998	1409159	1402478	0.71	cps
Calcium	44-1	23052592	22648851	22638029	22779824	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4494105	4481558	4402578	4459414	1.11	cps
Cobalt	59-2	16837285	16735966	16709291	16760847	0.40	cps
Copper	63-2	6156335	6087754	6171598	6138562	0.73	cps
Dysprosium	156-1	127775	127563	126991	127443	0.32	cps
Dysprosium	156-2	115204	117593	114092	115630	1.55	cps
Erbium	164-1	108218	107106	105578	106967	1.24	cps
Erbium	164-2	80494	78646	77416	78852	1.96	cps
Gadolinium	160-1	122308	120835	121696	121613	0.61	cps
Gadolinium	160-2	95133	93959	93093	94062	1.09	cps
Holmium	165-1	19208546	18575806	18348271	18710874	2.38	cps
Holmium	165-2	14090302	13887434	13786857	13921531	1.11	cps
Indium	115-1	15681861	15384883	15401711	15489485	1.08	cps
Indium	115-2	5755806	5700933	5711529	5722756	0.51	cps
Iron	56-2	375402954	372059674	370524861	372662497	0.67	cps
Iron	57-2	9300500	9173075	9247199	9240258	0.69	cps
Iron	54-2	20467311	20195835	20182722	20281956	0.79	cps
Krypton	83-1	470	530	400	467	13.94	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:22:41	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1090283	1075698	1069446	1078476	0.99	cps
Lead	207-1	880530	877227	870660	876139	0.57	cps
Lead	208-1	3315903	3317809	3307469	3313727	0.17	cps
Lithium	6-1	2025278	1957469	1931295	1971347	2.46	cps
Magnesium	24-2	9724992	9620159	9620537	9655229	0.63	cps
Manganese	55-2	16702469	16673991	16554106	16643522	0.47	cps
Molybdenum	94-1	146409	142630	143865	144301	1.34	cps
Molybdenum	95-1	4938	4958	5021	4972	0.88	cps
Molybdenum	96-1	33271	32880	32109	32753	1.81	cps
Molybdenum	97-1	2760	2850	2674	2761	3.20	cps
Molybdenum	98-1	7889	7822	7762	7824	0.81	cps
Neodymium	150-1	225171	225904	224418	225164	0.33	cps
Neodymium	150-2	140701	141741	141044	141162	0.38	cps
Nickel	60-2	4378808	4359756	4350307	4362957	0.33	cps
Phosphorus	31-2	39999	39414	38622	39345	1.76	cps
Potassium	39-2	3009345	2931521	2956950	2965939	1.34	cps
Rhodium	103-1	14651970	14414866	14306070	14457635	1.22	cps
Rhodium	103-2	8727620	8761306	8666177	8718368	0.55	cps
Scandium	45-1	9057584	8901847	8788347	8915926	1.52	cps
Scandium	45-2	758210	748707	743906	750274	0.97	cps
Selenium	82-1	94909	93898	93351	94053	0.84	cps
Selenium	77-2	9947	10504	10747	10399	3.95	cps
Selenium	78-2	34203	33548	33712	33821	1.01	cps
Silicon	28-1	11168469	11020924	11048962	11079452	0.71	cps
Silver	107-1	3346662	3359504	3363318	3356494	0.26	cps
Silver	109-1	3189038	3167805	3138255	3165033	0.81	cps
Sodium	23-2	161398	159489	159775	160221	0.64	cps
Strontium	86-1	881602	861764	851719	865028	1.76	cps
Strontium	88-1	7835921	7557926	7598823	7664223	1.96	cps
Sulfur	34-1	199693	194846	190633	195057	2.32	cps
Terbium	159-1	19453967	19284824	19462604	19400465	0.52	cps
Terbium	159-2	14003905	13932046	13711660	13882537	1.10	cps
Thallium	203-1	2516974	2445814	2446894	2469894	1.65	cps
Thallium	205-1	5941392	5815494	5814237	5857041	1.25	cps
Tin	118-1	6025	5938	6131	6031	1.61	cps
Titanium	47-1	750619	746218	734815	743884	1.10	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:22:41	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35845	35882	35721	35816	0.23	cps
Vanadium	51-2	9619624	9470554	9455360	9515180	0.95	cps
Yttrium	89-1	20426520	20139784	19931836	20166046	1.23	cps
Yttrium	89-2	5469142	5415068	5452073	5445428	0.51	cps
Zinc	66-2	2287444	2292037	2283814	2287765	0.18	cps
Zirconium	90-1	388736	383872	382792	385133	0.82	cps
Zirconium	91-1	87355	86329	86057	86580	0.79	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:25:32	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28034465	28042024	28214752	28097080	0.36	cps
Antimony	121-1	323708	327322	325504	325512	0.56	cps
Arsenic	75-2	50375	50746	49900	50341	0.84	cps
Barium	135-1	341284	338784	342800	340956	0.59	cps
Barium	137-1	594212	594652	587395	592086	0.69	cps
Beryllium	9-1	1103	1190	1040	1111	6.78	cps
Bismuth	209-1	11468265	10933667	10878432	11093455	2.94	cps
Bismuth	209-2	9618058	9524008	9569004	9570357	0.49	cps
Bromine	81-1	15752	15865	15835	15817	0.37	cps
Bromine	81-2	400	487	497	461	11.53	cps
Cadmium	108-1	413	407	383	401	3.93	cps
Cadmium	106-1	5558	5451	5644	5551	1.75	cps
Cadmium	111-1	7595	7585	7830	7670	1.81	cps
Calcium	43-1	1587911	1576558	1573771	1579413	0.47	cps
Calcium	44-1	25458228	25258380	25162989	25293199	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1825789	1830130	1816187	1824035	0.39	cps
Cobalt	59-2	1137227	1134980	1134202	1135470	0.14	cps
Copper	63-2	2566782	2548190	2540855	2551942	0.52	cps
Dysprosium	156-1	68707	69075	68214	68665	0.63	cps
Dysprosium	156-2	55412	54505	55727	55215	1.15	cps
Erbium	164-1	90963	90802	90530	90765	0.24	cps
Erbium	164-2	66993	67844	67167	67334	0.67	cps
Gadolinium	160-1	76524	76048	75381	75984	0.76	cps
Gadolinium	160-2	58702	58458	59576	58912	1.00	cps
Holmium	165-1	19602483	18927881	18719561	19083308	2.42	cps
Holmium	165-2	14003184	13708126	13914846	13875385	1.09	cps
Indium	115-1	16223216	15453572	15377712	15684833	2.98	cps
Indium	115-2	5842310	5830763	5743022	5805365	0.94	cps
Iron	56-2	1040523478	1040206705	1029088571	1036606251	0.63	cps
Iron	57-2	25427054	25570808	25490398	25496087	0.28	cps
Iron	54-2	56190478	55953494	56103229	56082400	0.21	cps
Krypton	83-1	410	437	437	428	3.60	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:25:32	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	183145	184710	181909	183255	0.77	cps
Lead	207-1	159787	158692	157879	158786	0.60	cps
Lead	208-1	576770	577606	571293	575223	0.60	cps
Lithium	6-1	2039678	1979722	1968955	1996118	1.91	cps
Magnesium	24-2	35198409	34953871	34969864	35040715	0.39	cps
Manganese	55-2	18823545	18789836	18752459	18788613	0.19	cps
Molybdenum	94-1	32169	32646	32002	32272	1.04	cps
Molybdenum	95-1	11781	11668	11495	11648	1.24	cps
Molybdenum	96-1	26668	26267	26938	26624	1.27	cps
Molybdenum	97-1	7172	7275	7289	7245	0.88	cps
Molybdenum	98-1	18375	18091	17854	18107	1.44	cps
Neodymium	150-1	72833	73480	73695	73336	0.61	cps
Neodymium	150-2	45771	46707	46724	46400	1.18	cps
Nickel	60-2	483055	477734	477920	479570	0.63	cps
Phosphorus	31-2	26223	26056	26146	26141	0.32	cps
Potassium	39-2	2217840	2223496	2202562	2214633	0.49	cps
Rhodium	103-1	15072436	14416972	14300456	14596621	2.85	cps
Rhodium	103-2	8751656	8744270	8679687	8725204	0.45	cps
Scandium	45-1	10576254	10091762	9990707	10219574	3.06	cps
Scandium	45-2	872496	866214	871252	869987	0.38	cps
Selenium	82-1	1157	1157	1131	1148	1.29	cps
Selenium	77-2	223	163	250	212	20.92	cps
Selenium	78-2	887	797	817	833	5.67	cps
Silicon	28-1	4933386	4996167	5075626	5001726	1.43	cps
Silver	107-1	7829	7375	7292	7499	3.85	cps
Silver	109-1	7269	7299	6908	7158	3.03	cps
Sodium	23-2	155984	157681	155707	156458	0.68	cps
Strontium	86-1	342008	339143	336780	339310	0.77	cps
Strontium	88-1	2986688	3049661	3006885	3014412	1.07	cps
Sulfur	34-1	195516	195436	196111	195688	0.19	cps
Terbium	159-1	20247501	19500628	19301873	19683334	2.53	cps
Terbium	159-2	13838499	13747637	13862871	13816335	0.44	cps
Thallium	203-1	12035	11775	12059	11956	1.32	cps
Thallium	205-1	28119	28560	28186	28288	0.84	cps
Tin	118-1	17407	17257	17267	17311	0.49	cps
Titanium	47-1	2799469	2829732	2817009	2815404	0.54	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:25:32	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10654	10618	10674	10649	0.27	cps
Vanadium	51-2	2884862	2845360	2849565	2859929	0.76	cps
Yttrium	89-1	20779262	20076532	19967260	20274351	2.17	cps
Yttrium	89-2	5487106	5558672	5523818	5523199	0.65	cps
Zinc	66-2	315778	315579	313072	314810	0.48	cps
Zirconium	90-1	66500	67819	66902	67073	1.01	cps
Zirconium	91-1	14821	15225	14931	14992	1.39	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-21	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:28:36	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27622317	27473294	27498762	27531458	0.29	cps
Antimony	121-1	3864	3874	3984	3907	1.70	cps
Arsenic	75-2	49074	48258	49535	48956	1.32	cps
Barium	135-1	323546	323230	317815	321530	1.00	cps
Barium	137-1	564602	555573	556178	558784	0.90	cps
Beryllium	9-1	793	947	987	909	11.23	cps
Bismuth	209-1	11226159	11008882	10852001	11029014	1.70	cps
Bismuth	209-2	9568650	9456889	9487712	9504417	0.61	cps
Bromine	81-1	16032	15248	15715	15665	2.52	cps
Bromine	81-2	550	510	490	517	5.91	cps
Cadmium	108-1	280	337	293	303	9.77	cps
Cadmium	106-1	5118	5491	5218	5275	3.66	cps
Cadmium	111-1	5943	6235	6111	6096	2.40	cps
Calcium	43-1	1793390	1765698	1740199	1766429	1.51	cps
Calcium	44-1	29000664	28993625	28460177	28818155	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1749146	1753799	1733590	1745512	0.61	cps
Cobalt	59-2	1118598	1111457	1099031	1109696	0.89	cps
Copper	63-2	2432791	2473197	2453526	2453171	0.82	cps
Dysprosium	156-1	68198	67163	66905	67422	1.01	cps
Dysprosium	156-2	54231	55071	54100	54467	0.97	cps
Erbium	164-1	87776	89051	89303	88710	0.92	cps
Erbium	164-2	65047	64759	65801	65202	0.82	cps
Gadolinium	160-1	75888	73756	73937	74527	1.59	cps
Gadolinium	160-2	57644	57641	56490	57258	1.16	cps
Holmium	165-1	19032613	18773280	18655090	18820328	1.03	cps
Holmium	165-2	13989820	13800830	14015651	13935434	0.84	cps
Indium	115-1	15814683	15632937	15281658	15576426	1.74	cps
Indium	115-2	5783661	5828522	5737422	5783202	0.79	cps
Iron	56-2	1021328625	1020313398	1021249905	1020963976	0.06	cps
Iron	57-2	25526449	25492714	25032432	25350532	1.09	cps
Iron	54-2	54870066	54873933	55211996	54985331	0.36	cps
Krypton	83-1	490	443	460	464	5.09	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-21	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:28:36	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1222726	1221972	1209469	1218055	0.61	cps
Lead	207-1	1013529	990257	994760	999516	1.23	cps
Lead	208-1	3818481	3723615	3745175	3762424	1.32	cps
Lithium	6-1	1982829	1968805	1941002	1964212	1.08	cps
Magnesium	24-2	34191589	34140817	34094779	34142395	0.14	cps
Manganese	55-2	17863615	17935769	17900234	17899873	0.20	cps
Molybdenum	94-1	28872	48928	28518	35439	32.97	cps
Molybdenum	95-1	5234	5278	5144	5219	1.30	cps
Molybdenum	96-1	19950	19433	19784	19722	1.34	cps
Molybdenum	97-1	3294	3280	3337	3304	0.90	cps
Molybdenum	98-1	7685	7739	7715	7713	0.35	cps
Neodymium	150-1	72193	71520	70599	71437	1.12	cps
Neodymium	150-2	44982	45025	44797	44935	0.27	cps
Nickel	60-2	451079	449007	449247	449778	0.25	cps
Phosphorus	31-2	20704	20948	19840	20497	2.84	cps
Potassium	39-2	1837630	1835997	1850074	1841234	0.42	cps
Rhodium	103-1	14695692	14405550	14365390	14488877	1.24	cps
Rhodium	103-2	8777869	8774009	8706934	8752937	0.46	cps
Scandium	45-1	10537393	10273929	10128787	10313370	2.01	cps
Scandium	45-2	881324	877492	883762	880859	0.36	cps
Selenium	82-1	905	1003	963	957	5.18	cps
Selenium	77-2	190	150	230	190	21.05	cps
Selenium	78-2	767	743	807	772	4.15	cps
Silicon	28-1	6174062	6049835	5970776	6064891	1.69	cps
Silver	107-1	3240	3537	3320	3366	4.56	cps
Silver	109-1	3364	3407	3580	3450	3.32	cps
Sodium	23-2	127116	126541	125469	126375	0.66	cps
Strontium	86-1	315475	314511	310688	313558	0.81	cps
Strontium	88-1	2804730	2752492	2797617	2784946	1.02	cps
Sulfur	34-1	201270	201601	200858	201243	0.19	cps
Terbium	159-1	19660796	19079835	19073395	19271342	1.75	cps
Terbium	159-2	13837090	13803310	13677749	13772716	0.61	cps
Thallium	203-1	1903	1933	2004	1947	2.64	cps
Thallium	205-1	4691	4631	4451	4591	2.72	cps
Tin	118-1	8209	8319	8226	8251	0.72	cps
Titanium	47-1	2810945	2808140	2809897	2809661	0.05	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-21	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:28:36	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10037	10264	9850	10051	2.06	cps
Vanadium	51-2	2839807	2810356	2821081	2823748	0.53	cps
Yttrium	89-1	20469573	19890461	20062953	20140996	1.48	cps
Yttrium	89-2	5625119	5521960	5538278	5561786	1.00	cps
Zinc	66-2	287072	285183	286881	286379	0.36	cps
Zirconium	90-1	70762	69430	86168	75453	12.33	cps
Zirconium	91-1	15809	14971	15615	15465	2.84	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:31:37	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5799757	5723809	5759256	5760941	0.66	cps
Antimony	121-1	76824	77524	76502	76950	0.68	cps
Arsenic	75-2	10614	10277	10587	10493	1.78	cps
Barium	135-1	69552	68701	69847	69367	0.86	cps
Barium	137-1	120267	119923	119399	119863	0.36	cps
Beryllium	9-1	260	273	273	269	2.86	cps
Bismuth	209-1	11212694	11263100	11219520	11231772	0.24	cps
Bismuth	209-2	9766489	9951091	9890965	9869515	0.95	cps
Bromine	81-1	15465	15472	15151	15363	1.19	cps
Bromine	81-2	260	223	227	237	8.57	cps
Cadmium	108-1	93	97	83	91	7.62	cps
Cadmium	106-1	4928	4824	4701	4818	2.36	cps
Cadmium	111-1	4241	4269	4082	4197	2.40	cps
Calcium	43-1	331769	329294	329256	330106	0.44	cps
Calcium	44-1	5157976	5244630	5164689	5189098	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	377157	372702	375229	375029	0.60	cps
Cobalt	59-2	238093	239857	236702	238217	0.66	cps
Copper	63-2	534897	535063	533404	534454	0.17	cps
Dysprosium	156-1	13837	13600	14231	13889	2.29	cps
Dysprosium	156-2	11151	11098	10961	11070	0.89	cps
Erbium	164-1	17855	18349	18602	18269	2.08	cps
Erbium	164-2	13243	13503	13350	13365	0.98	cps
Gadolinium	160-1	15382	14748	14965	15031	2.14	cps
Gadolinium	160-2	12269	12763	12379	12470	2.08	cps
Holmium	165-1	18711535	18646206	18503729	18620490	0.57	cps
Holmium	165-2	13832284	14081743	14065368	13993132	1.00	cps
Indium	115-1	15845270	15658068	15630747	15711362	0.74	cps
Indium	115-2	5964445	6006454	5944787	5971895	0.53	cps
Iron	56-2	213597610	213457223	214174777	213743203	0.18	cps
Iron	57-2	5312848	5317509	5277886	5302748	0.41	cps
Iron	54-2	11555749	11582326	11537965	11558680	0.19	cps
Krypton	83-1	317	297	370	328	11.57	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:31:37	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39273	39310	39882	39488	0.86	cps
Lead	207-1	34390	33331	33588	33770	1.64	cps
Lead	208-1	123446	123081	123168	123232	0.15	cps
Lithium	6-1	1999532	1978137	1956366	1978012	1.09	cps
Magnesium	24-2	7169239	7115040	7172050	7152109	0.45	cps
Manganese	55-2	3869157	3793211	3853572	3838647	1.04	cps
Molybdenum	94-1	6698	6972	6825	6832	2.00	cps
Molybdenum	95-1	2767	2804	2730	2767	1.33	cps
Molybdenum	96-1	6011	5871	5885	5922	1.31	cps
Molybdenum	97-1	1873	1890	1587	1783	9.56	cps
Molybdenum	98-1	4457	4161	4247	4288	3.56	cps
Neodymium	150-1	15052	14498	14698	14749	1.90	cps
Neodymium	150-2	9567	9233	9620	9473	2.21	cps
Nickel	60-2	103782	103037	102296	103038	0.72	cps
Phosphorus	31-2	5935	5898	5644	5826	2.71	cps
Potassium	39-2	540229	537568	540573	539456	0.30	cps
Rhodium	103-1	14885459	14999115	14860001	14914858	0.50	cps
Rhodium	103-2	9145243	9123365	9039008	9102539	0.62	cps
Scandium	45-1	9086888	9181398	9085893	9118059	0.60	cps
Scandium	45-2	794135	792235	796619	794330	0.28	cps
Selenium	82-1	912	910	818	880	6.10	cps
Selenium	77-2	17	57	47	40	52.04	cps
Selenium	78-2	670	593	603	622	6.70	cps
Silicon	28-1	1891117	1940979	1911475	1914524	1.31	cps
Silver	107-1	1873	1697	1727	1766	5.35	cps
Silver	109-1	1683	1587	1670	1647	3.18	cps
Sodium	23-2	58725	59126	57738	58530	1.22	cps
Strontium	86-1	70042	69235	69758	69678	0.59	cps
Strontium	88-1	607387	608116	604409	606637	0.32	cps
Sulfur	34-1	192631	196077	194876	194528	0.90	cps
Terbium	159-1	19528211	19074390	19008783	19203795	1.47	cps
Terbium	159-2	13725592	13807254	13748989	13760612	0.31	cps
Thallium	203-1	3517	3347	3484	3449	2.61	cps
Thallium	205-1	8099	7686	7859	7881	2.64	cps
Tin	118-1	5548	5741	5655	5648	1.72	cps
Titanium	47-1	567591	570824	569191	569202	0.28	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-13 16:31:37	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2140	2104	2134	2126	0.92	cps
Vanadium	51-2	581938	580242	580013	580731	0.18	cps
Yttrium	89-1	19175781	19059467	18839259	19024836	0.90	cps
Yttrium	89-2	5390468	5408775	5320956	5373400	0.86	cps
Zinc	66-2	67542	68037	67907	67829	0.38	cps
Zirconium	90-1	14043	13760	14154	13986	1.45	cps
Zirconium	91-1	3177	3174	3140	3164	0.64	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-22	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:34:48	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28126860	28078353	27842505	28015906	0.54	cps
Antimony	121-1	1439901	1435729	1405698	1427109	1.31	cps
Arsenic	75-2	80500	79605	79830	79978	0.58	cps
Barium	135-1	7241965	7212098	7084044	7179369	1.17	cps
Barium	137-1	12513836	12298116	12161532	12324495	1.44	cps
Beryllium	9-1	71443	72628	71034	71702	1.15	cps
Bismuth	209-1	11561233	11377254	11014397	11317628	2.46	cps
Bismuth	209-2	9774959	9821786	9707445	9768064	0.59	cps
Bromine	81-1	16493	16426	16229	16383	0.84	cps
Bromine	81-2	510	533	527	523	2.30	cps
Cadmium	108-1	12706	12539	12389	12544	1.26	cps
Cadmium	106-1	22931	22337	22307	22525	1.56	cps
Cadmium	111-1	197003	194639	192168	194603	1.24	cps
Calcium	43-1	1645212	1620730	1578676	1614873	2.08	cps
Calcium	44-1	26556768	26244341	25645978	26149029	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2910214	2901541	2894866	2902207	0.27	cps
Cobalt	59-2	5448615	5369494	5431435	5416514	0.77	cps
Copper	63-2	4011127	4010813	3963490	3995143	0.69	cps
Dysprosium	156-1	69347	68657	68626	68877	0.59	cps
Dysprosium	156-2	55087	55931	54716	55245	1.13	cps
Erbium	164-1	91993	92530	90745	91756	1.00	cps
Erbium	164-2	66521	67455	66075	66684	1.06	cps
Gadolinium	160-1	77489	77395	76748	77211	0.52	cps
Gadolinium	160-2	58766	59489	58066	58774	1.21	cps
Holmium	165-1	19542472	19302850	19176539	19340620	0.96	cps
Holmium	165-2	14420416	14152447	14105495	14226119	1.19	cps
Indium	115-1	16128515	15833606	15560798	15840973	1.79	cps
Indium	115-2	5930244	5814091	5728820	5824385	1.74	cps
Iron	56-2	1030930225	1028729158	1025209691	1028289691	0.28	cps
Iron	57-2	25656020	25571145	25403669	25543611	0.50	cps
Iron	54-2	56155154	55815951	55762824	55911310	0.38	cps
Krypton	83-1	427	470	483	460	6.44	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-22	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:34:48	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	485378	487686	479636	484234	0.86	cps
Lead	207-1	401388	404831	398676	401632	0.77	cps
Lead	208-1	1481235	1489612	1464733	1478527	0.86	cps
Lithium	6-1	2066538	2014457	2023757	2034917	1.36	cps
Magnesium	24-2	34432619	34216328	34333643	34327530	0.32	cps
Manganese	55-2	20548410	20378503	20393857	20440257	0.46	cps
Molybdenum	94-1	28972	29002	28875	28950	0.23	cps
Molybdenum	95-1	6011	6031	5918	5987	1.01	cps
Molybdenum	96-1	21503	20805	20548	20952	2.36	cps
Molybdenum	97-1	3594	3417	3650	3554	3.43	cps
Molybdenum	98-1	9030	8639	8593	8754	2.74	cps
Neodymium	150-1	74157	74006	74086	74083	0.10	cps
Neodymium	150-2	46767	46128	47072	46656	1.03	cps
Nickel	60-2	1577631	1554145	1558267	1563348	0.80	cps
Phosphorus	31-2	20614	20891	20611	20705	0.78	cps
Potassium	39-2	1820273	1816048	1870671	1835664	1.66	cps
Rhodium	103-1	15073208	14756871	14370899	14733659	2.39	cps
Rhodium	103-2	8938774	8772886	8798431	8836697	1.01	cps
Scandium	45-1	10641699	10464366	10220172	10442079	2.03	cps
Scandium	45-2	882030	876076	872524	876877	0.55	cps
Selenium	82-1	23745	23737	23249	23577	1.20	cps
Selenium	77-2	2570	2740	2470	2594	5.26	cps
Selenium	78-2	8826	8743	9196	8922	2.71	cps
Silicon	28-1	8755324	8600086	8537413	8630941	1.30	cps
Silver	107-1	861881	859380	844604	855288	1.09	cps
Silver	109-1	817618	818162	807619	814466	0.73	cps
Sodium	23-2	129196	129008	130433	129546	0.60	cps
Strontium	86-1	338757	335609	330782	335049	1.20	cps
Strontium	88-1	2997525	2961542	2910764	2956610	1.47	cps
Sulfur	34-1	207633	205772	204540	205982	0.76	cps
Terbium	159-1	19999833	19651745	19348609	19666729	1.66	cps
Terbium	159-2	14010965	14006196	13881235	13966132	0.53	cps
Thallium	203-1	644549	644427	635477	641484	0.81	cps
Thallium	205-1	1535121	1531607	1513266	1526665	0.77	cps
Tin	118-1	8826	8496	8846	8723	2.26	cps
Titanium	47-1	2916596	2890584	2853435	2886872	1.10	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-22	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:34:48	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10865	10744	10764	10791	0.60	cps
Vanadium	51-2	5208698	5185299	5123599	5172532	0.85	cps
Yttrium	89-1	20856436	20664073	20142555	20554355	1.80	cps
Yttrium	89-2	5652246	5512961	5496692	5553966	1.54	cps
Zinc	66-2	827436	815612	819032	820694	0.74	cps
Zirconium	90-1	68803	67866	67601	68090	0.93	cps
Zirconium	91-1	15044	15475	14971	15163	1.80	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:37:44	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28553175	28323789	28429916	28435627	0.40	cps
Antimony	121-1	5352498	5284370	5195859	5277576	1.49	cps
Arsenic	75-2	162235	161369	160305	161303	0.60	cps
Barium	135-1	27476980	27206079	27062714	27248591	0.77	cps
Barium	137-1	47240813	46330323	46794709	46788615	0.97	cps
Beryllium	9-1	279086	278636	277314	278345	0.33	cps
Bismuth	209-1	11350989	11134066	11126012	11203689	1.14	cps
Bismuth	209-2	9638537	9706404	9709443	9684795	0.41	cps
Bromine	81-1	16306	16756	16129	16397	1.97	cps
Bromine	81-2	503	460	527	497	6.81	cps
Cadmium	108-1	45177	45475	45247	45299	0.34	cps
Cadmium	106-1	68186	67640	67603	67809	0.48	cps
Cadmium	111-1	692505	693158	687854	691172	0.42	cps
Calcium	43-1	1567885	1547645	1512754	1542761	1.81	cps
Calcium	44-1	25099878	24991135	24797836	24962950	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5970259	5929740	5946919	5948973	0.34	cps
Cobalt	59-2	17904013	17722881	17941236	17856043	0.65	cps
Copper	63-2	8236116	8203237	8165392	8201581	0.43	cps
Dysprosium	156-1	67062	66181	65927	66390	0.90	cps
Dysprosium	156-2	54512	54110	54552	54391	0.45	cps
Erbium	164-1	87357	88625	87243	87742	0.87	cps
Erbium	164-2	65164	64521	64367	64684	0.65	cps
Gadolinium	160-1	73790	74108	73820	73906	0.24	cps
Gadolinium	160-2	56302	56186	56681	56390	0.46	cps
Holmium	165-1	19123276	19192476	18977559	19097770	0.57	cps
Holmium	165-2	14073164	14105324	14037135	14071874	0.24	cps
Indium	115-1	15856388	15705814	15322301	15628168	1.76	cps
Indium	115-2	5772068	5741350	5726614	5746677	0.40	cps
Iron	56-2	989523479	988926199	996983052	991810910	0.45	cps
Iron	57-2	24686682	24486403	24722195	24631760	0.52	cps
Iron	54-2	53733339	54036258	54005056	53924884	0.31	cps
Krypton	83-1	357	477	423	419	14.35	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:37:44	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1103635	1097525	1091928	1097696	0.53	cps
Lead	207-1	900192	899127	899705	899675	0.06	cps
Lead	208-1	3423850	3389952	3403687	3405830	0.50	cps
Lithium	6-1	2021528	1949541	2001054	1990708	1.86	cps
Magnesium	24-2	32889890	32585869	32600677	32692145	0.52	cps
Manganese	55-2	25569985	25794186	25952760	25772310	0.75	cps
Molybdenum	94-1	28581	27943	27970	28165	1.28	cps
Molybdenum	95-1	6008	5838	5631	5826	3.24	cps
Molybdenum	96-1	20364	20898	20331	20531	1.55	cps
Molybdenum	97-1	3324	3460	3567	3450	3.54	cps
Molybdenum	98-1	9226	9076	9213	9172	0.91	cps
Neodymium	150-1	73021	72817	70753	72197	1.74	cps
Neodymium	150-2	44878	44664	44369	44637	0.57	cps
Nickel	60-2	4812061	4723641	4750702	4762134	0.95	cps
Phosphorus	31-2	19893	19082	19369	19448	2.11	cps
Potassium	39-2	1780524	1736146	1738695	1751788	1.42	cps
Rhodium	103-1	14740677	14495153	14288367	14508066	1.56	cps
Rhodium	103-2	8779044	8704109	8774202	8752452	0.48	cps
Scandium	45-1	10315859	10166568	10178873	10220433	0.81	cps
Scandium	45-2	856925	852593	851345	853621	0.34	cps
Selenium	82-1	94955	94140	92655	93916	1.24	cps
Selenium	77-2	10187	10020	10334	10180	1.54	cps
Selenium	78-2	34537	34360	34136	34344	0.58	cps
Silicon	28-1	7754024	7390074	18753724	11299274	57.16	cps
Silver	107-1	3095566	3117142	3211330	3141346	1.96	cps
Silver	109-1	2670937	2859429	2785823	2772063	3.43	cps
Sodium	23-2	122734	122909	123111	122918	0.15	cps
Strontium	86-1	321406	318988	314977	318457	1.02	cps
Strontium	88-1	2825497	2806005	2778192	2803231	0.85	cps
Sulfur	34-1	202236	203361	198954	201517	1.14	cps
Terbium	159-1	19810223	19514298	19315017	19546512	1.27	cps
Terbium	159-2	13869368	13816416	13690817	13792201	0.66	cps
Thallium	203-1	2430353	2469789	2429204	2443116	0.95	cps
Thallium	205-1	5882739	5822452	5711578	5805590	1.50	cps
Tin	118-1	8493	8586	8086	8388	3.17	cps
Titanium	47-1	2777821	2717422	2779960	2758401	1.29	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:37:44	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10361	10324	10284	10323	0.37	cps
Vanadium	51-2	11978962	11932295	11723519	11878259	1.15	cps
Yttrium	89-1	20496276	20111304	19872073	20159884	1.56	cps
Yttrium	89-2	5506229	5427914	5465017	5466387	0.72	cps
Zinc	66-2	2377713	2334720	2347314	2353249	0.94	cps
Zirconium	90-1	65016	65137	64678	64944	0.37	cps
Zirconium	91-1	14808	14948	15445	15067	2.22	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ19	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:40:37	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13592371	13469714	13597831	13553305	0.53	cps
Antimony	121-1	7756	7665	7675	7699	0.64	cps
Arsenic	75-2	74214	73735	73008	73653	0.82	cps
Barium	135-1	1367695	1354170	1346712	1356192	0.78	cps
Barium	137-1	2415107	2372495	2349630	2379077	1.40	cps
Beryllium	9-1	2630	2604	2570	2601	1.16	cps
Bismuth	209-1	11380168	11137895	10856559	11124874	2.36	cps
Bismuth	209-2	9864908	10032778	9821599	9906429	1.13	cps
Bromine	81-1	16890	16513	16716	16706	1.13	cps
Bromine	81-2	747	803	773	774	3.66	cps
Cadmium	108-1	563	607	507	559	8.97	cps
Cadmium	106-1	6492	6178	6178	6283	2.88	cps
Cadmium	111-1	7243	7014	6940	7066	2.24	cps
Calcium	43-1	604457	603917	601075	603150	0.30	cps
Calcium	44-1	9507673	9434663	9287844	9410060	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	292128	293759	290290	292059	0.59	cps
Cobalt	59-2	396425	398967	397799	397730	0.32	cps
Copper	63-2	637408	642902	638123	639478	0.47	cps
Dysprosium	156-1	153222	154822	153481	153842	0.56	cps
Dysprosium	156-2	137124	136572	134914	136203	0.84	cps
Erbium	164-1	131758	130977	130327	131020	0.55	cps
Erbium	164-2	96701	97631	95950	96761	0.87	cps
Gadolinium	160-1	147918	148400	147890	148069	0.19	cps
Gadolinium	160-2	114974	113851	112682	113835	1.01	cps
Holmium	165-1	19288057	18658140	18517283	18821160	2.18	cps
Holmium	165-2	14047544	14225840	13948702	14074028	1.00	cps
Indium	115-1	15798307	15053344	15260971	15370874	2.50	cps
Indium	115-2	5676580	5878558	5843147	5799428	1.86	cps
Iron	56-2	539944939	543695272	540611339	541417183	0.37	cps
Iron	57-2	13427999	13476040	13443548	13449196	0.18	cps
Iron	54-2	29342224	29305152	29161967	29269781	0.33	cps
Krypton	83-1	450	437	520	469	9.55	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ19	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:40:37	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	499860	500032	497482	499124	0.29	cps
Lead	207-1	427461	436482	427912	430618	1.18	cps
Lead	208-1	1549101	1560992	1539804	1549966	0.69	cps
Lithium	6-1	2034171	1988079	1958037	1993429	1.92	cps
Magnesium	24-2	8747234	8663925	8697759	8702973	0.48	cps
Manganese	55-2	9701695	9705580	9683727	9697001	0.12	cps
Molybdenum	94-1	137929	136708	136068	136901	0.69	cps
Molybdenum	95-1	7929	8359	8009	8099	2.83	cps
Molybdenum	96-1	36559	36756	36218	36511	0.75	cps
Molybdenum	97-1	5034	5051	4878	4988	1.92	cps
Molybdenum	98-1	12329	12699	12472	12500	1.49	cps
Neodymium	150-1	257699	258789	257793	258094	0.23	cps
Neodymium	150-2	159047	162222	160910	160726	0.99	cps
Nickel	60-2	112887	113324	112101	112771	0.55	cps
Phosphorus	31-2	47116	47560	47229	47302	0.49	cps
Potassium	39-2	6318756	6234926	6232496	6262059	0.78	cps
Rhodium	103-1	14720588	14357652	14236820	14438353	1.74	cps
Rhodium	103-2	8726795	8966442	8899754	8864330	1.40	cps
Scandium	45-1	9103662	8696976	8728101	8842913	2.56	cps
Scandium	45-2	751095	761806	752680	755194	0.77	cps
Selenium	82-1	1150	1137	971	1086	9.18	cps
Selenium	77-2	507	420	403	443	12.51	cps
Selenium	78-2	907	903	857	889	3.14	cps
Silicon	28-1	28612871	28280144	28049194	28314070	1.00	cps
Silver	107-1	4607	4874	4527	4670	3.89	cps
Silver	109-1	4364	4314	3931	4203	5.64	cps
Sodium	23-2	152307	153253	152156	152572	0.39	cps
Strontium	86-1	321513	320646	317865	320008	0.60	cps
Strontium	88-1	2798305	2826269	2782067	2802213	0.80	cps
Sulfur	34-1	209111	202894	199808	203938	2.32	cps
Terbium	159-1	19624838	19286251	18925225	19278771	1.81	cps
Terbium	159-2	13635350	14104286	13801057	13846898	1.72	cps
Thallium	203-1	5364	5508	5474	5449	1.38	cps
Thallium	205-1	13026	12933	12686	12882	1.36	cps
Tin	118-1	17210	15909	16364	16494	4.00	cps
Titanium	47-1	1340992	1319498	1296444	1318978	1.69	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ19	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:40:37	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48826	49000	48712	48846	0.30	cps
Vanadium	51-2	811865	808621	806192	808893	0.35	cps
Yttrium	89-1	20516132	20203900	19852119	20190717	1.65	cps
Yttrium	89-2	5522205	5607285	5650616	5593368	1.17	cps
Zinc	66-2	332853	332727	332298	332626	0.09	cps
Zirconium	90-1	363872	363647	360829	362783	0.47	cps
Zirconium	91-1	81173	80884	80017	80691	0.75	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ20	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:43:42	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13165910	13273069	13127520	13188833	0.57	cps
Antimony	121-1	6065	5958	5941	5988	1.12	cps
Arsenic	75-2	78037	78399	78302	78246	0.24	cps
Barium	135-1	1419138	1409547	1402793	1410493	0.58	cps
Barium	137-1	2482013	2462759	2399175	2447982	1.77	cps
Beryllium	9-1	2620	2537	2497	2551	2.47	cps
Bismuth	209-1	11350261	11065990	11104326	11173526	1.38	cps
Bismuth	209-2	9791068	9768757	9610753	9723526	1.01	cps
Bromine	81-1	16646	16723	16202	16524	1.70	cps
Bromine	81-2	797	743	747	762	3.92	cps
Cadmium	108-1	543	570	583	566	3.60	cps
Cadmium	106-1	6341	5831	5985	6052	4.33	cps
Cadmium	111-1	7222	7183	6825	7077	3.10	cps
Calcium	43-1	578884	576931	571472	575762	0.67	cps
Calcium	44-1	9099394	9063192	8944349	9035645	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	304493	302823	307186	304834	0.72	cps
Cobalt	59-2	397660	397832	398376	397956	0.09	cps
Copper	63-2	609998	606568	607283	607950	0.30	cps
Dysprosium	156-1	152807	151537	151365	151903	0.52	cps
Dysprosium	156-2	135183	135728	137091	136001	0.72	cps
Erbium	164-1	127720	129786	128440	128649	0.81	cps
Erbium	164-2	94906	95283	95678	95289	0.40	cps
Gadolinium	160-1	147247	147742	146021	147003	0.60	cps
Gadolinium	160-2	114257	112366	113095	113239	0.84	cps
Holmium	165-1	18962671	18851076	18773852	18862533	0.50	cps
Holmium	165-2	13965115	13980518	13754736	13900123	0.91	cps
Indium	115-1	15678263	15375020	14986896	15346726	2.26	cps
Indium	115-2	5743093	5719025	5731417	5731178	0.21	cps
Iron	56-2	535654365	536230179	528253685	533379410	0.83	cps
Iron	57-2	13398757	13363106	13242565	13334809	0.61	cps
Iron	54-2	29041752	28892636	28880995	28938461	0.31	cps
Krypton	83-1	473	510	517	500	4.67	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ20	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:43:42	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	531154	531828	528083	530355	0.38	cps
Lead	207-1	463231	464844	463797	463957	0.18	cps
Lead	208-1	1675233	1672939	1664752	1670975	0.33	cps
Lithium	6-1	2008232	1947987	1957255	1971158	1.65	cps
Magnesium	24-2	8553367	8537205	8556464	8549012	0.12	cps
Manganese	55-2	9696495	9552312	9614003	9620936	0.75	cps
Molybdenum	94-1	136374	134693	134400	135156	0.79	cps
Molybdenum	95-1	8186	7775	8112	8024	2.73	cps
Molybdenum	96-1	35797	35894	35336	35676	0.84	cps
Molybdenum	97-1	5074	4958	4918	4983	1.63	cps
Molybdenum	98-1	12602	12549	12525	12559	0.31	cps
Neodymium	150-1	255299	255869	253840	255002	0.41	cps
Neodymium	150-2	161672	161196	159882	160917	0.58	cps
Nickel	60-2	114446	114587	113965	114333	0.28	cps
Phosphorus	31-2	44889	44799	44869	44852	0.11	cps
Potassium	39-2	6220362	6205111	6163945	6196473	0.47	cps
Rhodium	103-1	14452413	14284489	14218942	14318615	0.84	cps
Rhodium	103-2	8663300	8600910	8725199	8663136	0.72	cps
Scandium	45-1	9125146	8849476	8644578	8873067	2.72	cps
Scandium	45-2	754337	745298	742421	747352	0.83	cps
Selenium	82-1	1113	1015	1049	1059	4.72	cps
Selenium	77-2	487	427	453	456	6.60	cps
Selenium	78-2	940	903	907	917	2.21	cps
Silicon	28-1	26816636	25914740	25831364	26187580	2.09	cps
Silver	107-1	4194	4124	4124	4147	0.97	cps
Silver	109-1	3784	3877	3714	3792	2.16	cps
Sodium	23-2	156897	157405	158563	157622	0.54	cps
Strontium	86-1	314042	310014	311140	311732	0.67	cps
Strontium	88-1	2768076	2754925	2749607	2757536	0.34	cps
Sulfur	34-1	201571	200230	198285	200029	0.83	cps
Terbium	159-1	19524043	19172481	18954405	19216976	1.50	cps
Terbium	159-2	13865932	13647349	13660004	13724428	0.89	cps
Thallium	203-1	5204	5334	5485	5341	2.62	cps
Thallium	205-1	12546	12629	12849	12675	1.24	cps
Tin	118-1	15302	15969	16982	16084	5.26	cps
Titanium	47-1	1293877	1319055	1309949	1307627	0.97	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ20	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:43:42	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	49010	48093	47983	48362	1.17	cps
Vanadium	51-2	812246	811714	804322	809427	0.55	cps
Yttrium	89-1	20399980	20263239	20030496	20231238	0.92	cps
Yttrium	89-2	5485493	5491410	5469272	5482058	0.21	cps
Zinc	66-2	356742	357880	354714	356445	0.45	cps
Zirconium	90-1	355428	353984	352174	353862	0.46	cps
Zirconium	91-1	78659	78220	78197	78359	0.33	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ21	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:46:51	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14225335	14243856	14055846	14175012	0.73	cps
Antimony	121-1	17778	17648	17561	17662	0.62	cps
Arsenic	75-2	196384	198036	195540	196653	0.65	cps
Barium	135-1	1386163	1385971	1375997	1382710	0.42	cps
Barium	137-1	2454173	2438457	2379865	2424165	1.62	cps
Beryllium	9-1	2877	2794	2870	2847	1.63	cps
Bismuth	209-1	11229947	11090632	11279167	11199915	0.87	cps
Bismuth	209-2	9756728	9849841	9827697	9811422	0.50	cps
Bromine	81-1	16159	16129	16199	16162	0.22	cps
Bromine	81-2	743	857	760	787	7.78	cps
Cadmium	108-1	1233	1023	1193	1150	9.70	cps
Cadmium	106-1	6618	6872	6535	6675	2.63	cps
Cadmium	111-1	14620	15198	14493	14770	2.54	cps
Calcium	43-1	690924	683396	681266	685195	0.74	cps
Calcium	44-1	10915990	10666862	10617329	10733394	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	382336	380995	378297	380542	0.54	cps
Cobalt	59-2	586030	587898	582881	585603	0.43	cps
Copper	63-2	1497630	1490232	1476293	1488052	0.73	cps
Dysprosium	156-1	171682	172930	170538	171717	0.70	cps
Dysprosium	156-2	153367	152611	151858	152612	0.49	cps
Erbium	164-1	144774	146714	143875	145121	1.00	cps
Erbium	164-2	108094	107577	106928	107533	0.54	cps
Gadolinium	160-1	165872	166290	165305	165822	0.30	cps
Gadolinium	160-2	129690	126857	126696	127748	1.32	cps
Holmium	165-1	18948469	18745372	18716377	18803406	0.67	cps
Holmium	165-2	13886843	13871077	13879312	13879077	0.06	cps
Indium	115-1	15505600	15100861	15164638	15257033	1.43	cps
Indium	115-2	5714334	5797210	5749432	5753659	0.72	cps
Iron	56-2	760039349	760324842	753919935	758094709	0.48	cps
Iron	57-2	18910426	18653841	18575516	18713261	0.94	cps
Iron	54-2	40884634	40962736	40737936	40861769	0.28	cps
Krypton	83-1	477	550	473	500	8.67	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ21	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:46:51	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2131850	2119779	2096006	2115878	0.86	cps
Lead	207-1	1941262	1980186	1943401	1954950	1.12	cps
Lead	208-1	6868815	7009372	6873665	6917284	1.15	cps
Lithium	6-1	1989836	1946220	1963458	1966505	1.12	cps
Magnesium	24-2	10055314	9958627	9841107	9951683	1.08	cps
Manganese	55-2	10113709	10267782	10031000	10137497	1.19	cps
Molybdenum	94-1	148298	150322	148160	148927	0.81	cps
Molybdenum	95-1	12926	13530	13236	13231	2.28	cps
Molybdenum	96-1	45638	45186	46343	45722	1.27	cps
Molybdenum	97-1	8666	8456	8426	8516	1.54	cps
Molybdenum	98-1	20862	20938	20968	20923	0.26	cps
Neodymium	150-1	289420	290745	288397	289521	0.41	cps
Neodymium	150-2	182117	181202	180389	181236	0.48	cps
Nickel	60-2	142412	142408	140208	141676	0.90	cps
Phosphorus	31-2	63173	63846	62684	63234	0.92	cps
Potassium	39-2	7445377	7364759	7314051	7374729	0.90	cps
Rhodium	103-1	14499381	14066265	14103881	14223176	1.69	cps
Rhodium	103-2	8687424	8758867	8690600	8712297	0.46	cps
Scandium	45-1	8987108	8831104	8693683	8837298	1.66	cps
Scandium	45-2	753883	756771	751754	754136	0.33	cps
Selenium	82-1	1386	1343	1353	1361	1.63	cps
Selenium	77-2	557	503	557	539	5.71	cps
Selenium	78-2	1147	1027	1077	1083	5.56	cps
Silicon	28-1	25611251	25534486	25184253	25443330	0.89	cps
Silver	107-1	19023	18625	18025	18557	2.71	cps
Silver	109-1	17364	17571	17150	17362	1.21	cps
Sodium	23-2	158273	158451	156691	157805	0.61	cps
Strontium	86-1	339657	339136	335604	338132	0.65	cps
Strontium	88-1	3036007	2998112	2995680	3009933	0.75	cps
Sulfur	34-1	246574	246916	244786	246092	0.46	cps
Terbium	159-1	19422403	19118197	19119962	19220187	0.91	cps
Terbium	159-2	13891074	13689879	13614526	13731826	1.04	cps
Thallium	203-1	6378	6308	6131	6273	2.03	cps
Thallium	205-1	15095	15135	14731	14987	1.48	cps
Tin	118-1	19183	19046	18212	18814	2.79	cps
Titanium	47-1	1696995	1665403	1663970	1675456	1.11	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ21	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:46:51	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55997	55405	55552	55651	0.55	cps
Vanadium	51-2	1326857	1311627	1310692	1316392	0.69	cps
Yttrium	89-1	20561826	20236683	20197298	20331936	0.98	cps
Yttrium	89-2	5533241	5552037	5547065	5544115	0.18	cps
Zinc	66-2	912759	909767	904543	909023	0.46	cps
Zirconium	90-1	384143	381634	379599	381792	0.60	cps
Zirconium	91-1	84598	84491	84729	84606	0.14	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ22	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:49:52	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10669812	10752582	10566070	10662821	0.88	cps
Antimony	121-1	15151	14871	15068	15030	0.96	cps
Arsenic	75-2	176291	178296	175966	176851	0.71	cps
Barium	135-1	1111101	1118069	1114598	1114589	0.31	cps
Barium	137-1	1961318	1937652	1931950	1943640	0.80	cps
Beryllium	9-1	1937	1943	1950	1943	0.34	cps
Bismuth	209-1	12005464	11310448	11167677	11494530	3.90	cps
Bismuth	209-2	9782930	9708111	9829341	9773461	0.63	cps
Bromine	81-1	15508	15385	15615	15503	0.74	cps
Bromine	81-2	597	627	607	610	2.50	cps
Cadmium	108-1	587	533	697	606	13.75	cps
Cadmium	106-1	6078	5581	5691	5783	4.51	cps
Cadmium	111-1	9228	9235	9187	9217	0.28	cps
Calcium	43-1	486610	489375	487004	487663	0.31	cps
Calcium	44-1	7702194	7621430	7631966	7651863	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255760	254064	254846	254890	0.33	cps
Cobalt	59-2	292864	293537	294178	293526	0.22	cps
Copper	63-2	602866	605678	601899	603481	0.33	cps
Dysprosium	156-1	122542	123534	121345	122474	0.90	cps
Dysprosium	156-2	109153	111545	110453	110384	1.08	cps
Erbium	164-1	104074	105316	104953	104781	0.61	cps
Erbium	164-2	78026	78850	78200	78359	0.55	cps
Gadolinium	160-1	119453	119450	118549	119151	0.44	cps
Gadolinium	160-2	91442	92979	92020	92147	0.84	cps
Holmium	165-1	19832268	18451707	18545935	18943303	4.07	cps
Holmium	165-2	14070438	13939132	13630426	13879999	1.63	cps
Indium	115-1	16385926	15445977	15074992	15635632	4.32	cps
Indium	115-2	5750814	5790402	5724446	5755221	0.58	cps
Iron	56-2	493398393	487996686	487789846	489728308	0.65	cps
Iron	57-2	12074129	12170534	12060084	12101582	0.50	cps
Iron	54-2	26661652	26495963	26331633	26496416	0.62	cps
Krypton	83-1	443	437	447	442	1.15	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ22	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:49:52	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1230315	1246962	1236262	1237846	0.68	cps
Lead	207-1	1137076	1146349	1138308	1140578	0.44	cps
Lead	208-1	4107649	4200173	4088529	4132117	1.44	cps
Lithium	6-1	2122133	1913488	1934627	1990083	5.77	cps
Magnesium	24-2	7776881	7854673	7753783	7795112	0.68	cps
Manganese	55-2	6656039	6709744	6546910	6637564	1.25	cps
Molybdenum	94-1	114241	116103	113485	114609	1.18	cps
Molybdenum	95-1	16606	17110	16803	16840	1.51	cps
Molybdenum	96-1	40459	40880	40880	40740	0.60	cps
Molybdenum	97-1	10194	10681	10721	10532	2.79	cps
Molybdenum	98-1	26925	27269	26127	26773	2.19	cps
Neodymium	150-1	206175	209167	205875	207072	0.88	cps
Neodymium	150-2	129845	129865	131382	130364	0.68	cps
Nickel	60-2	96622	96390	96293	96435	0.18	cps
Phosphorus	31-2	44839	44772	44625	44745	0.24	cps
Potassium	39-2	5666337	5697610	5701079	5688342	0.34	cps
Rhodium	103-1	15331856	14449588	14328984	14703476	3.72	cps
Rhodium	103-2	8766394	8853049	8710829	8776757	0.82	cps
Scandium	45-1	9395490	8745703	8635216	8925470	4.60	cps
Scandium	45-2	744777	748701	739442	744307	0.62	cps
Selenium	82-1	1227	1160	1094	1160	5.73	cps
Selenium	77-2	417	437	313	389	17.02	cps
Selenium	78-2	790	823	857	823	4.05	cps
Silicon	28-1	21387514	21187135	21318415	21297688	0.48	cps
Silver	107-1	11151	11224	10961	11112	1.22	cps
Silver	109-1	10317	10531	10701	10516	1.83	cps
Sodium	23-2	135937	138197	137530	137221	0.85	cps
Strontium	86-1	250634	251803	249456	250631	0.47	cps
Strontium	88-1	2216028	2222973	2204487	2214496	0.42	cps
Sulfur	34-1	200446	199312	198809	199522	0.42	cps
Terbium	159-1	20667675	19323016	18929488	19640060	4.64	cps
Terbium	159-2	13668285	13725611	13679739	13691212	0.22	cps
Thallium	203-1	4891	5004	4768	4888	2.42	cps
Thallium	205-1	11395	11572	11625	11531	1.04	cps
Tin	118-1	16052	16920	16510	16494	2.63	cps
Titanium	47-1	1258892	1257958	1258755	1258535	0.04	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ22	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:49:52	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38161	38205	37700	38022	0.74	cps
Vanadium	51-2	661811	657857	651576	657082	0.79	cps
Yttrium	89-1	20855963	19762963	19576012	20064979	3.45	cps
Yttrium	89-2	5442732	5456605	5385952	5428430	0.69	cps
Zinc	66-2	605961	610833	603146	606647	0.64	cps
Zirconium	90-1	283893	284887	284168	284316	0.18	cps
Zirconium	91-1	62924	63794	62877	63199	0.82	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ23	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:52:59	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11628356	11580693	11541731	11583593	0.37	cps
Antimony	121-1	11284	11635	11281	11400	1.78	cps
Arsenic	75-2	183009	181637	179848	181498	0.87	cps
Barium	135-1	1164657	1162772	1156831	1161420	0.35	cps
Barium	137-1	2044703	2012045	2021185	2025977	0.83	cps
Beryllium	9-1	2344	2197	2434	2325	5.14	cps
Bismuth	209-1	11785149	11410970	11392759	11529626	1.92	cps
Bismuth	209-2	9957231	9894545	9793336	9881704	0.84	cps
Bromine	81-1	15562	16209	15949	15906	2.05	cps
Bromine	81-2	690	717	693	700	2.08	cps
Cadmium	108-1	1123	993	960	1026	8.42	cps
Cadmium	106-1	6642	6758	6698	6699	0.87	cps
Cadmium	111-1	14533	14519	14734	14596	0.82	cps
Calcium	43-1	588013	586764	584029	586269	0.35	cps
Calcium	44-1	9092748	9238931	9147834	9159838	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	282542	280589	281194	281442	0.36	cps
Cobalt	59-2	378063	374433	373855	375450	0.61	cps
Copper	63-2	966931	959473	955968	960790	0.58	cps
Dysprosium	156-1	136415	134745	133150	134770	1.21	cps
Dysprosium	156-2	118981	120172	120626	119926	0.71	cps
Erbium	164-1	116151	117031	116141	116441	0.44	cps
Erbium	164-2	86592	86163	86948	86568	0.45	cps
Gadolinium	160-1	131898	130945	129482	130775	0.93	cps
Gadolinium	160-2	102018	101162	101591	101590	0.42	cps
Holmium	165-1	19644631	18831099	18558650	19011460	2.97	cps
Holmium	165-2	14089749	14047334	13908231	14015105	0.68	cps
Indium	115-1	15885685	15577376	15298396	15587152	1.88	cps
Indium	115-2	5828152	5764251	5715199	5769201	0.98	cps
Iron	56-2	563200765	559675352	557643072	560173063	0.50	cps
Iron	57-2	13887988	13992995	13815305	13898763	0.64	cps
Iron	54-2	30502870	30435249	30094858	30344326	0.72	cps
Krypton	83-1	557	483	437	492	12.29	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ23	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:52:59	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1923420	1937531	1927716	1929556	0.37	cps
Lead	207-1	1751734	1726592	1734756	1737694	0.74	cps
Lead	208-1	6355390	6276023	6296282	6309232	0.65	cps
Lithium	6-1	2010804	1970733	1951716	1977751	1.53	cps
Magnesium	24-2	8454286	8432489	8351769	8412848	0.64	cps
Manganese	55-2	8524453	8454094	8374759	8451102	0.89	cps
Molybdenum	94-1	143087	143838	142886	143270	0.35	cps
Molybdenum	95-1	25075	24684	24330	24697	1.51	cps
Molybdenum	96-1	53471	53230	53440	53380	0.25	cps
Molybdenum	97-1	15719	15395	15542	15552	1.04	cps
Molybdenum	98-1	39874	39470	39400	39581	0.65	cps
Neodymium	150-1	227347	226070	224514	225977	0.63	cps
Neodymium	150-2	141569	141125	142108	141601	0.35	cps
Nickel	60-2	108361	107737	108394	108164	0.34	cps
Phosphorus	31-2	51740	52396	51737	51958	0.73	cps
Potassium	39-2	6042121	5984880	5975932	6000978	0.60	cps
Rhodium	103-1	14782171	14442412	14258207	14494264	1.83	cps
Rhodium	103-2	8754078	8787729	8718005	8753270	0.40	cps
Scandium	45-1	9115448	8827208	8801465	8914707	1.96	cps
Scandium	45-2	754402	743353	744439	747398	0.81	cps
Selenium	82-1	1142	1293	1217	1217	6.21	cps
Selenium	77-2	500	410	480	463	10.20	cps
Selenium	78-2	927	883	863	891	3.63	cps
Silicon	28-1	14297823	14249388	14311502	14286238	0.23	cps
Silver	107-1	14974	15365	15445	15261	1.65	cps
Silver	109-1	14904	14137	14391	14477	2.70	cps
Sodium	23-2	157806	157166	155088	156686	0.91	cps
Strontium	86-1	272816	272294	272245	272452	0.12	cps
Strontium	88-1	2383627	2389867	2406189	2393228	0.49	cps
Sulfur	34-1	271115	271804	272174	271698	0.20	cps
Terbium	159-1	20037068	19577181	19254668	19622972	2.00	cps
Terbium	159-2	13829655	13819909	13752932	13800832	0.30	cps
Thallium	203-1	5558	5288	5411	5419	2.50	cps
Thallium	205-1	13263	13277	13353	13298	0.37	cps
Tin	118-1	23393	22875	24513	23594	3.55	cps
Titanium	47-1	1502129	1483361	1501220	1495570	0.71	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ23	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:52:59	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44973	44487	44477	44646	0.63	cps
Vanadium	51-2	832270	829216	825755	829080	0.39	cps
Yttrium	89-1	20559397	20088106	20002098	20216534	1.48	cps
Yttrium	89-2	5563172	5427751	5398521	5463148	1.61	cps
Zinc	66-2	915714	913920	908950	912861	0.38	cps
Zirconium	90-1	347431	350517	348915	348954	0.44	cps
Zirconium	91-1	78542	79112	77366	78340	1.14	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ24	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:56:01	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11287429	11338197	11403155	11342927	0.51	cps
Antimony	121-1	13833	13700	13483	13672	1.29	cps
Arsenic	75-2	142261	141114	140433	141269	0.65	cps
Barium	135-1	1088449	1087980	1073155	1083195	0.80	cps
Barium	137-1	1880828	1887622	1837181	1868544	1.46	cps
Beryllium	9-1	2247	2204	2290	2247	1.93	cps
Bismuth	209-1	11524645	11356567	11271071	11384094	1.13	cps
Bismuth	209-2	9723533	9904243	9894815	9840864	1.03	cps
Bromine	81-1	15972	15892	16693	16186	2.73	cps
Bromine	81-2	730	677	717	708	3.92	cps
Cadmium	108-1	943	947	850	913	6.01	cps
Cadmium	106-1	6742	6031	6258	6344	5.72	cps
Cadmium	111-1	12775	12269	12545	12529	2.02	cps
Calcium	43-1	617145	610362	606789	611432	0.86	cps
Calcium	44-1	9728002	9512293	9495394	9578563	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	290242	288306	288614	289054	0.36	cps
Cobalt	59-2	451117	449394	447662	449391	0.38	cps
Copper	63-2	1119157	1115237	1112934	1115776	0.28	cps
Dysprosium	156-1	129601	129803	128925	129443	0.36	cps
Dysprosium	156-2	113016	115171	113873	114020	0.95	cps
Erbium	164-1	112186	110529	110408	111041	0.89	cps
Erbium	164-2	83846	82847	82646	83113	0.77	cps
Gadolinium	160-1	125694	124329	123138	124387	1.03	cps
Gadolinium	160-2	96734	96781	95684	96399	0.64	cps
Holmium	165-1	19086390	18624017	18643042	18784483	1.39	cps
Holmium	165-2	13693772	14140247	13843836	13892619	1.64	cps
Indium	115-1	15580450	15279725	15148413	15336196	1.44	cps
Indium	115-2	5769530	5697892	5781043	5749488	0.78	cps
Iron	56-2	624805591	622233737	626058297	624365875	0.31	cps
Iron	57-2	15505311	15635804	15465274	15535463	0.57	cps
Iron	54-2	33767215	33589800	33584490	33647168	0.31	cps
Krypton	83-1	447	433	430	437	2.02	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ24	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:56:01	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1464264	1470051	1456045	1463454	0.48	cps
Lead	207-1	1338438	1327031	1323338	1329603	0.59	cps
Lead	208-1	4884063	4878681	4781299	4848014	1.19	cps
Lithium	6-1	1995857	1933502	1995579	1974979	1.82	cps
Magnesium	24-2	7939413	7909327	7952348	7933696	0.28	cps
Manganese	55-2	7925199	7831625	7951727	7902850	0.80	cps
Molybdenum	94-1	129425	128659	127011	128365	0.96	cps
Molybdenum	95-1	24995	25415	24988	25133	0.97	cps
Molybdenum	96-1	53902	52929	51273	52701	2.52	cps
Molybdenum	97-1	15548	15678	15845	15691	0.95	cps
Molybdenum	98-1	39767	40239	40202	40069	0.65	cps
Neodymium	150-1	216307	218598	216139	217014	0.63	cps
Neodymium	150-2	134494	135390	135857	135247	0.51	cps
Nickel	60-2	103782	104027	104007	103939	0.13	cps
Phosphorus	31-2	48476	48854	47617	48316	1.31	cps
Potassium	39-2	5426077	5399097	5385343	5403506	0.38	cps
Rhodium	103-1	14669830	14463606	14270471	14467969	1.38	cps
Rhodium	103-2	8844224	8672458	8699969	8738884	1.06	cps
Scandium	45-1	8892780	8691763	8753158	8779234	1.17	cps
Scandium	45-2	746672	741925	742472	743689	0.35	cps
Selenium	82-1	1329	1295	1299	1308	1.45	cps
Selenium	77-2	407	377	410	398	4.61	cps
Selenium	78-2	957	953	840	917	7.25	cps
Silicon	28-1	22713155	22896070	22491870	22700365	0.89	cps
Silver	107-1	13450	13333	13223	13335	0.85	cps
Silver	109-1	12636	12532	12542	12570	0.45	cps
Sodium	23-2	137490	137588	136606	137228	0.39	cps
Strontium	86-1	253642	249736	249410	250929	0.94	cps
Strontium	88-1	2277223	2226160	2206952	2236778	1.62	cps
Sulfur	34-1	269867	269012	267910	268929	0.36	cps
Terbium	159-1	19529582	19504665	19212288	19415512	0.91	cps
Terbium	159-2	13764104	13696038	13676773	13712305	0.33	cps
Thallium	203-1	5008	4988	5021	5005	0.34	cps
Thallium	205-1	11789	11198	11418	11468	2.60	cps
Tin	118-1	18826	19474	18505	18935	2.60	cps
Titanium	47-1	1460463	1434105	1430661	1441743	1.13	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ24	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:56:01	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43300	43337	43702	43446	0.51	cps
Vanadium	51-2	1156789	1158307	1154090	1156395	0.18	cps
Yttrium	89-1	20460412	19864916	19819417	20048248	1.78	cps
Yttrium	89-2	5409232	5441445	5471603	5440760	0.57	cps
Zinc	66-2	624355	624774	624066	624399	0.06	cps
Zirconium	90-1	312211	331474	311166	318284	3.59	cps
Zirconium	91-1	68740	68680	67598	68339	0.94	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ25	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:59:07	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15416271	15172822	15094300	15227797	1.10	cps
Antimony	121-1	4127	4064	4071	4087	0.85	cps
Arsenic	75-2	84160	82702	83319	83394	0.88	cps
Barium	135-1	1984544	2026575	1975430	1995516	1.37	cps
Barium	137-1	3437497	3464213	3409417	3437042	0.80	cps
Beryllium	9-1	3094	3180	2940	3071	3.96	cps
Bismuth	209-1	11586081	11341749	11165243	11364358	1.86	cps
Bismuth	209-2	9920206	9702284	9777790	9800093	1.13	cps
Bromine	81-1	17597	18385	18161	18048	2.25	cps
Bromine	81-2	1063	1030	980	1024	4.09	cps
Cadmium	108-1	747	733	667	716	5.99	cps
Cadmium	106-1	6688	6441	6125	6418	4.40	cps
Cadmium	111-1	8010	7906	7768	7895	1.54	cps
Calcium	43-1	708898	720631	711281	713603	0.87	cps
Calcium	44-1	11096376	11051503	11107655	11085178	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	320707	317749	321821	320092	0.66	cps
Cobalt	59-2	319811	319441	319276	319509	0.09	cps
Copper	63-2	828165	824327	817051	823181	0.69	cps
Dysprosium	156-1	152181	152623	152114	152306	0.18	cps
Dysprosium	156-2	138131	137169	137589	137630	0.35	cps
Erbium	164-1	131421	131986	130903	131437	0.41	cps
Erbium	164-2	96832	96742	97178	96917	0.24	cps
Gadolinium	160-1	147685	150643	148867	149065	1.00	cps
Gadolinium	160-2	115430	114180	113390	114334	0.90	cps
Holmium	165-1	19332207	18904243	18828487	19021646	1.43	cps
Holmium	165-2	13916085	13985303	14003013	13968134	0.33	cps
Indium	115-1	15808829	15189043	15406407	15468093	2.03	cps
Indium	115-2	5736030	5765837	5709905	5737257	0.49	cps
Iron	56-2	508028459	505503966	504177352	505903259	0.39	cps
Iron	57-2	12646563	12475681	12555586	12559277	0.68	cps
Iron	54-2	27654752	27403891	27474175	27510940	0.47	cps
Krypton	83-1	547	517	440	501	10.98	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ25	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:59:07	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	817110	820715	822032	819952	0.31	cps
Lead	207-1	723494	724799	727720	725338	0.30	cps
Lead	208-1	2604507	2622112	2599142	2608587	0.46	cps
Lithium	6-1	2064834	1998525	1966276	2009879	2.50	cps
Magnesium	24-2	8946893	8932826	8839392	8906370	0.66	cps
Manganese	55-2	7642465	7605707	7615102	7621091	0.25	cps
Molybdenum	94-1	168831	169987	169521	169446	0.34	cps
Molybdenum	95-1	7259	7112	7402	7257	2.00	cps
Molybdenum	96-1	40737	40479	41014	40743	0.66	cps
Molybdenum	97-1	4457	4337	4297	4364	1.91	cps
Molybdenum	98-1	11538	11681	11565	11595	0.66	cps
Neodymium	150-1	267289	267890	266694	267291	0.22	cps
Neodymium	150-2	167809	167522	167324	167552	0.15	cps
Nickel	60-2	107941	108290	108267	108166	0.18	cps
Phosphorus	31-2	28837	29018	29201	29019	0.63	cps
Potassium	39-2	3569565	3547012	3512891	3543156	0.81	cps
Rhodium	103-1	14753327	14459273	14436376	14549659	1.21	cps
Rhodium	103-2	8755148	8794940	8689144	8746410	0.61	cps
Scandium	45-1	9071809	8862720	8899605	8944711	1.25	cps
Scandium	45-2	749832	751267	747004	749368	0.29	cps
Selenium	82-1	1227	1168	1180	1192	2.61	cps
Selenium	77-2	440	490	427	452	7.38	cps
Selenium	78-2	983	867	860	903	7.68	cps
Silicon	28-1	27710414	27720226	27769465	27733368	0.11	cps
Silver	107-1	7162	6992	7332	7162	2.37	cps
Silver	109-1	6188	6488	6275	6317	2.44	cps
Sodium	23-2	187854	188235	186946	187678	0.35	cps
Strontium	86-1	636212	640215	636281	637570	0.36	cps
Strontium	88-1	5620363	5677113	5629438	5642305	0.54	cps
Sulfur	34-1	215082	214010	214483	214525	0.25	cps
Terbium	159-1	19787390	19474922	19549580	19603964	0.83	cps
Terbium	159-2	13801001	13758095	13609889	13722995	0.73	cps
Thallium	203-1	5705	5508	5571	5595	1.80	cps
Thallium	205-1	13186	13764	13644	13531	2.25	cps
Tin	118-1	24270	24101	24659	24343	1.18	cps
Titanium	47-1	905590	914561	906289	908813	0.55	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ25	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 16:59:07	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53989	54190	53300	53826	0.87	cps
Vanadium	51-2	822028	812904	819048	817993	0.57	cps
Yttrium	89-1	20733275	20400290	20265864	20466476	1.18	cps
Yttrium	89-2	5471147	5521112	5510793	5501017	0.48	cps
Zinc	66-2	379976	377010	378164	378383	0.40	cps
Zirconium	90-1	450797	452969	452386	452051	0.25	cps
Zirconium	91-1	100907	100930	100162	100666	0.43	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ26	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:02:12	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15313196	15117913	15184465	15205191	0.65	cps
Antimony	121-1	20064	20204	19830	20033	0.94	cps
Arsenic	75-2	310746	311408	311605	311253	0.14	cps
Barium	135-1	1946241	1951512	1953448	1950400	0.19	cps
Barium	137-1	3319153	3339734	3373562	3344150	0.82	cps
Beryllium	9-1	3087	2894	3014	2998	3.26	cps
Bismuth	209-1	12130336	11359419	11275526	11588427	4.07	cps
Bismuth	209-2	9859248	9690920	9756228	9768799	0.87	cps
Bromine	81-1	18375	18245	18845	18488	1.71	cps
Bromine	81-2	1087	1140	1050	1092	4.14	cps
Cadmium	108-1	1313	1260	1443	1339	7.04	cps
Cadmium	106-1	7986	7535	7482	7668	3.61	cps
Cadmium	111-1	18280	18169	18467	18306	0.82	cps
Calcium	43-1	590344	601730	595445	595839	0.96	cps
Calcium	44-1	9299420	9417967	9305229	9340872	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1373488	1364390	1390152	1376010	0.95	cps
Cobalt	59-2	427127	421671	424908	424569	0.65	cps
Copper	63-2	1489382	1482611	1485752	1485915	0.23	cps
Dysprosium	156-1	145556	148233	147151	146980	0.92	cps
Dysprosium	156-2	130930	131310	132669	131636	0.69	cps
Erbium	164-1	124761	128474	129160	127465	1.86	cps
Erbium	164-2	94936	95376	94688	95000	0.37	cps
Gadolinium	160-1	139365	143499	142853	141906	1.57	cps
Gadolinium	160-2	109446	109644	110148	109746	0.33	cps
Holmium	165-1	20342413	18994125	18853802	19396780	4.24	cps
Holmium	165-2	13789164	13756356	13833676	13793065	0.28	cps
Indium	115-1	16641917	15364878	15272357	15759717	4.86	cps
Indium	115-2	5704635	5671688	5721680	5699334	0.45	cps
Iron	56-2	670858630	672656243	664094270	669203048	0.67	cps
Iron	57-2	16587141	16724732	16571101	16627658	0.51	cps
Iron	54-2	36414124	36136319	35914669	36155037	0.69	cps
Krypton	83-1	417	427	487	443	8.54	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ26	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:02:12	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3121798	3130321	3109265	3120461	0.34	cps
Lead	207-1	2879910	2918759	2911224	2903298	0.71	cps
Lead	208-1	10151254	10387642	10258938	10265945	1.15	cps
Lithium	6-1	2126204	2007504	2018025	2050577	3.20	cps
Magnesium	24-2	8829450	8784452	8710863	8774922	0.68	cps
Manganese	55-2	7674719	7625177	7503512	7601136	1.16	cps
Molybdenum	94-1	189798	193605	192936	192113	1.06	cps
Molybdenum	95-1	26988	27903	27462	27451	1.67	cps
Molybdenum	96-1	65415	65482	65657	65518	0.19	cps
Molybdenum	97-1	16690	17217	17327	17078	2.00	cps
Molybdenum	98-1	43073	44103	44003	43726	1.30	cps
Neodymium	150-1	248603	252821	252185	251203	0.91	cps
Neodymium	150-2	158846	159575	157577	158666	0.64	cps
Nickel	60-2	279154	277908	276328	277797	0.51	cps
Phosphorus	31-2	44434	43502	43502	43813	1.23	cps
Potassium	39-2	5568187	5588824	5547253	5568088	0.37	cps
Rhodium	103-1	15423932	14284841	14147147	14618640	4.79	cps
Rhodium	103-2	8697320	8601857	8708373	8669183	0.68	cps
Scandium	45-1	9673093	8987949	8703381	9121474	5.46	cps
Scandium	45-2	745792	737722	735703	739739	0.72	cps
Selenium	82-1	1699	1637	1589	1642	3.38	cps
Selenium	77-2	520	497	497	504	2.67	cps
Selenium	78-2	1083	1127	1097	1102	2.01	cps
Silicon	28-1	30384228	30679267	30599854	30554450	0.50	cps
Silver	107-1	28341	28541	28318	28400	0.43	cps
Silver	109-1	26852	26691	26678	26740	0.36	cps
Sodium	23-2	179418	177786	177803	178336	0.53	cps
Strontium	86-1	460619	466665	466839	464707	0.76	cps
Strontium	88-1	4082649	4127053	4095549	4101750	0.56	cps
Sulfur	34-1	321589	326459	321462	323170	0.88	cps
Terbium	159-1	20708796	19293818	19047483	19683366	4.55	cps
Terbium	159-2	13854421	13569330	13504343	13642698	1.36	cps
Thallium	203-1	6935	7262	7299	7165	2.79	cps
Thallium	205-1	17528	17525	17204	17419	1.07	cps
Tin	118-1	50017	50338	50568	50308	0.55	cps
Titanium	47-1	1817850	1879244	1826439	1841178	1.81	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ26	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:02:12	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	59465	59579	61036	60027	1.46	cps
Vanadium	51-2	1075420	1068707	1065483	1069870	0.47	cps
Yttrium	89-1	21672140	20258332	19887446	20605972	4.57	cps
Yttrium	89-2	5450362	5469011	5473494	5464289	0.22	cps
Zinc	66-2	1348747	1345150	1342013	1345303	0.25	cps
Zirconium	90-1	472738	484530	476878	478049	1.25	cps
Zirconium	91-1	105832	108047	107255	107045	1.05	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ27	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:05:13	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13240127	13159754	12934580	13111487	1.21	cps
Antimony	121-1	14291	13977	14314	14194	1.33	cps
Arsenic	75-2	268884	267734	267849	268156	0.24	cps
Barium	135-1	1567795	1583620	1538290	1563235	1.47	cps
Barium	137-1	2761760	2724560	2707222	2731181	1.02	cps
Beryllium	9-1	2600	2557	2574	2577	0.85	cps
Bismuth	209-1	11490201	10753061	11189426	11144229	3.33	cps
Bismuth	209-2	9784095	9737269	9583843	9701736	1.08	cps
Bromine	81-1	17047	17264	17831	17380	2.33	cps
Bromine	81-2	970	1000	987	986	1.53	cps
Cadmium	108-1	1267	1260	1273	1267	0.53	cps
Cadmium	106-1	7105	6602	6705	6804	3.91	cps
Cadmium	111-1	16532	16535	16308	16458	0.79	cps
Calcium	43-1	500686	503651	494749	499695	0.91	cps
Calcium	44-1	7870760	7914864	7798114	7861246	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	313625	312123	311774	312507	0.31	cps
Cobalt	59-2	334878	333206	332714	333599	0.34	cps
Copper	63-2	1075906	1074683	1065777	1072122	0.52	cps
Dysprosium	156-1	130059	128273	127781	128704	0.93	cps
Dysprosium	156-2	117002	116001	114327	115777	1.17	cps
Erbium	164-1	112209	111131	110435	111258	0.80	cps
Erbium	164-2	82448	81573	82984	82335	0.87	cps
Gadolinium	160-1	125361	125250	122258	124290	1.42	cps
Gadolinium	160-2	95576	96603	95879	96019	0.55	cps
Holmium	165-1	18828678	17839384	18403382	18357148	2.70	cps
Holmium	165-2	13862842	13816805	13644647	13774765	0.83	cps
Indium	115-1	15407126	14429616	15134940	14990561	3.37	cps
Indium	115-2	5667804	5659141	5597165	5641370	0.68	cps
Iron	56-2	548337525	542411619	536660712	542469952	1.08	cps
Iron	57-2	13555455	13603420	13450739	13536538	0.58	cps
Iron	54-2	29321932	29555527	29542825	29473428	0.45	cps
Krypton	83-1	453	440	400	431	6.44	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ27	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:05:13	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2821477	2798290	2767772	2795846	0.96	cps
Lead	207-1	2634036	2630325	2582774	2615712	1.09	cps
Lead	208-1	9305418	9276265	9162492	9248058	0.82	cps
Lithium	6-1	1999961	1856972	1917527	1924820	3.73	cps
Magnesium	24-2	7334361	7267838	7233341	7278513	0.71	cps
Manganese	55-2	6900049	6890577	6808827	6866484	0.73	cps
Molybdenum	94-1	148571	148070	146087	147576	0.89	cps
Molybdenum	95-1	8579	8296	8439	8438	1.68	cps
Molybdenum	96-1	38735	39182	37485	38467	2.29	cps
Molybdenum	97-1	5541	5331	5341	5404	2.19	cps
Molybdenum	98-1	13503	13363	13616	13494	0.94	cps
Neodymium	150-1	225711	223131	220978	223273	1.06	cps
Neodymium	150-2	140767	139846	138133	139582	0.96	cps
Nickel	60-2	94452	93864	93264	93860	0.63	cps
Phosphorus	31-2	35862	35638	35611	35704	0.39	cps
Potassium	39-2	4357790	4414234	4269992	4347339	1.67	cps
Rhodium	103-1	14348599	13660379	14094916	14034631	2.48	cps
Rhodium	103-2	8606156	8619964	8542853	8589658	0.48	cps
Scandium	45-1	8852363	8338596	8669201	8620053	3.02	cps
Scandium	45-2	737518	738312	725525	733785	0.98	cps
Selenium	82-1	1478	1454	1415	1449	2.19	cps
Selenium	77-2	430	467	413	437	6.25	cps
Selenium	78-2	1087	810	940	946	14.64	cps
Silicon	28-1	25156829	24707129	24554436	24806131	1.26	cps
Silver	107-1	24911	24527	24901	24780	0.88	cps
Silver	109-1	22658	23035	22634	22776	0.99	cps
Sodium	23-2	145792	143972	145321	145028	0.65	cps
Strontium	86-1	399262	399037	395783	398027	0.49	cps
Strontium	88-1	3553264	3492186	3525618	3523689	0.87	cps
Sulfur	34-1	244495	243120	242311	243309	0.45	cps
Terbium	159-1	19568751	18346368	18662929	18859349	3.36	cps
Terbium	159-2	13793903	13726287	13429461	13649884	1.42	cps
Thallium	203-1	6245	6292	6188	6241	0.83	cps
Thallium	205-1	14511	14258	14748	14506	1.69	cps
Tin	118-1	50187	54432	51023	51881	4.33	cps
Titanium	47-1	1296440	1262595	1271775	1276937	1.37	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ27	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:05:13	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	49080	48973	48414	48823	0.73	cps
Vanadium	51-2	857354	855029	843844	852076	0.85	cps
Yttrium	89-1	19902769	18611667	19355543	19289993	3.36	cps
Yttrium	89-2	5391332	5361630	5285760	5346241	1.02	cps
Zinc	66-2	1149821	1152187	1146473	1149494	0.25	cps
Zirconium	90-1	391243	388524	385079	388282	0.80	cps
Zirconium	91-1	87549	87157	85745	86817	1.09	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ28	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:08:14	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16838534	16704329	16551548	16698137	0.86	cps
Antimony	121-1	3831	3684	3661	3725	2.47	cps
Arsenic	75-2	99930	97524	97350	98268	1.47	cps
Barium	135-1	2323021	2271792	2278972	2291262	1.21	cps
Barium	137-1	3893497	3952715	3840839	3895684	1.44	cps
Beryllium	9-1	3620	3527	3484	3544	1.97	cps
Bismuth	209-1	11338669	11131236	11127844	11199249	1.08	cps
Bismuth	209-2	9646195	9565049	9497848	9569697	0.78	cps
Bromine	81-1	16526	16806	17193	16842	1.99	cps
Bromine	81-2	973	983	1000	986	1.37	cps
Cadmium	108-1	693	627	620	647	6.27	cps
Cadmium	106-1	6071	6055	5578	5901	4.75	cps
Cadmium	111-1	7839	7937	7778	7851	1.02	cps
Calcium	43-1	574262	571865	567167	571098	0.63	cps
Calcium	44-1	8950482	8937028	8875998	8921169	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	332163	331446	331599	331736	0.11	cps
Cobalt	59-2	320951	319750	316003	318901	0.81	cps
Copper	63-2	754859	751677	751612	752716	0.25	cps
Dysprosium	156-1	148415	151315	150810	150180	1.03	cps
Dysprosium	156-2	134426	135217	135159	134934	0.33	cps
Erbium	164-1	129147	130714	129193	129685	0.69	cps
Erbium	164-2	96054	95980	95953	95996	0.05	cps
Gadolinium	160-1	145698	145557	143964	145073	0.66	cps
Gadolinium	160-2	112204	113898	111284	112462	1.18	cps
Holmium	165-1	18956399	18816534	18492120	18755018	1.27	cps
Holmium	165-2	13689483	13678484	13606140	13658036	0.33	cps
Indium	115-1	15490964	15205682	15037923	15244856	1.50	cps
Indium	115-2	5626089	5592885	5641865	5620279	0.44	cps
Iron	56-2	528681672	528233845	531238245	529384588	0.31	cps
Iron	57-2	13002848	13162828	13063954	13076544	0.62	cps
Iron	54-2	28341364	28323837	28399750	28354983	0.14	cps
Krypton	83-1	400	467	607	491	21.48	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ28	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:08:14	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	940806	939201	934186	938064	0.37	cps
Lead	207-1	833178	837591	832070	834280	0.35	cps
Lead	208-1	3041303	3039053	3047703	3042686	0.15	cps
Lithium	6-1	1945952	1975415	1935730	1952366	1.06	cps
Magnesium	24-2	7360973	7432791	7370927	7388230	0.53	cps
Manganese	55-2	6621092	6679347	6674580	6658339	0.49	cps
Molybdenum	94-1	170618	172495	169545	170886	0.87	cps
Molybdenum	95-1	6085	6465	6341	6297	3.08	cps
Molybdenum	96-1	39223	40647	38962	39610	2.29	cps
Molybdenum	97-1	4121	4091	4091	4101	0.42	cps
Molybdenum	98-1	10084	10147	9613	9948	2.93	cps
Neodymium	150-1	263075	264912	262471	263486	0.48	cps
Neodymium	150-2	166181	165112	164211	165168	0.60	cps
Nickel	60-2	103051	102426	103222	102900	0.41	cps
Phosphorus	31-2	23214	23635	23064	23304	1.27	cps
Potassium	39-2	3178651	3200706	3183335	3187564	0.36	cps
Rhodium	103-1	14416586	14044264	13965591	14142147	1.70	cps
Rhodium	103-2	8673792	8600033	8691635	8655153	0.56	cps
Scandium	45-1	9039955	8758512	8672269	8823579	2.18	cps
Scandium	45-2	748289	742277	740918	743828	0.53	cps
Selenium	82-1	1336	1191	980	1169	15.32	cps
Selenium	77-2	397	520	430	449	14.21	cps
Selenium	78-2	937	873	957	922	4.72	cps
Silicon	28-1	24502616	24202285	23869198	24191366	1.31	cps
Silver	107-1	8412	7966	7862	8080	3.62	cps
Silver	109-1	7465	7392	7292	7383	1.18	cps
Sodium	23-2	144012	145465	142848	144109	0.91	cps
Strontium	86-1	480553	483146	479597	481099	0.38	cps
Strontium	88-1	4274069	4215977	4212588	4234211	0.82	cps
Sulfur	34-1	195419	195804	195574	195599	0.10	cps
Terbium	159-1	19493117	19012388	19020368	19175291	1.44	cps
Terbium	159-2	13556055	13395756	13450303	13467371	0.61	cps
Thallium	203-1	5841	5861	5788	5830	0.65	cps
Thallium	205-1	13881	14111	13620	13870	1.77	cps
Tin	118-1	25823	25596	25790	25737	0.48	cps
Titanium	47-1	955947	950149	943678	949924	0.65	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ28	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:08:14	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60172	60205	59690	60022	0.48	cps
Vanadium	51-2	891256	892439	885093	889596	0.44	cps
Yttrium	89-1	20269385	19752546	19644155	19888695	1.68	cps
Yttrium	89-2	5420252	5447411	5504550	5457404	0.79	cps
Zinc	66-2	391950	393037	391304	392097	0.22	cps
Zirconium	90-1	454074	457470	452350	454631	0.57	cps
Zirconium	91-1	101833	101759	101602	101731	0.12	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ29	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:11:20	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11380099	11384593	11296948	11353880	0.43	cps
Antimony	121-1	13994	13903	14220	14039	1.16	cps
Arsenic	75-2	216209	214933	215538	215560	0.30	cps
Barium	135-1	1246863	1246342	1240554	1244586	0.28	cps
Barium	137-1	2181308	2185362	2163453	2176708	0.54	cps
Beryllium	9-1	2247	2227	2354	2276	2.99	cps
Bismuth	209-1	11506518	11251362	11127489	11295123	1.71	cps
Bismuth	209-2	9745198	9710650	9697643	9717830	0.25	cps
Bromine	81-1	16005	16296	16286	16196	1.02	cps
Bromine	81-2	880	783	750	804	8.39	cps
Cadmium	108-1	1153	1177	1233	1188	3.46	cps
Cadmium	106-1	6652	6425	6285	6454	2.87	cps
Cadmium	111-1	15077	15098	14900	15025	0.72	cps
Calcium	43-1	453911	451608	444607	450042	1.08	cps
Calcium	44-1	7183365	7047596	6896455	7042472	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	279371	278502	276312	278062	0.57	cps
Cobalt	59-2	302656	299805	299479	300647	0.58	cps
Copper	63-2	1032385	1031625	1028421	1030810	0.20	cps
Dysprosium	156-1	115836	114449	115291	115192	0.61	cps
Dysprosium	156-2	104484	104552	103676	104237	0.47	cps
Erbium	164-1	98702	98950	99323	98991	0.32	cps
Erbium	164-2	74387	73653	74829	74289	0.80	cps
Gadolinium	160-1	110168	110736	111912	110939	0.80	cps
Gadolinium	160-2	85260	85867	86726	85951	0.86	cps
Holmium	165-1	18902165	18483237	18460476	18615293	1.34	cps
Holmium	165-2	13811506	13896146	13703590	13803747	0.70	cps
Indium	115-1	15512412	15273808	15193687	15326636	1.08	cps
Indium	115-2	5660082	5682640	5642827	5661850	0.35	cps
Iron	56-2	461422566	463116246	462295033	462277949	0.18	cps
Iron	57-2	11470307	11526752	11513151	11503403	0.26	cps
Iron	54-2	25195480	25074187	24904060	25057909	0.58	cps
Krypton	83-1	417	450	373	413	9.30	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ29	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:11:20	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2697940	2694284	2640023	2677416	1.21	cps
Lead	207-1	2517345	2507814	2441513	2488891	1.66	cps
Lead	208-1	8904453	8865949	8655294	8808566	1.52	cps
Lithium	6-1	1982904	1947280	1920538	1950241	1.60	cps
Magnesium	24-2	6735008	6827960	6719367	6760778	0.87	cps
Manganese	55-2	6305562	6323345	6288692	6305866	0.27	cps
Molybdenum	94-1	137057	136448	136734	136747	0.22	cps
Molybdenum	95-1	9140	8906	8856	8967	1.69	cps
Molybdenum	96-1	36379	36011	35610	36000	1.07	cps
Molybdenum	97-1	5678	5551	5731	5653	1.64	cps
Molybdenum	98-1	14791	14270	14284	14448	2.05	cps
Neodymium	150-1	201049	200434	198419	199967	0.69	cps
Neodymium	150-2	125968	125906	125866	125913	0.04	cps
Nickel	60-2	87527	89371	87722	88206	1.15	cps
Phosphorus	31-2	37095	38094	37112	37434	1.53	cps
Potassium	39-2	4065040	4089334	4062503	4072292	0.36	cps
Rhodium	103-1	14544717	14238329	14275033	14352693	1.17	cps
Rhodium	103-2	8683055	8594313	8593576	8623648	0.60	cps
Scandium	45-1	8874842	8578964	8631054	8694953	1.82	cps
Scandium	45-2	732701	736864	731499	733688	0.38	cps
Selenium	82-1	1392	1353	1352	1366	1.64	cps
Selenium	77-2	363	380	353	366	3.69	cps
Selenium	78-2	883	983	870	912	6.79	cps
Silicon	28-1	19831136	19689178	19480105	19666806	0.90	cps
Silver	107-1	19774	20228	20061	20021	1.15	cps
Silver	109-1	19002	19009	19126	19046	0.36	cps
Sodium	23-2	171220	171469	170697	171129	0.23	cps
Strontium	86-1	349978	347163	344843	347328	0.74	cps
Strontium	88-1	3102620	3022117	3078246	3067661	1.35	cps
Sulfur	34-1	221599	221829	221908	221779	0.07	cps
Terbium	159-1	19432054	18983396	18891539	19102330	1.51	cps
Terbium	159-2	13454359	13672998	13700319	13609225	0.99	cps
Thallium	203-1	5338	5228	5531	5366	2.86	cps
Thallium	205-1	12563	12559	12629	12584	0.31	cps
Tin	118-1	26421	26671	26468	26520	0.50	cps
Titanium	47-1	1168845	1158000	1155665	1160837	0.61	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ29	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:11:20	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44952	44665	44671	44763	0.37	cps
Vanadium	51-2	688226	689733	681924	686628	0.60	cps
Yttrium	89-1	20120581	19483058	19473033	19692224	1.88	cps
Yttrium	89-2	5334031	5327380	5309610	5323673	0.24	cps
Zinc	66-2	1034716	1033135	1034964	1034272	0.10	cps
Zirconium	90-1	359819	357110	356697	357876	0.47	cps
Zirconium	91-1	80673	79453	79195	79774	0.99	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ30	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:14:22	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12206916	12192849	12246136	12215301	0.23	cps
Antimony	121-1	11588	11822	11471	11627	1.53	cps
Arsenic	75-2	195196	192896	192757	193616	0.71	cps
Barium	135-1	1330807	1359327	1341918	1344018	1.07	cps
Barium	137-1	2378299	2351693	2351067	2360353	0.66	cps
Beryllium	9-1	2340	2484	2450	2425	3.09	cps
Bismuth	209-1	11918304	11526789	11421771	11622288	2.25	cps
Bismuth	209-2	9832713	9947303	9912901	9897639	0.59	cps
Bromine	81-1	15535	15518	16516	15856	3.60	cps
Bromine	81-2	720	640	670	677	5.97	cps
Cadmium	108-1	983	1117	1073	1058	6.43	cps
Cadmium	106-1	7012	6538	6502	6684	4.26	cps
Cadmium	111-1	14260	14119	14000	14126	0.92	cps
Calcium	43-1	479471	485375	483716	482854	0.63	cps
Calcium	44-1	7519107	7639233	7565101	7574480	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	315497	313840	311607	313648	0.62	cps
Cobalt	59-2	367258	365156	365808	366074	0.29	cps
Copper	63-2	1004451	992930	992743	996708	0.67	cps
Dysprosium	156-1	123121	125249	122969	123779	1.03	cps
Dysprosium	156-2	111555	111138	112093	111595	0.43	cps
Erbium	164-1	105669	108702	108487	107619	1.57	cps
Erbium	164-2	80319	79917	79823	80020	0.33	cps
Gadolinium	160-1	116879	119037	119151	118356	1.08	cps
Gadolinium	160-2	93076	92741	92240	92686	0.45	cps
Holmium	165-1	19879964	18864458	18652421	19132281	3.43	cps
Holmium	165-2	13921899	13950932	14013916	13962249	0.34	cps
Indium	115-1	15991611	15324437	15195870	15503973	2.76	cps
Indium	115-2	5813903	5659110	5727725	5733579	1.35	cps
Iron	56-2	529258299	525716312	522118259	525697623	0.68	cps
Iron	57-2	13045584	13017600	12892091	12985092	0.63	cps
Iron	54-2	28628205	28226003	28235662	28363290	0.81	cps
Krypton	83-1	443	353	373	390	12.12	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ30	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:14:22	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2126192	2150817	2143732	2140247	0.59	cps
Lead	207-1	1955075	1993817	1992926	1980606	1.12	cps
Lead	208-1	6982160	7167935	7081131	7077076	1.31	cps
Lithium	6-1	2086048	1969115	1936770	1997311	3.93	cps
Magnesium	24-2	7699792	7674196	7652112	7675367	0.31	cps
Manganese	55-2	7365411	7336686	7269764	7323954	0.67	cps
Molybdenum	94-1	142644	146316	144652	144537	1.27	cps
Molybdenum	95-1	9413	9770	9390	9524	2.24	cps
Molybdenum	96-1	38344	39076	38755	38725	0.95	cps
Molybdenum	97-1	5735	6205	6228	6056	4.60	cps
Molybdenum	98-1	14914	15515	15425	15285	2.12	cps
Neodymium	150-1	208624	212497	210254	210458	0.92	cps
Neodymium	150-2	132772	132479	132079	132443	0.26	cps
Nickel	60-2	103729	102447	101852	102676	0.93	cps
Phosphorus	31-2	36988	36811	37610	37136	1.13	cps
Potassium	39-2	4450177	4347262	4347033	4381491	1.36	cps
Rhodium	103-1	15073260	14336633	14195326	14535073	3.24	cps
Rhodium	103-2	8748358	8662580	8658317	8689752	0.58	cps
Scandium	45-1	9184033	8726728	8664618	8858460	3.20	cps
Scandium	45-2	745444	736624	730641	737570	1.01	cps
Selenium	82-1	1312	1351	1340	1334	1.52	cps
Selenium	77-2	363	390	373	376	3.59	cps
Selenium	78-2	947	860	910	906	4.80	cps
Silicon	28-1	25523354	25713295	25668620	25635090	0.39	cps
Silver	107-1	16279	16930	16189	16466	2.46	cps
Silver	109-1	15335	15679	15512	15508	1.11	cps
Sodium	23-2	153301	152510	151985	152599	0.43	cps
Strontium	86-1	355473	360918	359814	358735	0.80	cps
Strontium	88-1	3208085	3175658	3223853	3202532	0.77	cps
Sulfur	34-1	220632	224521	222285	222480	0.88	cps
Terbium	159-1	20236010	19430120	19013871	19560001	3.18	cps
Terbium	159-2	13681279	13776159	13657356	13704931	0.46	cps
Thallium	203-1	5301	5545	5735	5527	3.93	cps
Thallium	205-1	12749	13497	12746	12997	3.33	cps
Tin	118-1	30133	28425	28262	28940	3.58	cps
Titanium	47-1	1433094	1433310	1428854	1431752	0.18	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ30	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:14:22	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44019	44902	45434	44785	1.60	cps
Vanadium	51-2	801613	800982	798314	800303	0.22	cps
Yttrium	89-1	20881020	19700885	19820102	20134002	3.23	cps
Yttrium	89-2	5451601	5350740	5444297	5415546	1.04	cps
Zinc	66-2	1015518	1010621	1012528	1012889	0.24	cps
Zirconium	90-1	372970	382125	375754	376950	1.25	cps
Zirconium	91-1	82735	83975	84471	83727	1.07	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:17:26	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17367063	17570011	17349209	17428761	0.70	cps
Antimony	121-1	7897055	7816613	7850804	7854824	0.51	cps
Arsenic	75-2	414025	413492	415481	414332	0.25	cps
Barium	135-1	9982462	9852198	9961071	9931910	0.70	cps
Barium	137-1	17116272	17096355	16915182	17042603	0.65	cps
Beryllium	9-1	801516	800465	797926	799969	0.23	cps
Bismuth	209-1	10277007	10181334	10031779	10163374	1.22	cps
Bismuth	209-2	8774089	8669009	8733319	8725473	0.61	cps
Bromine	81-1	14501	13813	13810	14041	2.83	cps
Bromine	81-2	90	117	127	111	17.06	cps
Cadmium	108-1	152185	149828	149088	150367	1.08	cps
Cadmium	106-1	215393	215062	215376	215277	0.09	cps
Cadmium	111-1	2031158	2042806	2031765	2035243	0.32	cps
Calcium	43-1	10380209	10176130	10123868	10226736	1.32	cps
Calcium	44-1	168315231	165759491	165963978	166679566	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2993356	3037689	3004193	3011746	0.77	cps
Cobalt	59-2	4781488	4778806	4835711	4798668	0.67	cps
Copper	63-2	34205542	34019399	34379924	34201621	0.53	cps
Dysprosium	156-1	537	487	507	510	4.93	cps
Dysprosium	156-2	880	923	733	846	11.78	cps
Erbium	164-1	547	637	577	587	7.81	cps
Erbium	164-2	493	367	440	433	14.68	cps
Gadolinium	160-1	447	450	503	467	6.81	cps
Gadolinium	160-2	1277	993	1173	1148	12.49	cps
Holmium	165-1	17742506	17845103	17648944	17745518	0.55	cps
Holmium	165-2	13263845	13060042	13192930	13172272	0.79	cps
Indium	115-1	14087859	13788768	13752342	13876323	1.33	cps
Indium	115-2	5169206	5103913	5165563	5146227	0.71	cps
Iron	56-2	708025936	712674843	708393136	709697972	0.36	cps
Iron	57-2	17753812	17834791	17920753	17836452	0.47	cps
Iron	54-2	38439584	38652244	38255585	38449138	0.52	cps
Krypton	83-1	287	280	307	291	4.77	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:17:26	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	29718989	29694424	29722289	29711900	0.05	cps
Lead	207-1	25977540	26028016	25805186	25936914	0.45	cps
Lead	208-1	94688393	95353378	94029366	94690379	0.70	cps
Lithium	6-1	1830080	1860165	1828601	1839615	0.97	cps
Magnesium	24-2	128923315	129531675	129732358	129395783	0.33	cps
Manganese	55-2	24079533	24266835	23883982	24076784	0.80	cps
Molybdenum	94-1	28880841	28541388	28520837	28647689	0.71	cps
Molybdenum	95-1	41514479	41222128	41094268	41276958	0.52	cps
Molybdenum	96-1	45250606	45197206	44747813	45065208	0.61	cps
Molybdenum	97-1	25970940	25799860	25645670	25805490	0.63	cps
Molybdenum	98-1	67048156	65937447	65318554	66101386	1.33	cps
Neodymium	150-1	773	713	787	758	5.15	cps
Neodymium	150-2	297	323	363	328	10.24	cps
Nickel	60-2	1310461	1314377	1311436	1312091	0.16	cps
Phosphorus	31-2	157104	157241	156379	156908	0.30	cps
Potassium	39-2	84748054	85053324	86083265	85294881	0.82	cps
Rhodium	103-1	12754390	12588467	12420684	12587847	1.33	cps
Rhodium	103-2	7594757	7608758	7615460	7606325	0.14	cps
Scandium	45-1	7988232	7857972	7821143	7889116	1.11	cps
Scandium	45-2	665747	667077	666593	666473	0.10	cps
Selenium	82-1	120192	119274	119020	119495	0.52	cps
Selenium	77-2	12292	12485	12605	12461	1.27	cps
Selenium	78-2	42297	42073	42548	42306	0.56	cps
Silicon	28-1	70105132	70553469	69972799	70210467	0.43	cps
Silver	107-1	10086840	10094283	10064619	10081914	0.15	cps
Silver	109-1	9629669	9411587	9453721	9498326	1.22	cps
Sodium	23-2	206495157	207619764	208629284	207581401	0.51	cps
Strontium	86-1	2559295	2501672	2540976	2533981	1.16	cps
Strontium	88-1	22234491	22106430	22123272	22154731	0.31	cps
Sulfur	34-1	745733	740787	728869	738463	1.17	cps
Terbium	159-1	18361897	17911192	17930176	18067755	1.41	cps
Terbium	159-2	12963734	12880552	12787437	12877241	0.68	cps
Thallium	203-1	7445409	7420109	7466316	7443945	0.31	cps
Thallium	205-1	17773716	17662403	17767095	17734405	0.35	cps
Tin	118-1	6661449	6651077	6554007	6622177	0.89	cps
Titanium	47-1	9694794	9677580	9597687	9656687	0.54	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:17:26	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23795171	23639293	23710530	23714998	0.33	cps
Vanadium	51-2	2682635	2688818	2698459	2689970	0.30	cps
Yttrium	89-1	17090349	16871184	16681755	16881096	1.21	cps
Yttrium	89-2	4657351	4585834	4659226	4634137	0.90	cps
Zinc	66-2	6039929	6069760	6072221	6060637	0.30	cps
Zirconium	90-1	14089976	14212131	13927241	14076449	1.02	cps
Zirconium	91-1	3144950	3133604	3107665	3128740	0.61	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:20:06	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1533	1437	1217	1396	11.63	cps
Antimony	121-1	3794	3420	2974	3396	12.09	cps
Arsenic	75-2	37	63	57	52	26.57	cps
Barium	135-1	1177	953	900	1010	14.53	cps
Barium	137-1	1900	1617	1427	1648	14.46	cps
Beryllium	9-1	163	180	167	170	5.19	cps
Bismuth	209-1	11343560	11214401	11259250	11272404	0.58	cps
Bismuth	209-2	9884950	9727487	9692939	9768459	1.05	cps
Bromine	81-1	13887	14631	14567	14362	2.87	cps
Bromine	81-2	187	183	137	169	16.55	cps
Cadmium	108-1	47	43	40	43	7.70	cps
Cadmium	106-1	4514	4591	4321	4475	3.11	cps
Cadmium	111-1	3434	3407	3250	3363	2.95	cps
Calcium	43-1	1560	1360	1267	1396	10.74	cps
Calcium	44-1	37621	33905	32305	34610	7.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2724	2607	2404	2578	6.28	cps
Cobalt	59-2	517	433	433	461	10.43	cps
Copper	63-2	3871	3547	3474	3630	5.81	cps
Dysprosium	156-1	7	3	7	6	34.70	cps
Dysprosium	156-2	17	10	3	10	66.70	cps
Erbium	164-1	73	87	93	84	12.06	cps
Erbium	164-2	43	50	63	52	19.50	cps
Gadolinium	160-1	43	63	47	51	20.96	cps
Gadolinium	160-2	840	790	860	830	4.34	cps
Holmium	165-1	18056111	17941924	18037716	18011917	0.34	cps
Holmium	165-2	13553412	13464654	13476397	13498154	0.36	cps
Indium	115-1	14995179	14731198	14716469	14814282	1.06	cps
Indium	115-2	5633955	5580264	5651164	5621794	0.66	cps
Iron	56-2	86688	82109	76852	81883	6.01	cps
Iron	57-2	2830	2844	2480	2718	7.58	cps
Iron	54-2	6385	6225	5825	6145	4.70	cps
Krypton	83-1	297	293	297	296	0.65	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:20:06	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5061	4207	3871	4380	14.01	cps
Lead	207-1	4141	3677	3474	3764	9.08	cps
Lead	208-1	15253	13325	12434	13671	10.54	cps
Lithium	6-1	1973230	1902710	1910349	1928763	2.01	cps
Magnesium	24-2	9943	9123	8626	9231	7.21	cps
Manganese	55-2	2277	2190	1933	2134	8.37	cps
Molybdenum	94-1	3914	3217	3024	3385	13.83	cps
Molybdenum	95-1	5318	4367	4087	4591	14.05	cps
Molybdenum	96-1	5835	4767	4257	4953	16.25	cps
Molybdenum	97-1	3110	2680	2460	2750	12.02	cps
Molybdenum	98-1	8439	7195	6458	7364	13.60	cps
Neodymium	150-1	30	7	13	17	72.11	cps
Neodymium	150-2	3	17	3	8	99.04	cps
Nickel	60-2	743	750	730	741	1.37	cps
Phosphorus	31-2	233	203	227	221	7.12	cps
Potassium	39-2	71088	70482	70506	70692	0.49	cps
Rhodium	103-1	14090214	13950819	13957030	13999354	0.56	cps
Rhodium	103-2	8651246	8544047	8628140	8607811	0.66	cps
Scandium	45-1	8151509	8015293	8078833	8081878	0.84	cps
Scandium	45-2	683429	685549	682565	683848	0.22	cps
Selenium	82-1	676	728	626	677	7.55	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	507	530	487	508	4.27	cps
Silicon	28-1	745348	745643	741001	743997	0.35	cps
Silver	107-1	2637	2184	1987	2269	14.69	cps
Silver	109-1	2344	1820	1663	1942	18.34	cps
Sodium	23-2	54941	52726	51653	53107	3.16	cps
Strontium	86-1	743	723	710	726	2.31	cps
Strontium	88-1	2864	2247	2167	2426	15.72	cps
Sulfur	34-1	208742	210546	211793	210360	0.73	cps
Terbium	159-1	18876368	18415693	18524862	18605641	1.29	cps
Terbium	159-2	13442566	13201752	13338561	13327627	0.91	cps
Thallium	203-1	2090	1793	1843	1909	8.32	cps
Thallium	205-1	4764	4207	4104	4359	8.15	cps
Tin	118-1	3514	3350	3631	3498	4.03	cps
Titanium	47-1	1147	1007	1043	1066	6.81	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:20:06	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2350	1944	1723	2006	15.85	cps
Vanadium	51-2	163	163	193	173	9.99	cps
Yttrium	89-1	17655702	17150715	17279566	17361994	1.51	cps
Yttrium	89-2	4871853	4817485	4834912	4841417	0.57	cps
Zinc	66-2	1227	1183	1150	1187	3.24	cps
Zirconium	90-1	2814	2314	2440	2522	10.31	cps
Zirconium	91-1	577	583	537	566	4.46	cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ31	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:23:24	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18633509	18306827	18392443	18444260	0.92	cps
Antimony	121-1	8539	8499	8376	8471	1.01	cps
Arsenic	75-2	184474	183621	183016	183704	0.40	cps
Barium	135-1	2467531	2469208	2469355	2468698	0.04	cps
Barium	137-1	4284052	4224613	4177316	4228660	1.26	cps
Beryllium	9-1	4321	4191	3987	4166	4.03	cps
Bismuth	209-1	11301748	11466725	11155419	11307964	1.38	cps
Bismuth	209-2	9856875	9805803	9741514	9801397	0.59	cps
Bromine	81-1	18665	19209	19299	19058	1.80	cps
Bromine	81-2	1060	1270	1273	1201	10.18	cps
Cadmium	108-1	1083	1137	1133	1118	2.67	cps
Cadmium	106-1	7232	7405	7409	7349	1.38	cps
Cadmium	111-1	13474	13955	13512	13647	1.96	cps
Calcium	43-1	670882	674676	670737	672098	0.33	cps
Calcium	44-1	10477034	10480033	10502483	10486517	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	394540	396095	390470	393702	0.74	cps
Cobalt	59-2	433738	432983	433429	433383	0.09	cps
Copper	63-2	1254796	1256428	1244525	1251916	0.52	cps
Dysprosium	156-1	183368	186139	183124	184210	0.91	cps
Dysprosium	156-2	164615	164318	161985	163639	0.88	cps
Erbium	164-1	156933	158120	156270	157107	0.60	cps
Erbium	164-2	115916	116480	116312	116236	0.25	cps
Gadolinium	160-1	175889	175683	175103	175558	0.23	cps
Gadolinium	160-2	136629	135457	135821	135969	0.44	cps
Holmium	165-1	19443516	18981677	18962118	19129104	1.42	cps
Holmium	165-2	14181709	14034886	14214192	14143596	0.68	cps
Indium	115-1	15794756	15795235	15460304	15683432	1.23	cps
Indium	115-2	5841378	5800947	5798076	5813467	0.42	cps
Iron	56-2	681740043	674884403	667333763	674652737	1.07	cps
Iron	57-2	16708678	16913401	16827961	16816680	0.61	cps
Iron	54-2	36493915	36598236	36186323	36426158	0.59	cps
Krypton	83-1	447	523	513	494	8.43	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ31	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:23:24	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1659416	1675869	1672296	1669194	0.52	cps
Lead	207-1	1504329	1505365	1487889	1499194	0.65	cps
Lead	208-1	5532103	5512011	5434098	5492737	0.94	cps
Lithium	6-1	2020789	2023564	1922231	1988861	2.90	cps
Magnesium	24-2	9283734	9192344	9210888	9228989	0.52	cps
Manganese	55-2	9376972	9481875	9328994	9395947	0.83	cps
Molybdenum	94-1	188195	189394	188500	188697	0.33	cps
Molybdenum	95-1	9807	9953	9737	9832	1.13	cps
Molybdenum	96-1	47035	48433	47784	47751	1.47	cps
Molybdenum	97-1	6235	6291	6035	6187	2.18	cps
Molybdenum	98-1	15475	15682	15682	15613	0.77	cps
Neodymium	150-1	314994	315085	312817	314299	0.41	cps
Neodymium	150-2	196856	197607	196866	197110	0.22	cps
Nickel	60-2	135956	134379	134086	134807	0.75	cps
Phosphorus	31-2	34275	33694	33757	33909	0.94	cps
Potassium	39-2	5117846	5101623	5103337	5107602	0.17	cps
Rhodium	103-1	14570631	14592615	14565298	14576181	0.10	cps
Rhodium	103-2	8982970	8880788	8901245	8921667	0.61	cps
Scandium	45-1	9229578	9106451	9058635	9131555	0.97	cps
Scandium	45-2	782805	776895	776847	778849	0.44	cps
Selenium	82-1	1551	1379	1511	1481	6.07	cps
Selenium	77-2	533	540	443	506	10.68	cps
Selenium	78-2	1073	987	1130	1063	6.79	cps
Silicon	28-1	27317841	27317666	27163283	27266263	0.33	cps
Silver	107-1	14611	15301	15218	15043	2.51	cps
Silver	109-1	14014	14010	13953	13992	0.24	cps
Sodium	23-2	172638	172979	173407	173008	0.22	cps
Strontium	86-1	540260	544890	536070	540407	0.82	cps
Strontium	88-1	4862032	4764570	4749539	4792047	1.27	cps
Sulfur	34-1	257837	250376	247978	252064	2.04	cps
Terbium	159-1	19783804	19651388	19543514	19659569	0.61	cps
Terbium	159-2	13906471	13910132	13934355	13916986	0.11	cps
Thallium	203-1	7092	7022	7265	7126	1.76	cps
Thallium	205-1	16610	17051	17301	16987	2.06	cps
Tin	118-1	42242	42131	42416	42263	0.34	cps
Titanium	47-1	1326361	1324402	1343152	1331305	0.77	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ31	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:23:24	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	74091	74527	73555	74058	0.66	cps
Vanadium	51-2	1125581	1119612	1119773	1121655	0.30	cps
Yttrium	89-1	20976777	20740448	20599680	20772301	0.92	cps
Yttrium	89-2	5737424	5678916	5757345	5724561	0.71	cps
Zinc	66-2	795809	800189	793038	796345	0.45	cps
Zirconium	90-1	495258	498725	497930	497304	0.37	cps
Zirconium	91-1	110331	110757	110005	110364	0.34	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ32	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:26:25	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13884449	13740208	13828916	13817858	0.53	cps
Antimony	121-1	15762	15735	16092	15863	1.25	cps
Arsenic	75-2	280923	279551	281742	280739	0.39	cps
Barium	135-1	1762614	1784014	1744631	1763753	1.12	cps
Barium	137-1	3056413	3049780	3032386	3046193	0.41	cps
Beryllium	9-1	2810	2904	2884	2866	1.72	cps
Bismuth	209-1	11571181	11371864	11397359	11446801	0.95	cps
Bismuth	209-2	9917522	9878437	9789673	9861877	0.66	cps
Bromine	81-1	18208	18558	18345	18370	0.96	cps
Bromine	81-2	887	810	963	887	8.65	cps
Cadmium	108-1	1263	1240	1133	1212	5.72	cps
Cadmium	106-1	7575	7485	7045	7369	3.85	cps
Cadmium	111-1	16420	16217	16103	16247	0.99	cps
Calcium	43-1	536816	536842	533296	535651	0.38	cps
Calcium	44-1	8493817	8470826	8458885	8474509	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	327548	324329	324164	325347	0.59	cps
Cobalt	59-2	344680	341461	341076	342406	0.58	cps
Copper	63-2	1208966	1202307	1206834	1206035	0.28	cps
Dysprosium	156-1	141039	140346	138289	139891	1.02	cps
Dysprosium	156-2	126062	123957	124253	124758	0.91	cps
Erbium	164-1	119250	119243	119118	119204	0.06	cps
Erbium	164-2	88659	88035	88598	88431	0.39	cps
Gadolinium	160-1	132260	132825	132065	132383	0.30	cps
Gadolinium	160-2	103364	101954	101850	102389	0.83	cps
Holmium	165-1	19539174	19100611	18938232	19192672	1.62	cps
Holmium	165-2	14178220	14108488	14013173	14099960	0.59	cps
Indium	115-1	15974427	15687238	15664204	15775290	1.10	cps
Indium	115-2	5872375	5797233	5798347	5822651	0.74	cps
Iron	56-2	605701004	597122204	598930711	600584640	0.75	cps
Iron	57-2	14987037	14872262	14862832	14907377	0.46	cps
Iron	54-2	32687855	32300405	32657763	32548674	0.66	cps
Krypton	83-1	493	420	470	461	8.13	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ32	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:26:25	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2791230	2773244	2748261	2770912	0.78	cps
Lead	207-1	2508297	2534055	2577599	2539984	1.38	cps
Lead	208-1	8997368	9075095	9120326	9064263	0.69	cps
Lithium	6-1	1979197	2032006	2000497	2003900	1.33	cps
Magnesium	24-2	7326930	7220185	7345396	7297504	0.93	cps
Manganese	55-2	6386677	6291710	6306831	6328406	0.81	cps
Molybdenum	94-1	156384	156180	155797	156120	0.19	cps
Molybdenum	95-1	9637	10150	9767	9851	2.71	cps
Molybdenum	96-1	41967	41449	41365	41593	0.78	cps
Molybdenum	97-1	6121	6055	5998	6058	1.02	cps
Molybdenum	98-1	15735	15655	15618	15670	0.38	cps
Neodymium	150-1	237250	235605	236223	236359	0.35	cps
Neodymium	150-2	149264	146550	147610	147808	0.93	cps
Nickel	60-2	101994	101105	101786	101628	0.46	cps
Phosphorus	31-2	35421	35124	34977	35174	0.64	cps
Potassium	39-2	4446708	4391640	4418243	4418864	0.62	cps
Rhodium	103-1	15051890	14686709	14491398	14743332	1.93	cps
Rhodium	103-2	8932826	8847505	8759832	8846721	0.98	cps
Scandium	45-1	9318959	9095563	9136245	9183589	1.30	cps
Scandium	45-2	771146	759643	761778	764189	0.80	cps
Selenium	82-1	1540	1544	1417	1500	4.79	cps
Selenium	77-2	417	417	510	448	12.03	cps
Selenium	78-2	980	1023	993	999	2.22	cps
Silicon	28-1	27118872	27777020	26857085	27250993	1.74	cps
Silver	107-1	24972	24938	24724	24878	0.54	cps
Silver	109-1	24013	23683	23409	23702	1.28	cps
Sodium	23-2	166337	163685	168557	166193	1.47	cps
Strontium	86-1	420947	420484	417512	419648	0.44	cps
Strontium	88-1	3717793	3696707	3710596	3708365	0.29	cps
Sulfur	34-1	307818	305938	302120	305292	0.95	cps
Terbium	159-1	19917477	19562948	19492703	19657710	1.16	cps
Terbium	159-2	13973411	13793678	13939556	13902215	0.69	cps
Thallium	203-1	6412	6378	6305	6365	0.86	cps
Thallium	205-1	15072	14908	14678	14886	1.33	cps
Tin	118-1	92447	93038	92432	92639	0.37	cps
Titanium	47-1	1596707	1593596	1570255	1586852	0.91	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ32	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:26:25	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57239	57939	57922	57700	0.69	cps
Vanadium	51-2	963291	944267	948949	952169	1.04	cps
Yttrium	89-1	20638006	20210861	20220446	20356438	1.20	cps
Yttrium	89-2	5598172	5568975	5539061	5568736	0.53	cps
Zinc	66-2	1198277	1195799	1195650	1196575	0.12	cps
Zirconium	90-1	411149	407539	404788	407825	0.78	cps
Zirconium	91-1	91942	90842	90329	91038	0.91	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ33	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:29:28	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12111046	12030931	12029801	12057259	0.39	cps
Antimony	121-1	11955	11825	11698	11826	1.09	cps
Arsenic	75-2	175352	174968	174013	174778	0.39	cps
Barium	135-1	1496673	1476478	1471459	1481537	0.90	cps
Barium	137-1	2642992	2610878	2576515	2610128	1.27	cps
Beryllium	9-1	2497	2594	2654	2581	3.06	cps
Bismuth	209-1	11480544	11192214	11186554	11286437	1.49	cps
Bismuth	209-2	9714646	9617995	9770505	9701049	0.80	cps
Bromine	81-1	17260	17814	17828	17634	1.84	cps
Bromine	81-2	847	840	897	861	3.60	cps
Cadmium	108-1	947	990	830	922	8.97	cps
Cadmium	106-1	6702	6318	6145	6388	4.46	cps
Cadmium	111-1	11611	11512	11439	11520	0.75	cps
Calcium	43-1	498813	495621	491461	495298	0.74	cps
Calcium	44-1	7758698	7730439	7701289	7730142	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	287654	286115	286576	286782	0.28	cps
Cobalt	59-2	343299	342362	340062	341908	0.49	cps
Copper	63-2	860301	860803	860557	860554	0.03	cps
Dysprosium	156-1	127896	126580	126200	126892	0.70	cps
Dysprosium	156-2	114612	113144	114119	113959	0.66	cps
Erbium	164-1	109827	107966	109054	108949	0.86	cps
Erbium	164-2	80617	79678	80065	80120	0.59	cps
Gadolinium	160-1	122799	121777	119874	121483	1.22	cps
Gadolinium	160-2	93838	94838	93496	94057	0.74	cps
Holmium	165-1	19038675	18702995	18680844	18807505	1.07	cps
Holmium	165-2	13833352	13899214	13671506	13801358	0.85	cps
Indium	115-1	15831610	15592592	15341579	15588594	1.57	cps
Indium	115-2	5778713	5735333	5664551	5726199	1.01	cps
Iron	56-2	519605312	517991592	515579486	517725463	0.39	cps
Iron	57-2	12973744	12728339	12862834	12854972	0.96	cps
Iron	54-2	28168191	27715316	28110019	27997842	0.88	cps
Krypton	83-1	457	453	487	466	3.94	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ33	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:29:28	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1772838	1793806	1741852	1769499	1.48	cps
Lead	207-1	1606228	1589424	1589696	1595116	0.60	cps
Lead	208-1	5910572	5840851	5837103	5862842	0.71	cps
Lithium	6-1	1985604	1948373	1944237	1959405	1.16	cps
Magnesium	24-2	6801439	6872933	6808102	6827491	0.58	cps
Manganese	55-2	6507568	6440954	6501949	6483491	0.57	cps
Molybdenum	94-1	148366	148504	144602	147157	1.50	cps
Molybdenum	95-1	8249	8282	7942	8158	2.30	cps
Molybdenum	96-1	38427	37973	36462	37621	2.73	cps
Molybdenum	97-1	5031	4868	4958	4952	1.65	cps
Molybdenum	98-1	12876	12626	12262	12588	2.45	cps
Neodymium	150-1	221394	219502	218175	219690	0.74	cps
Neodymium	150-2	138069	137890	137119	137693	0.37	cps
Nickel	60-2	95699	94411	94824	94978	0.69	cps
Phosphorus	31-2	30878	30931	30250	30686	1.23	cps
Potassium	39-2	4535329	4490195	4477900	4501141	0.67	cps
Rhodium	103-1	14873634	14623336	14450939	14649303	1.45	cps
Rhodium	103-2	8842189	8822310	8736006	8800168	0.64	cps
Scandium	45-1	9085010	8990738	8877589	8984445	1.16	cps
Scandium	45-2	758735	756066	750784	755195	0.54	cps
Selenium	82-1	1307	1247	1069	1208	10.23	cps
Selenium	77-2	400	363	363	376	5.64	cps
Selenium	78-2	853	803	910	856	6.24	cps
Silicon	28-1	22136708	21864321	21805845	21935624	0.80	cps
Silver	107-1	16396	16056	15989	16147	1.35	cps
Silver	109-1	14964	15235	14894	15031	1.20	cps
Sodium	23-2	144143	143081	143417	143547	0.38	cps
Strontium	86-1	379509	376762	375890	377387	0.50	cps
Strontium	88-1	3351175	3366424	3337068	3351555	0.44	cps
Sulfur	34-1	232396	229284	225688	229123	1.47	cps
Terbium	159-1	19559475	19298981	19198149	19352202	0.96	cps
Terbium	159-2	13794110	13929022	13588689	13770607	1.24	cps
Thallium	203-1	5808	5541	5508	5619	2.93	cps
Thallium	205-1	13297	13030	13016	13114	1.21	cps
Tin	118-1	62361	66732	62314	63802	3.98	cps
Titanium	47-1	1293462	1288844	1297876	1293394	0.35	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ33	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:29:28	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51171	50458	50325	50651	0.90	cps
Vanadium	51-2	878406	871363	872151	873973	0.44	cps
Yttrium	89-1	20301256	20068642	19755188	20041695	1.37	cps
Yttrium	89-2	5473576	5454274	5479347	5469066	0.24	cps
Zinc	66-2	733582	722266	723066	726305	0.87	cps
Zirconium	90-1	390316	386525	386374	387738	0.58	cps
Zirconium	91-1	86774	87042	86469	86762	0.33	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ34	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:32:31	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14058665	13939616	13852815	13950365	0.74	cps
Antimony	121-1	14104	14701	14654	14486	2.29	cps
Arsenic	75-2	246142	247242	245579	246321	0.34	cps
Barium	135-1	1545318	1550142	1558984	1551481	0.45	cps
Barium	137-1	2688784	2745970	2720930	2718561	1.05	cps
Beryllium	9-1	2744	2914	2724	2794	3.74	cps
Bismuth	209-1	11823005	11348804	11212902	11461571	2.79	cps
Bismuth	209-2	9907053	9753856	9621887	9760932	1.46	cps
Bromine	81-1	17417	17774	17878	17690	1.37	cps
Bromine	81-2	957	977	960	964	1.11	cps
Cadmium	108-1	1100	1113	1220	1145	5.75	cps
Cadmium	106-1	6985	6918	6825	6909	1.16	cps
Cadmium	111-1	15331	15598	15515	15481	0.88	cps
Calcium	43-1	557324	565017	561466	561269	0.69	cps
Calcium	44-1	8747186	8875796	8835691	8819558	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	346494	346399	343712	345535	0.46	cps
Cobalt	59-2	374860	375703	370842	373802	0.69	cps
Copper	63-2	970274	974903	970370	971849	0.27	cps
Dysprosium	156-1	134733	136108	135917	135586	0.55	cps
Dysprosium	156-2	122697	122622	123240	122853	0.27	cps
Erbium	164-1	117905	121146	120615	119889	1.45	cps
Erbium	164-2	88796	88303	89105	88735	0.46	cps
Gadolinium	160-1	131308	134174	131984	132489	1.13	cps
Gadolinium	160-2	103086	102394	101816	102432	0.62	cps
Holmium	165-1	19845307	18995059	18785938	19208768	2.92	cps
Holmium	165-2	13961226	13967116	13970243	13966195	0.03	cps
Indium	115-1	16460707	15464061	15458522	15794430	3.65	cps
Indium	115-2	5847129	5760604	5732224	5779986	1.04	cps
Iron	56-2	596536058	591802191	591865218	593401156	0.46	cps
Iron	57-2	14750434	14631611	14635229	14672425	0.46	cps
Iron	54-2	32160390	32193977	31980997	32111788	0.36	cps
Krypton	83-1	513	353	460	442	18.42	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ34	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:32:31	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2382139	2366245	2403635	2384006	0.79	cps
Lead	207-1	2195796	2219137	2236554	2217162	0.92	cps
Lead	208-1	7743341	7917456	7932366	7864388	1.34	cps
Lithium	6-1	2050895	1943198	1933866	1975987	3.29	cps
Magnesium	24-2	7988186	7894961	7944983	7942710	0.59	cps
Manganese	55-2	7162322	7062108	6937348	7053926	1.60	cps
Molybdenum	94-1	154893	155441	155078	155137	0.18	cps
Molybdenum	95-1	10184	10184	10430	10266	1.39	cps
Molybdenum	96-1	41703	42040	41790	41844	0.42	cps
Molybdenum	97-1	6318	6168	6358	6281	1.60	cps
Molybdenum	98-1	16256	16109	15805	16057	1.43	cps
Neodymium	150-1	230284	234278	233879	232814	0.94	cps
Neodymium	150-2	147536	147088	146095	146906	0.50	cps
Nickel	60-2	105786	104390	103665	104614	1.03	cps
Phosphorus	31-2	37753	38147	38244	38048	0.68	cps
Potassium	39-2	5004148	4944612	4904189	4950983	1.02	cps
Rhodium	103-1	15436126	14587667	14516347	14846713	3.45	cps
Rhodium	103-2	8856540	8730217	8756148	8780968	0.76	cps
Scandium	45-1	9394033	8997338	8947630	9113000	2.68	cps
Scandium	45-2	763376	759027	755691	759364	0.51	cps
Selenium	82-1	1362	1441	1407	1403	2.81	cps
Selenium	77-2	437	423	430	430	1.55	cps
Selenium	78-2	1063	907	1043	1004	8.49	cps
Silicon	28-1	27439470	27521608	27463598	27474892	0.15	cps
Silver	107-1	22084	22427	22491	22334	0.98	cps
Silver	109-1	20621	21599	21092	21104	2.32	cps
Sodium	23-2	166004	165946	164622	165524	0.47	cps
Strontium	86-1	403870	409961	410202	408011	0.88	cps
Strontium	88-1	3597197	3657571	3672299	3642356	1.09	cps
Sulfur	34-1	272045	270203	269840	270696	0.44	cps
Terbium	159-1	20284098	19301629	19297611	19627779	2.90	cps
Terbium	159-2	13817619	13724353	13635613	13725862	0.66	cps
Thallium	203-1	5995	6098	6038	6044	0.86	cps
Thallium	205-1	14408	14708	14668	14595	1.12	cps
Tin	118-1	150786	154552	152770	152703	1.23	cps
Titanium	47-1	1527375	1532229	1562597	1540734	1.24	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ34	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:32:31	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52021	52172	52747	52313	0.73	cps
Vanadium	51-2	943124	940693	937451	940423	0.30	cps
Yttrium	89-1	21355766	20322921	20364377	20681021	2.83	cps
Yttrium	89-2	5486014	5490220	5495763	5490666	0.09	cps
Zinc	66-2	1040302	1044212	1041924	1042146	0.19	cps
Zirconium	90-1	400098	408147	403085	403777	1.01	cps
Zirconium	91-1	90037	90359	91188	90528	0.66	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ35	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:35:35	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12424641	12385271	12220466	12343459	0.88	cps
Antimony	121-1	16483	16703	16863	16683	1.14	cps
Arsenic	75-2	283097	281541	278845	281161	0.77	cps
Barium	135-1	1421813	1420093	1417684	1419864	0.15	cps
Barium	137-1	2482824	2496127	2450596	2476516	0.95	cps
Beryllium	9-1	2747	2680	2500	2642	4.83	cps
Bismuth	209-1	11597820	11271384	11080496	11316566	2.31	cps
Bismuth	209-2	9814710	9787280	9648339	9750110	0.91	cps
Bromine	81-1	16643	16586	16870	16700	0.90	cps
Bromine	81-2	803	690	870	788	11.55	cps
Cadmium	108-1	1070	1153	1180	1135	5.06	cps
Cadmium	106-1	7192	6678	6648	6839	4.47	cps
Cadmium	111-1	16460	15829	16190	16160	1.96	cps
Calcium	43-1	513883	510882	506978	510581	0.68	cps
Calcium	44-1	8044743	8013904	7961102	8006583	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	316892	314587	311748	314409	0.82	cps
Cobalt	59-2	381826	380807	377897	380177	0.54	cps
Copper	63-2	978123	977644	972094	975954	0.34	cps
Dysprosium	156-1	121113	121063	119237	120471	0.89	cps
Dysprosium	156-2	109734	110618	108175	109509	1.13	cps
Erbium	164-1	104685	105545	104137	104789	0.68	cps
Erbium	164-2	77312	77329	76833	77158	0.37	cps
Gadolinium	160-1	116990	118371	116768	117376	0.74	cps
Gadolinium	160-2	91647	90459	90399	90835	0.77	cps
Holmium	165-1	19179093	18807479	18578800	18855124	1.61	cps
Holmium	165-2	14006520	13936979	13640968	13861489	1.40	cps
Indium	115-1	15810787	15571903	15444599	15609096	1.19	cps
Indium	115-2	5726335	5739919	5693636	5719964	0.42	cps
Iron	56-2	559973445	559982405	552833352	557596401	0.74	cps
Iron	57-2	13800232	13838168	13827480	13821960	0.14	cps
Iron	54-2	30355929	30318795	29946714	30207146	0.75	cps
Krypton	83-1	417	390	387	398	4.13	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ35	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:35:35	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2733286	2739551	2727142	2733326	0.23	cps
Lead	207-1	2555434	2569999	2580214	2568549	0.48	cps
Lead	208-1	9005114	9098325	8863308	8988916	1.32	cps
Lithium	6-1	1974708	1934113	1920152	1942991	1.46	cps
Magnesium	24-2	7274111	7290533	7191517	7252054	0.73	cps
Manganese	55-2	6002321	5949560	5930291	5960724	0.63	cps
Molybdenum	94-1	144834	143999	143703	144179	0.41	cps
Molybdenum	95-1	9330	9516	9283	9376	1.32	cps
Molybdenum	96-1	39600	38704	38547	38951	1.46	cps
Molybdenum	97-1	5911	6201	6125	6079	2.47	cps
Molybdenum	98-1	15171	15368	14874	15138	1.64	cps
Neodymium	150-1	210270	213796	208729	210932	1.23	cps
Neodymium	150-2	132307	130894	131977	131726	0.56	cps
Nickel	60-2	100295	98954	97964	99071	1.18	cps
Phosphorus	31-2	38271	37883	37877	38010	0.59	cps
Potassium	39-2	4643454	4623303	4613207	4626655	0.33	cps
Rhodium	103-1	14972885	14425850	14232837	14543857	2.64	cps
Rhodium	103-2	8759850	8764763	8681020	8735211	0.54	cps
Scandium	45-1	9166473	8872263	8882774	8973837	1.86	cps
Scandium	45-2	757126	754162	747628	752972	0.65	cps
Selenium	82-1	1508	1611	1642	1587	4.42	cps
Selenium	77-2	423	443	290	386	21.62	cps
Selenium	78-2	1003	1100	1097	1067	5.14	cps
Silicon	28-1	19248915	19630516	19135273	19338235	1.34	cps
Silver	107-1	25666	25566	26160	25797	1.23	cps
Silver	109-1	24504	24511	23983	24333	1.24	cps
Sodium	23-2	173613	171344	171294	172084	0.77	cps
Strontium	86-1	379666	380638	375310	378538	0.75	cps
Strontium	88-1	3355990	3393851	3309372	3353071	1.26	cps
Sulfur	34-1	259917	260819	255942	258893	1.00	cps
Terbium	159-1	19724637	19148541	19035785	19302987	1.91	cps
Terbium	159-2	13744031	13552112	13508962	13601702	0.92	cps
Thallium	203-1	8673	8873	8646	8731	1.42	cps
Thallium	205-1	21126	20439	20542	20702	1.79	cps
Tin	118-1	66446	67953	67116	67171	1.12	cps
Titanium	47-1	1439306	1428538	1405489	1424444	1.21	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ35	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:35:35	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46273	46220	46692	46395	0.56	cps
Vanadium	51-2	908674	897964	895594	900744	0.77	cps
Yttrium	89-1	20421906	20067256	19750558	20079907	1.67	cps
Yttrium	89-2	5471995	5438918	5492323	5467745	0.49	cps
Zinc	66-2	1086629	1085846	1075539	1082671	0.57	cps
Zirconium	90-1	371181	374659	371110	372317	0.54	cps
Zirconium	91-1	84568	83884	83958	84137	0.45	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ36	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:38:37	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11723545	11701035	11682759	11702446	0.17	cps
Antimony	121-1	11848	12115	12289	12084	1.84	cps
Arsenic	75-2	152665	154804	153730	153733	0.70	cps
Barium	135-1	2043527	2075331	2039990	2052949	0.95	cps
Barium	137-1	3511086	3489861	3495204	3498717	0.32	cps
Beryllium	9-1	2430	2487	2427	2448	1.38	cps
Bismuth	209-1	11571264	11352904	11375797	11433322	1.05	cps
Bismuth	209-2	9994193	9982184	9804699	9927025	1.07	cps
Bromine	81-1	17163	17841	18281	17762	3.17	cps
Bromine	81-2	963	1057	990	1003	4.79	cps
Cadmium	108-1	793	913	863	857	7.04	cps
Cadmium	106-1	6425	6101	6031	6186	3.39	cps
Cadmium	111-1	11401	10857	10906	11055	2.72	cps
Calcium	43-1	489436	495439	492384	492420	0.61	cps
Calcium	44-1	7754092	7763912	7746824	7754943	0.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	300467	297358	298704	298843	0.52	cps
Cobalt	59-2	319983	319570	319338	319630	0.10	cps
Copper	63-2	852819	853554	851386	852586	0.13	cps
Dysprosium	156-1	125249	123897	126705	125283	1.12	cps
Dysprosium	156-2	113429	114549	113383	113787	0.58	cps
Erbium	164-1	107543	108924	109178	108548	0.81	cps
Erbium	164-2	81978	80758	81670	81469	0.78	cps
Gadolinium	160-1	120688	122473	123145	122102	1.04	cps
Gadolinium	160-2	94224	95033	94663	94640	0.43	cps
Holmium	165-1	19560086	19068300	18992810	19207065	1.60	cps
Holmium	165-2	14006921	13987019	13865606	13953182	0.55	cps
Indium	115-1	15964015	15531376	15588022	15694471	1.50	cps
Indium	115-2	5777680	5846520	5803903	5809368	0.60	cps
Iron	56-2	492453073	491224073	491469979	491715708	0.13	cps
Iron	57-2	12189334	12183062	12181820	12184739	0.03	cps
Iron	54-2	26587120	26420917	26417483	26475173	0.37	cps
Krypton	83-1	433	393	380	402	6.90	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ36	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:38:37	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1476104	1494077	1485163	1485115	0.61	cps
Lead	207-1	1351282	1356988	1362711	1356994	0.42	cps
Lead	208-1	4919015	4974042	4906772	4933276	0.73	cps
Lithium	6-1	1986472	1897203	1962312	1948662	2.37	cps
Magnesium	24-2	6792526	6846464	6803079	6814023	0.42	cps
Manganese	55-2	9296415	9210068	9262659	9256381	0.47	cps
Molybdenum	94-1	135689	135567	134685	135313	0.40	cps
Molybdenum	95-1	13947	13690	14030	13889	1.28	cps
Molybdenum	96-1	41947	41713	41642	41767	0.38	cps
Molybdenum	97-1	8863	9133	9006	9001	1.50	cps
Molybdenum	98-1	22487	22651	22374	22504	0.62	cps
Neodymium	150-1	216855	218889	218956	218233	0.55	cps
Neodymium	150-2	139099	137634	136315	137683	1.01	cps
Nickel	60-2	100685	100947	100034	100555	0.47	cps
Phosphorus	31-2	31098	30848	31178	31042	0.56	cps
Potassium	39-2	4527110	4473378	4503409	4501299	0.60	cps
Rhodium	103-1	15054540	14680217	14629337	14788031	1.57	cps
Rhodium	103-2	8786220	8892157	8786431	8821603	0.69	cps
Scandium	45-1	9124697	8857240	8921368	8967769	1.56	cps
Scandium	45-2	751872	752592	757541	754001	0.41	cps
Selenium	82-1	1332	1256	1329	1306	3.29	cps
Selenium	77-2	487	340	347	391	21.18	cps
Selenium	78-2	933	1007	1000	980	4.14	cps
Silicon	28-1	22686492	22655201	22851128	22730940	0.46	cps
Silver	107-1	11238	11428	12149	11605	4.14	cps
Silver	109-1	10968	10847	10744	10853	1.03	cps
Sodium	23-2	144079	144282	142640	143667	0.62	cps
Strontium	86-1	362345	366439	363289	364024	0.59	cps
Strontium	88-1	3232794	3227644	3192484	3217641	0.68	cps
Sulfur	34-1	231730	230607	229193	230510	0.55	cps
Terbium	159-1	19854198	19646018	19388905	19629707	1.19	cps
Terbium	159-2	13929586	14032014	13921887	13961162	0.44	cps
Thallium	203-1	5341	5191	5661	5398	4.45	cps
Thallium	205-1	12579	12599	12499	12559	0.42	cps
Tin	118-1	45151	45886	45579	45539	0.81	cps
Titanium	47-1	1463207	1502691	1485425	1483775	1.33	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ36	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:38:37	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50783	51272	52128	51394	1.32	cps
Vanadium	51-2	807865	808237	803939	806680	0.30	cps
Yttrium	89-1	20573824	20173366	20017894	20255028	1.42	cps
Yttrium	89-2	5434125	5518194	5512244	5488188	0.85	cps
Zinc	66-2	680354	674088	675092	676511	0.50	cps
Zirconium	90-1	345241	346913	346542	346232	0.25	cps
Zirconium	91-1	76847	77473	77872	77397	0.67	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ37	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:41:41	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11715116	11674085	11585241	11658147	0.57	cps
Antimony	121-1	10010	9997	10157	10055	0.88	cps
Arsenic	75-2	72777	72191	71595	72188	0.82	cps
Barium	135-1	1563009	1548978	1559391	1557126	0.47	cps
Barium	137-1	2718369	2704532	2676968	2699957	0.78	cps
Beryllium	9-1	2440	2514	2464	2472	1.52	cps
Bismuth	209-1	11380709	11528287	11357795	11422264	0.81	cps
Bismuth	209-2	9856272	9880559	10092800	9943210	1.31	cps
Bromine	81-1	17120	17097	17287	17168	0.60	cps
Bromine	81-2	657	603	733	664	9.84	cps
Cadmium	108-1	873	927	900	900	2.96	cps
Cadmium	106-1	7012	6505	6421	6646	4.81	cps
Cadmium	111-1	12506	12164	12091	12253	1.81	cps
Calcium	43-1	1158220	1158989	1147259	1154823	0.57	cps
Calcium	44-1	18204056	18093290	17911013	18069453	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	354455	355337	352493	354095	0.41	cps
Cobalt	59-2	350111	344976	342029	345705	1.18	cps
Copper	63-2	1514832	1505844	1491935	1504204	0.77	cps
Dysprosium	156-1	140373	140959	139081	140137	0.69	cps
Dysprosium	156-2	127485	128898	126812	127732	0.83	cps
Erbium	164-1	120450	119754	120968	120391	0.51	cps
Erbium	164-2	91081	91205	89611	90632	0.98	cps
Gadolinium	160-1	136924	134481	134898	135434	0.97	cps
Gadolinium	160-2	105013	107025	105466	105835	1.00	cps
Holmium	165-1	19056232	18822806	18960555	18946531	0.62	cps
Holmium	165-2	14253290	14102521	14251689	14202500	0.61	cps
Indium	115-1	15745922	15641771	15483691	15623794	0.85	cps
Indium	115-2	5821722	5810691	5859517	5830643	0.44	cps
Iron	56-2	453434633	452531593	451719367	452561864	0.19	cps
Iron	57-2	11267668	11341732	11107229	11238876	1.07	cps
Iron	54-2	24586200	24421747	24339081	24449009	0.51	cps
Krypton	83-1	507	510	440	486	8.13	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ37	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:41:41	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1771452	1821723	1761116	1784764	1.82	cps
Lead	207-1	1576828	1589306	1564617	1576917	0.78	cps
Lead	208-1	5767863	5832675	5762818	5787785	0.67	cps
Lithium	6-1	1965976	1918545	1901521	1928681	1.73	cps
Magnesium	24-2	9144651	9008965	9079847	9077821	0.75	cps
Manganese	55-2	8040410	8039852	8072509	8050924	0.23	cps
Molybdenum	94-1	155674	157614	153592	155627	1.29	cps
Molybdenum	95-1	7272	7048	6508	6943	5.66	cps
Molybdenum	96-1	37588	37558	37267	37471	0.47	cps
Molybdenum	97-1	4477	4484	4334	4432	1.91	cps
Molybdenum	98-1	11325	11008	11304	11212	1.58	cps
Neodymium	150-1	252146	249667	248465	250093	0.75	cps
Neodymium	150-2	157610	157485	156434	157176	0.41	cps
Nickel	60-2	129540	129325	128498	129121	0.43	cps
Phosphorus	31-2	50065	48376	49409	49283	1.73	cps
Potassium	39-2	5990711	5915546	5963744	5956667	0.64	cps
Rhodium	103-1	14751818	14682323	14428692	14620944	1.16	cps
Rhodium	103-2	8896824	8925580	8814888	8879097	0.65	cps
Scandium	45-1	8972323	8844235	8804548	8873702	0.99	cps
Scandium	45-2	762628	758944	750845	757473	0.80	cps
Selenium	82-1	1121	1136	1200	1152	3.63	cps
Selenium	77-2	373	420	403	399	5.93	cps
Selenium	78-2	900	910	883	898	1.50	cps
Silicon	28-1	24773135	24984915	24569769	24775939	0.84	cps
Silver	107-1	16459	16376	16469	16435	0.31	cps
Silver	109-1	14891	15448	15231	15190	1.85	cps
Sodium	23-2	139347	138216	138627	138730	0.41	cps
Strontium	86-1	548736	548480	546904	548040	0.18	cps
Strontium	88-1	4823181	4805467	4767119	4798589	0.60	cps
Sulfur	34-1	239880	239531	240926	240112	0.30	cps
Terbium	159-1	19679553	19600916	19530221	19603563	0.38	cps
Terbium	159-2	13954334	13959028	13988001	13967121	0.13	cps
Thallium	203-1	5084	5141	5231	5152	1.44	cps
Thallium	205-1	12416	12119	12266	12267	1.21	cps
Tin	118-1	60145	58572	60041	59586	1.48	cps
Titanium	47-1	1066036	1064145	1056083	1062088	0.50	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ37	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:41:41	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40625	40064	39612	40100	1.27	cps
Vanadium	51-2	691581	688368	690853	690268	0.24	cps
Yttrium	89-1	20566603	20345303	20421923	20444610	0.55	cps
Yttrium	89-2	5598482	5636058	5512407	5582315	1.14	cps
Zinc	66-2	566034	564219	562850	564367	0.28	cps
Zirconium	90-1	410536	411304	407420	409753	0.50	cps
Zirconium	91-1	91576	92157	91788	91840	0.32	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ39	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:44:44	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11203556	11135779	11141240	11160192	0.34	cps
Antimony	121-1	3380	3347	3290	3339	1.36	cps
Arsenic	75-2	64770	65018	65383	65057	0.47	cps
Barium	135-1	1809565	1847561	1853559	1836895	1.30	cps
Barium	137-1	3181924	3137483	3200036	3173147	1.01	cps
Beryllium	9-1	2107	2270	2264	2214	4.18	cps
Bismuth	209-1	11919657	11373820	11134524	11476000	3.51	cps
Bismuth	209-2	9871215	9900580	9811297	9861031	0.46	cps
Bromine	81-1	16696	16987	16836	16840	0.86	cps
Bromine	81-2	673	620	613	636	5.17	cps
Cadmium	108-1	920	913	907	913	0.73	cps
Cadmium	106-1	7189	6635	6605	6809	4.83	cps
Cadmium	111-1	11490	11317	11144	11317	1.53	cps
Calcium	43-1	1173850	1178431	1162199	1171493	0.71	cps
Calcium	44-1	18364018	18645471	18438676	18482722	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	300022	297007	301404	299478	0.75	cps
Cobalt	59-2	297731	295671	296151	296517	0.36	cps
Copper	63-2	847659	846323	843128	845703	0.28	cps
Dysprosium	156-1	130109	132017	130345	130824	0.79	cps
Dysprosium	156-2	118931	118656	120212	119266	0.70	cps
Erbium	164-1	110724	111829	109814	110789	0.91	cps
Erbium	164-2	83430	82491	82612	82845	0.62	cps
Gadolinium	160-1	122661	125600	123505	123922	1.22	cps
Gadolinium	160-2	96268	96969	97002	96746	0.43	cps
Holmium	165-1	19739526	18969781	18727777	19145695	2.76	cps
Holmium	165-2	13944299	14041157	13965554	13983670	0.36	cps
Indium	115-1	16534430	15609615	15345275	15829773	3.94	cps
Indium	115-2	5807915	5844244	5818561	5823573	0.32	cps
Iron	56-2	307912022	305269295	306084229	306421849	0.44	cps
Iron	57-2	7680157	7565550	7605971	7617226	0.76	cps
Iron	54-2	16711313	16621176	16528407	16620299	0.55	cps
Krypton	83-1	420	450	453	441	4.16	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ39	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:44:44	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1429142	1455862	1442447	1442484	0.93	cps
Lead	207-1	1275404	1304838	1288928	1289724	1.14	cps
Lead	208-1	4718772	4741873	4746529	4735725	0.31	cps
Lithium	6-1	1973144	1960330	1923377	1952284	1.32	cps
Magnesium	24-2	9272010	9253310	9248495	9257938	0.13	cps
Manganese	55-2	8869775	8686853	8739367	8765332	1.07	cps
Molybdenum	94-1	182884	186140	185982	185002	0.99	cps
Molybdenum	95-1	3724	3524	3674	3640	2.86	cps
Molybdenum	96-1	37341	37394	37755	37497	0.60	cps
Molybdenum	97-1	2370	2294	2254	2306	2.57	cps
Molybdenum	98-1	5584	5641	5528	5584	1.02	cps
Neodymium	150-1	226515	228345	230192	228351	0.81	cps
Neodymium	150-2	144041	144333	143304	143893	0.37	cps
Nickel	60-2	122246	122162	122626	122345	0.20	cps
Phosphorus	31-2	46805	45899	46203	46302	1.00	cps
Potassium	39-2	5200812	5205631	5183293	5196579	0.23	cps
Rhodium	103-1	15442810	14687990	14501960	14877587	3.35	cps
Rhodium	103-2	8876419	8908456	8870594	8885156	0.23	cps
Scandium	45-1	9336407	8956964	8894055	9062475	2.64	cps
Scandium	45-2	753737	753264	750632	752544	0.22	cps
Selenium	82-1	1150	1090	1093	1111	3.02	cps
Selenium	77-2	367	393	403	388	4.89	cps
Selenium	78-2	850	903	907	887	3.59	cps
Silicon	28-1	19721867	19866599	19643809	19744092	0.57	cps
Silver	107-1	9937	10144	10120	10067	1.13	cps
Silver	109-1	9136	9346	9587	9356	2.41	cps
Sodium	23-2	116412	117144	117624	117060	0.52	cps
Strontium	86-1	680189	688598	682689	683825	0.63	cps
Strontium	88-1	6083722	6056949	6017494	6052722	0.55	cps
Sulfur	34-1	280352	288028	287701	285360	1.52	cps
Terbium	159-1	20198513	19437575	19238482	19624856	2.58	cps
Terbium	159-2	13882268	13905814	13776459	13854847	0.50	cps
Thallium	203-1	5068	4988	4918	4991	1.50	cps
Thallium	205-1	11775	11692	11945	11804	1.09	cps
Tin	118-1	8716	7592	8345	8218	6.97	cps
Titanium	47-1	843550	847569	845864	845661	0.24	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ39	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:44:44	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31871	33171	32533	32525	2.00	cps
Vanadium	51-2	455729	453709	453924	454454	0.24	cps
Yttrium	89-1	21242305	20262701	20122716	20542574	2.97	cps
Yttrium	89-2	5582098	5554287	5500018	5545468	0.75	cps
Zinc	66-2	576853	575820	571185	574619	0.53	cps
Zirconium	90-1	492057	495434	494380	493957	0.35	cps
Zirconium	91-1	110039	110891	109807	110246	0.52	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ40	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:47:49	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11099650	11180269	11310171	11196697	0.95	cps
Antimony	121-1	3394	3454	3627	3492	3.47	cps
Arsenic	75-2	51134	50101	51696	50977	1.59	cps
Barium	135-1	1853885	1842249	1846727	1847620	0.32	cps
Barium	137-1	3190344	3193402	3146787	3176845	0.82	cps
Beryllium	9-1	2370	2167	2327	2288	4.68	cps
Bismuth	209-1	11531742	11472844	11292508	11432364	1.09	cps
Bismuth	209-2	9963828	9875627	9782576	9874010	0.92	cps
Bromine	81-1	16856	17080	17320	17086	1.36	cps
Bromine	81-2	590	610	670	623	6.68	cps
Cadmium	108-1	740	867	873	827	9.09	cps
Cadmium	106-1	6925	6832	6805	6854	0.92	cps
Cadmium	111-1	10918	10867	11051	10945	0.87	cps
Calcium	43-1	1290973	1263287	1273005	1275755	1.10	cps
Calcium	44-1	20805116	20731349	20385314	20640593	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	297322	296112	296215	296550	0.23	cps
Cobalt	59-2	304789	302512	301387	302896	0.57	cps
Copper	63-2	970808	968807	962122	967246	0.47	cps
Dysprosium	156-1	138125	137657	135944	137242	0.84	cps
Dysprosium	156-2	123019	124418	121157	122865	1.33	cps
Erbium	164-1	117771	116937	115986	116898	0.76	cps
Erbium	164-2	86482	86180	85966	86209	0.30	cps
Gadolinium	160-1	132126	131460	131116	131567	0.39	cps
Gadolinium	160-2	99990	100742	102249	100994	1.14	cps
Holmium	165-1	19478001	19185461	18762510	19141990	1.88	cps
Holmium	165-2	14095944	14015289	13770672	13960635	1.21	cps
Indium	115-1	15783435	15661998	15575225	15673553	0.67	cps
Indium	115-2	5859163	5789201	5716857	5788407	1.23	cps
Iron	56-2	321902315	319767675	321260029	320976673	0.34	cps
Iron	57-2	7940466	7955816	7932401	7942894	0.15	cps
Iron	54-2	17294382	17367723	17400979	17354362	0.31	cps
Krypton	83-1	467	500	407	458	10.33	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ40	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:47:49	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2530305	2513561	2493688	2512518	0.73	cps
Lead	207-1	2204277	2186303	2202003	2197528	0.45	cps
Lead	208-1	8005512	7894178	7802148	7900613	1.29	cps
Lithium	6-1	1958916	1905560	1914260	1926245	1.49	cps
Magnesium	24-2	9225423	9235755	9167021	9209400	0.40	cps
Manganese	55-2	8088296	8163189	8125363	8125616	0.46	cps
Molybdenum	94-1	185628	185151	182937	184572	0.78	cps
Molybdenum	95-1	3867	3867	4081	3938	3.13	cps
Molybdenum	96-1	37685	38307	37719	37903	0.92	cps
Molybdenum	97-1	2387	2567	2264	2406	6.34	cps
Molybdenum	98-1	5628	5935	5995	5852	3.36	cps
Neodymium	150-1	242766	241806	237880	240817	1.07	cps
Neodymium	150-2	150797	150569	148095	149820	1.00	cps
Nickel	60-2	125002	124014	123190	124069	0.73	cps
Phosphorus	31-2	46203	45929	45564	45899	0.70	cps
Potassium	39-2	5822498	5865121	5852529	5846716	0.37	cps
Rhodium	103-1	14895442	14639776	14450220	14661813	1.52	cps
Rhodium	103-2	8979899	8861892	8827363	8889718	0.90	cps
Scandium	45-1	9058075	8956684	8844516	8953091	1.19	cps
Scandium	45-2	753942	751278	751296	752172	0.20	cps
Selenium	82-1	1169	1056	1037	1088	6.53	cps
Selenium	77-2	403	453	423	427	5.90	cps
Selenium	78-2	897	853	897	882	2.84	cps
Silicon	28-1	21304510	20993887	20372309	20890235	2.27	cps
Silver	107-1	10544	10167	10284	10332	1.87	cps
Silver	109-1	9857	9867	9577	9767	1.69	cps
Sodium	23-2	123215	124643	122505	123454	0.88	cps
Strontium	86-1	626947	622199	612726	620624	1.17	cps
Strontium	88-1	5549572	5496899	5360720	5469064	1.78	cps
Sulfur	34-1	245711	249799	247763	247758	0.82	cps
Terbium	159-1	19823067	19650205	19471054	19648109	0.90	cps
Terbium	159-2	13974406	13671496	13678068	13774657	1.26	cps
Thallium	203-1	4811	4751	4641	4734	1.82	cps
Thallium	205-1	11322	11071	11048	11147	1.36	cps
Tin	118-1	18485	16767	16383	17212	6.50	cps
Titanium	47-1	735168	736264	724761	732064	0.87	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ40	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:47:49	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33716	32921	32490	33042	1.88	cps
Vanadium	51-2	472967	467791	467651	469470	0.65	cps
Yttrium	89-1	20910461	20343331	20292990	20515594	1.67	cps
Yttrium	89-2	5668597	5542044	5552380	5587673	1.26	cps
Zinc	66-2	514268	510361	512071	512233	0.38	cps
Zirconium	90-1	498677	499062	491677	496472	0.84	cps
Zirconium	91-1	111288	111704	109904	110965	0.85	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ41	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:50:50	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10885780	10857686	10912567	10885344	0.25	cps
Antimony	121-1	3844	3734	3834	3804	1.60	cps
Arsenic	75-2	78007	77551	76710	77423	0.85	cps
Barium	135-1	1555617	1547948	1543724	1549096	0.39	cps
Barium	137-1	2758186	2724486	2709802	2730824	0.91	cps
Beryllium	9-1	2184	2070	2090	2115	2.86	cps
Bismuth	209-1	11378711	11311009	11045802	11245174	1.56	cps
Bismuth	209-2	9838769	9821745	9783888	9814800	0.29	cps
Bromine	81-1	16700	16506	16569	16592	0.59	cps
Bromine	81-2	607	650	677	644	5.48	cps
Cadmium	108-1	1063	903	987	984	8.13	cps
Cadmium	106-1	7082	7005	6795	6961	2.13	cps
Cadmium	111-1	13729	14025	13863	13872	1.07	cps
Calcium	43-1	1754399	1747329	1729105	1743611	0.75	cps
Calcium	44-1	28529720	28424329	28247835	28400628	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	265564	264284	264861	264903	0.24	cps
Cobalt	59-2	296583	295348	293941	295291	0.45	cps
Copper	63-2	1292508	1279730	1276848	1283029	0.65	cps
Dysprosium	156-1	140707	143605	142050	142120	1.02	cps
Dysprosium	156-2	126157	125568	128861	126862	1.38	cps
Erbium	164-1	122128	122309	121828	122088	0.20	cps
Erbium	164-2	89541	89028	88763	89111	0.44	cps
Gadolinium	160-1	136776	136568	135215	136186	0.62	cps
Gadolinium	160-2	104882	104701	105117	104900	0.20	cps
Holmium	165-1	18955427	18936898	18844328	18912218	0.31	cps
Holmium	165-2	14264347	13728543	13979813	13990901	1.92	cps
Indium	115-1	15739470	15443557	15474037	15552355	1.05	cps
Indium	115-2	5777585	5789781	5785008	5784125	0.11	cps
Iron	56-2	326255455	326769602	324514262	325846440	0.36	cps
Iron	57-2	8125977	8041180	7981715	8049624	0.90	cps
Iron	54-2	17710731	17621491	17473211	17601811	0.68	cps
Krypton	83-1	460	463	443	456	2.35	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ41	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:50:50	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2073870	2067282	2065860	2069004	0.21	cps
Lead	207-1	1870520	1874933	1870159	1871871	0.14	cps
Lead	208-1	6727361	6718696	6672089	6706049	0.44	cps
Lithium	6-1	1956944	1931241	1932945	1940377	0.74	cps
Magnesium	24-2	9482443	9553637	9529042	9521707	0.38	cps
Manganese	55-2	8758233	8875224	8755741	8796399	0.78	cps
Molybdenum	94-1	152184	151316	150498	151332	0.56	cps
Molybdenum	95-1	4998	4934	5021	4984	0.90	cps
Molybdenum	96-1	33335	33619	33351	33435	0.48	cps
Molybdenum	97-1	3074	3164	3154	3130	1.58	cps
Molybdenum	98-1	7896	7902	7695	7831	1.50	cps
Neodymium	150-1	249199	248036	246687	247974	0.51	cps
Neodymium	150-2	155749	154297	155575	155207	0.51	cps
Nickel	60-2	126693	127930	124985	126536	1.17	cps
Phosphorus	31-2	54159	53724	52984	53622	1.11	cps
Potassium	39-2	4231714	4212036	4186675	4210142	0.54	cps
Rhodium	103-1	14737379	14547577	14430166	14571707	1.06	cps
Rhodium	103-2	8864207	8778693	8801361	8814754	0.50	cps
Scandium	45-1	8948653	8854606	8847122	8883460	0.64	cps
Scandium	45-2	751920	750409	748149	750159	0.25	cps
Selenium	82-1	1148	1213	1179	1180	2.74	cps
Selenium	77-2	403	397	400	400	0.83	cps
Selenium	78-2	910	897	947	918	2.82	cps
Silicon	28-1	17700043	17571296	17447348	17572896	0.72	cps
Silver	107-1	15098	15148	15111	15119	0.17	cps
Silver	109-1	14627	14180	14581	14463	1.70	cps
Sodium	23-2	120970	122758	120846	121525	0.88	cps
Strontium	86-1	533691	534525	531821	533346	0.26	cps
Strontium	88-1	4742829	4761617	4677373	4727273	0.94	cps
Sulfur	34-1	320309	326568	328277	325051	1.29	cps
Terbium	159-1	19539590	19553504	19123285	19405460	1.26	cps
Terbium	159-2	13980922	13760217	13787932	13843024	0.87	cps
Thallium	203-1	4951	4821	4881	4884	1.33	cps
Thallium	205-1	11568	11865	11555	11663	1.50	cps
Tin	118-1	20829	19965	18878	19891	4.92	cps
Titanium	47-1	1727771	1732724	1700147	1720214	1.02	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ41	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:50:50	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33021	32904	32366	32764	1.07	cps
Vanadium	51-2	471986	473302	468598	471295	0.52	cps
Yttrium	89-1	20694149	20519963	20401301	20538471	0.72	cps
Yttrium	89-2	5632194	5550097	5601628	5594640	0.74	cps
Zinc	66-2	699063	699126	696473	698221	0.22	cps
Zirconium	90-1	400900	403432	399181	401171	0.53	cps
Zirconium	91-1	89913	88887	88414	89071	0.86	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ42	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:53:53	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9327840	9276663	9173561	9259355	0.85	cps
Antimony	121-1	4334	4094	4294	4241	3.03	cps
Arsenic	75-2	48566	47800	48529	48298	0.89	cps
Barium	135-1	1518825	1514628	1510535	1514662	0.27	cps
Barium	137-1	2652242	2686107	2633061	2657137	1.01	cps
Beryllium	9-1	1817	1823	1903	1848	2.61	cps
Bismuth	209-1	11292882	11003013	11071193	11122363	1.36	cps
Bismuth	209-2	9714230	9755583	9701222	9723679	0.29	cps
Bromine	81-1	16746	16363	16673	16594	1.23	cps
Bromine	81-2	567	540	593	567	4.71	cps
Cadmium	108-1	753	780	763	766	1.76	cps
Cadmium	106-1	6498	6171	6118	6263	3.29	cps
Cadmium	111-1	10733	10436	10550	10573	1.42	cps
Calcium	43-1	844737	841709	839856	842101	0.29	cps
Calcium	44-1	13172056	13167477	13080701	13140078	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231154	229521	233277	231317	0.81	cps
Cobalt	59-2	255354	252165	254798	254106	0.67	cps
Copper	63-2	911406	910160	908146	909904	0.18	cps
Dysprosium	156-1	118602	117758	116081	117480	1.09	cps
Dysprosium	156-2	106671	106406	107726	106934	0.65	cps
Erbium	164-1	99924	100646	98618	99729	1.03	cps
Erbium	164-2	73730	74319	73391	73814	0.64	cps
Gadolinium	160-1	112029	113535	113155	112906	0.69	cps
Gadolinium	160-2	86807	87407	87591	87268	0.47	cps
Holmium	165-1	18919932	18672608	18653203	18748581	0.79	cps
Holmium	165-2	13737198	13901959	13709785	13782981	0.75	cps
Indium	115-1	15612300	15296759	15345445	15418168	1.10	cps
Indium	115-2	5703539	5701380	5747517	5717479	0.46	cps
Iron	56-2	276884309	274135203	274475349	275164954	0.54	cps
Iron	57-2	6831481	6786552	6750962	6789665	0.59	cps
Iron	54-2	14881341	14821706	14837193	14846747	0.21	cps
Krypton	83-1	407	493	513	471	12.04	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ42	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:53:53	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1618676	1618611	1627576	1621621	0.32	cps
Lead	207-1	1425125	1429400	1419316	1424614	0.36	cps
Lead	208-1	5261763	5271289	5248961	5260671	0.21	cps
Lithium	6-1	1943830	1912845	1906278	1920984	1.04	cps
Magnesium	24-2	7640062	7649796	7617068	7635642	0.22	cps
Manganese	55-2	7577059	7491193	7574567	7547606	0.65	cps
Molybdenum	94-1	150184	150538	146648	149123	1.44	cps
Molybdenum	95-1	4804	4517	4414	4579	4.41	cps
Molybdenum	96-1	32022	32529	31871	32141	1.07	cps
Molybdenum	97-1	2817	2750	2777	2781	1.21	cps
Molybdenum	98-1	7078	6748	6855	6894	2.44	cps
Neodymium	150-1	204599	202933	205275	204269	0.59	cps
Neodymium	150-2	129414	128133	128334	128627	0.54	cps
Nickel	60-2	103195	101178	102265	102213	0.99	cps
Phosphorus	31-2	44267	44498	43739	44168	0.88	cps
Potassium	39-2	5418182	5329749	5384966	5377632	0.83	cps
Rhodium	103-1	14688042	14515505	14191274	14464940	1.74	cps
Rhodium	103-2	8735515	8652247	8641211	8676324	0.59	cps
Scandium	45-1	8798395	8872712	8692408	8787838	1.03	cps
Scandium	45-2	741873	741926	746810	743536	0.38	cps
Selenium	82-1	1094	890	791	925	16.71	cps
Selenium	77-2	350	330	330	337	3.43	cps
Selenium	78-2	893	880	877	883	1.00	cps
Silicon	28-1	22942788	18758364	18609739	20103630	12.24	cps
Silver	107-1	9720	9793	9503	9672	1.56	cps
Silver	109-1	9050	9303	8983	9112	1.85	cps
Sodium	23-2	130940	128877	129831	129883	0.80	cps
Strontium	86-1	502558	500865	495369	499597	0.75	cps
Strontium	88-1	4452605	4424826	4407313	4428248	0.52	cps
Sulfur	34-1	260660	256026	252181	256289	1.66	cps
Terbium	159-1	19416150	19231065	19080004	19242406	0.87	cps
Terbium	159-2	13520886	13720279	13846122	13695762	1.20	cps
Thallium	203-1	4571	4597	4511	4560	0.97	cps
Thallium	205-1	10694	10858	10361	10638	2.38	cps
Tin	118-1	17671	17918	17289	17626	1.80	cps
Titanium	47-1	1028275	1020205	1017451	1021977	0.55	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ42	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:53:53	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29660	28771	29205	29212	1.52	cps
Vanadium	51-2	414537	409685	409106	411109	0.73	cps
Yttrium	89-1	20136246	20090568	19777749	20001521	0.98	cps
Yttrium	89-2	5400201	5367971	5356625	5374932	0.42	cps
Zinc	66-2	485779	482839	480265	482961	0.57	cps
Zirconium	90-1	399375	401029	395205	398536	0.75	cps
Zirconium	91-1	90255	87693	88159	88702	1.54	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ43	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:56:58	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11254814	11122420	11017574	11131603	1.07	cps
Antimony	121-1	3077	3094	3260	3144	3.23	cps
Arsenic	75-2	573682	573144	572591	573139	0.10	cps
Barium	135-1	1693034	1722720	1729218	1714991	1.12	cps
Barium	137-1	2968489	2950727	2901458	2940225	1.18	cps
Beryllium	9-1	2277	2257	2230	2255	1.04	cps
Bismuth	209-1	11477506	11049881	11036229	11187872	2.24	cps
Bismuth	209-2	9738559	9708257	9699745	9715520	0.21	cps
Bromine	81-1	15909	16963	16726	16533	3.35	cps
Bromine	81-2	527	447	540	504	10.01	cps
Cadmium	108-1	723	867	837	809	9.35	cps
Cadmium	106-1	6582	6255	6161	6333	3.48	cps
Cadmium	111-1	10359	10520	10242	10374	1.34	cps
Calcium	43-1	1311641	1318820	1305270	1311910	0.52	cps
Calcium	44-1	20961038	21326807	20820934	21036260	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	288781	288029	287332	288048	0.25	cps
Cobalt	59-2	301374	300596	300890	300953	0.13	cps
Copper	63-2	841989	840046	838148	840061	0.23	cps
Dysprosium	156-1	136943	139982	137562	138163	1.16	cps
Dysprosium	156-2	124685	123985	124936	124535	0.40	cps
Erbium	164-1	116071	118362	118399	117611	1.13	cps
Erbium	164-2	87834	86965	86743	87181	0.66	cps
Gadolinium	160-1	130285	134054	132331	132223	1.43	cps
Gadolinium	160-2	102911	102468	102075	102484	0.41	cps
Holmium	165-1	19035130	18542218	18444253	18673867	1.70	cps
Holmium	165-2	13892714	13737484	13739066	13789755	0.65	cps
Indium	115-1	15759720	15325487	15181573	15422260	1.95	cps
Indium	115-2	5731407	5791515	5721839	5748254	0.66	cps
Iron	56-2	327728428	324104455	320674102	324168995	1.09	cps
Iron	57-2	7944929	7982589	7971211	7966243	0.24	cps
Iron	54-2	17613261	17382784	17400188	17465411	0.73	cps
Krypton	83-1	480	467	483	477	1.85	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ43	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:56:58	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1734491	1753926	1735734	1741384	0.62	cps
Lead	207-1	1577450	1594620	1577648	1583240	0.62	cps
Lead	208-1	5778389	5788439	5721663	5762830	0.62	cps
Lithium	6-1	1935473	1877586	1887560	1900206	1.63	cps
Magnesium	24-2	9333080	9221884	9224213	9259725	0.69	cps
Manganese	55-2	8532811	8426189	8406874	8455291	0.80	cps
Molybdenum	94-1	149238	151417	150353	150336	0.72	cps
Molybdenum	95-1	3841	3701	3797	3779	1.90	cps
Molybdenum	96-1	31598	33117	31257	31991	3.10	cps
Molybdenum	97-1	2287	2444	2247	2326	4.47	cps
Molybdenum	98-1	5938	5821	5738	5832	1.72	cps
Neodymium	150-1	238407	238590	239175	238724	0.17	cps
Neodymium	150-2	151005	149877	149493	150125	0.52	cps
Nickel	60-2	126310	124518	125325	125384	0.72	cps
Phosphorus	31-2	46684	45952	45467	46035	1.33	cps
Potassium	39-2	4129502	4088970	4047359	4088610	1.00	cps
Rhodium	103-1	14811261	14347125	14276770	14478385	2.01	cps
Rhodium	103-2	8699337	8720216	8655791	8691781	0.38	cps
Scandium	45-1	9019354	8916422	8674007	8869928	2.00	cps
Scandium	45-2	749398	744294	744818	746170	0.38	cps
Selenium	82-1	1028	1068	930	1009	7.03	cps
Selenium	77-2	407	433	337	392	12.73	cps
Selenium	78-2	817	967	897	893	8.40	cps
Silicon	28-1	20893430	20901403	20825157	20873330	0.20	cps
Silver	107-1	8446	8929	8559	8645	2.93	cps
Silver	109-1	8212	7812	8039	8021	2.50	cps
Sodium	23-2	118558	117722	119385	118555	0.70	cps
Strontium	86-1	594659	602650	599029	598779	0.67	cps
Strontium	88-1	5255238	5331062	5313481	5299927	0.75	cps
Sulfur	34-1	239278	240479	241478	240412	0.46	cps
Terbium	159-1	19253766	19281500	18932154	19155807	1.01	cps
Terbium	159-2	13543155	13607279	13568091	13572842	0.24	cps
Thallium	203-1	4524	4531	4424	4493	1.33	cps
Thallium	205-1	10891	11355	10821	11022	2.63	cps
Tin	118-1	17514	14701	16368	16194	8.73	cps
Titanium	47-1	895360	904872	893765	897999	0.67	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ43	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 17:56:58	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33532	33860	33255	33549	0.90	cps
Vanadium	51-2	502691	498320	495702	498904	0.71	cps
Yttrium	89-1	20468775	20212002	19930776	20203851	1.33	cps
Yttrium	89-2	5536110	5521862	5466354	5508109	0.67	cps
Zinc	66-2	451248	448799	447159	449069	0.46	cps
Zirconium	90-1	400952	402223	397992	400389	0.54	cps
Zirconium	91-1	90118	90943	89648	90236	0.73	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ44	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:00:02	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8981616	8794981	8778244	8851614	1.28	cps
Antimony	121-1	4537	4424	4611	4524	2.08	cps
Arsenic	75-2	51934	52636	52907	52492	0.96	cps
Barium	135-1	1135956	1128218	1117363	1127179	0.83	cps
Barium	137-1	1977032	1978145	1979306	1978161	0.06	cps
Beryllium	9-1	1780	1683	1657	1707	3.80	cps
Bismuth	209-1	11488807	11288532	11072338	11283226	1.85	cps
Bismuth	209-2	9815647	9950279	9659785	9808571	1.48	cps
Bromine	81-1	16376	16309	16212	16299	0.50	cps
Bromine	81-2	757	687	743	729	5.10	cps
Cadmium	108-1	633	637	550	607	8.09	cps
Cadmium	106-1	6088	5898	5691	5892	3.37	cps
Cadmium	111-1	9800	9231	8803	9278	5.39	cps
Calcium	43-1	791597	783771	782699	786022	0.62	cps
Calcium	44-1	12498439	12285485	12088444	12290789	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	234898	235856	234411	235055	0.31	cps
Cobalt	59-2	254306	252049	253608	253321	0.46	cps
Copper	63-2	821567	819422	813832	818273	0.49	cps
Dysprosium	156-1	117853	117772	116565	117396	0.61	cps
Dysprosium	156-2	104421	107443	105506	105790	1.45	cps
Erbium	164-1	98729	97440	96866	97678	0.98	cps
Erbium	164-2	72369	71220	71833	71807	0.80	cps
Gadolinium	160-1	112369	112564	111250	112061	0.63	cps
Gadolinium	160-2	85422	86076	86528	86009	0.65	cps
Holmium	165-1	18924621	18516502	18410626	18617250	1.46	cps
Holmium	165-2	13867589	14054902	13879980	13934157	0.75	cps
Indium	115-1	15760479	15432062	15261162	15484567	1.64	cps
Indium	115-2	5787301	5786012	5796213	5789842	0.10	cps
Iron	56-2	312539202	309889469	310935829	311121500	0.43	cps
Iron	57-2	7688697	7702575	7649626	7680300	0.36	cps
Iron	54-2	16811460	16730953	16842099	16794837	0.34	cps
Krypton	83-1	397	510	420	442	13.53	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ44	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:00:02	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1041427	1038326	1033781	1037844	0.37	cps
Lead	207-1	930635	930939	923295	928290	0.47	cps
Lead	208-1	3420881	3409181	3382576	3404213	0.58	cps
Lithium	6-1	1933395	1889650	1868779	1897274	1.74	cps
Magnesium	24-2	7543909	7602624	7542842	7563125	0.45	cps
Manganese	55-2	7431514	7431761	7418250	7427175	0.10	cps
Molybdenum	94-1	113932	114200	112242	113458	0.94	cps
Molybdenum	95-1	6195	6051	6398	6215	2.80	cps
Molybdenum	96-1	28398	28581	28090	28356	0.87	cps
Molybdenum	97-1	3967	3954	3971	3964	0.22	cps
Molybdenum	98-1	9660	9780	9710	9717	0.62	cps
Neodymium	150-1	208178	206394	206175	206915	0.53	cps
Neodymium	150-2	129989	127910	128906	128935	0.81	cps
Nickel	60-2	93066	93301	92697	93022	0.33	cps
Phosphorus	31-2	58160	58116	59217	58498	1.07	cps
Potassium	39-2	5918205	5873368	5889848	5893807	0.38	cps
Rhodium	103-1	14632267	14445483	14432219	14503323	0.77	cps
Rhodium	103-2	8900684	8758657	8780272	8813204	0.87	cps
Scandium	45-1	8871212	8734282	8586952	8730815	1.63	cps
Scandium	45-2	744542	743533	741322	743132	0.22	cps
Selenium	82-1	1041	951	929	974	6.10	cps
Selenium	77-2	347	287	280	304	12.06	cps
Selenium	78-2	857	790	863	837	4.85	cps
Silicon	28-1	15422724	15389927	15310336	15374329	0.38	cps
Silver	107-1	7055	7185	7015	7085	1.25	cps
Silver	109-1	6235	6335	6355	6308	1.02	cps
Sodium	23-2	157025	158105	156563	157231	0.50	cps
Strontium	86-1	520146	520913	512293	517784	0.92	cps
Strontium	88-1	4628172	4591099	4584104	4601125	0.51	cps
Sulfur	34-1	227498	227066	223983	226182	0.85	cps
Terbium	159-1	19591603	19192403	18833537	19205848	1.97	cps
Terbium	159-2	13718476	13609964	13521336	13616592	0.73	cps
Thallium	203-1	3807	4054	3904	3922	3.17	cps
Thallium	205-1	8886	9320	8786	8997	3.15	cps
Tin	118-1	12337	11514	11295	11715	4.69	cps
Titanium	47-1	1192393	1185435	1174799	1184209	0.75	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ44	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:00:02	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32891	32901	32219	32670	1.20	cps
Vanadium	51-2	447752	446849	448575	447725	0.19	cps
Yttrium	89-1	20150494	19885864	19810875	19949078	0.89	cps
Yttrium	89-2	5481857	5451275	5471016	5468049	0.28	cps
Zinc	66-2	445803	444468	446738	445670	0.26	cps
Zirconium	90-1	299858	296293	294201	296784	0.96	cps
Zirconium	91-1	66329	66269	66185	66261	0.11	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ45	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:03:07	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9354013	9407995	9385239	9382416	0.29	cps
Antimony	121-1	1797	1740	1583	1707	6.48	cps
Arsenic	75-2	31260	31116	31494	31290	0.61	cps
Barium	135-1	1613444	1558515	1551968	1574642	2.14	cps
Barium	137-1	2761668	2766072	2684541	2737427	1.68	cps
Beryllium	9-1	2110	1947	1943	2000	4.76	cps
Bismuth	209-1	11650578	11626853	11424539	11567323	1.07	cps
Bismuth	209-2	9981747	9900934	9859539	9914073	0.63	cps
Bromine	81-1	16256	16496	16232	16328	0.89	cps
Bromine	81-2	560	623	450	544	16.11	cps
Cadmium	108-1	617	610	673	633	5.49	cps
Cadmium	106-1	6381	5988	6075	6148	3.36	cps
Cadmium	111-1	10500	10126	9932	10186	2.83	cps
Calcium	43-1	885697	887612	879991	884433	0.45	cps
Calcium	44-1	13972270	13946335	13882266	13933624	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	236930	236984	236049	236654	0.22	cps
Cobalt	59-2	258683	259034	255693	257804	0.71	cps
Copper	63-2	949594	943381	946270	946415	0.33	cps
Dysprosium	156-1	128619	128487	125635	127581	1.32	cps
Dysprosium	156-2	116263	115688	114848	115600	0.62	cps
Erbium	164-1	107583	107543	106827	107318	0.40	cps
Erbium	164-2	78113	78696	79052	78620	0.60	cps
Gadolinium	160-1	123569	121851	120065	121828	1.44	cps
Gadolinium	160-2	95432	94066	93902	94467	0.89	cps
Holmium	165-1	19542358	19208107	19042716	19264394	1.32	cps
Holmium	165-2	14159996	14198847	13753840	14037561	1.76	cps
Indium	115-1	16258657	15785992	15608146	15884265	2.12	cps
Indium	115-2	5884071	5776659	5832806	5831179	0.92	cps
Iron	56-2	266879176	268384676	269495329	268253060	0.49	cps
Iron	57-2	6687985	6661672	6638150	6662602	0.37	cps
Iron	54-2	14524384	14654454	14542913	14573917	0.48	cps
Krypton	83-1	493	450	427	457	7.41	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ45	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:03:07	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6166788	6146567	6142933	6152096	0.21	cps
Lead	207-1	5565073	5544253	5610134	5573153	0.60	cps
Lead	208-1	19909913	19830465	19820440	19853606	0.25	cps
Lithium	6-1	1960780	1953955	1927770	1947502	0.89	cps
Magnesium	24-2	7785535	7734563	7738141	7752746	0.37	cps
Manganese	55-2	7534142	7511994	7596452	7547529	0.58	cps
Molybdenum	94-1	70364	68703	68258	69109	1.61	cps
Molybdenum	95-1	1977	1970	1930	1959	1.29	cps
Molybdenum	96-1	15949	16296	16192	16146	1.10	cps
Molybdenum	97-1	1157	1303	1077	1179	9.75	cps
Molybdenum	98-1	2894	2850	2680	2808	4.02	cps
Neodymium	150-1	227323	224634	222742	224900	1.02	cps
Neodymium	150-2	140317	139152	140610	140026	0.55	cps
Nickel	60-2	111117	109463	110530	110370	0.76	cps
Phosphorus	31-2	39120	38635	38879	38878	0.62	cps
Potassium	39-2	3594980	3624849	3593671	3604500	0.49	cps
Rhodium	103-1	15230920	14824665	14590527	14882037	2.18	cps
Rhodium	103-2	8943511	8748235	8918562	8870103	1.20	cps
Scandium	45-1	9167945	8934219	8892514	8998226	1.65	cps
Scandium	45-2	760264	759826	755258	758449	0.37	cps
Selenium	82-1	1028	1091	1032	1050	3.37	cps
Selenium	77-2	397	357	403	386	6.55	cps
Selenium	78-2	813	867	753	811	6.99	cps
Silicon	28-1	14486658	14450994	14430810	14456154	0.20	cps
Silver	107-1	9747	9670	9897	9771	1.18	cps
Silver	109-1	9250	9266	9293	9270	0.24	cps
Sodium	23-2	117484	116127	117531	117047	0.68	cps
Strontium	86-1	396853	397198	389281	394444	1.13	cps
Strontium	88-1	3547074	3512685	3472593	3510784	1.06	cps
Sulfur	34-1	199946	200170	200591	200236	0.16	cps
Terbium	159-1	20091991	19766961	19565258	19808070	1.34	cps
Terbium	159-2	14049702	13993259	13894379	13979113	0.56	cps
Thallium	203-1	3551	3577	3781	3636	3.46	cps
Thallium	205-1	8956	8616	8683	8752	2.06	cps
Tin	118-1	9379	8191	8392	8654	7.35	cps
Titanium	47-1	362309	362293	358693	361098	0.58	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ45	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:03:07	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29252	29489	28597	29113	1.59	cps
Vanadium	51-2	423820	423556	424588	423988	0.13	cps
Yttrium	89-1	20848122	20624654	20718733	20730503	0.54	cps
Yttrium	89-2	5601139	5634362	5582571	5606024	0.47	cps
Zinc	66-2	531649	533440	532698	532596	0.17	cps
Zirconium	90-1	184635	184047	181141	183274	1.02	cps
Zirconium	91-1	40559	40529	40472	40520	0.11	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ46	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:06:12	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7504485	7509796	7568190	7527490	0.47	cps
Antimony	121-1	13430	13463	13600	13498	0.67	cps
Arsenic	75-2	33210	33314	33849	33458	1.02	cps
Barium	135-1	1212213	1196146	1194572	1200977	0.81	cps
Barium	137-1	2099864	2103345	2069337	2090849	0.89	cps
Beryllium	9-1	1657	1597	1670	1641	2.38	cps
Bismuth	209-1	11752203	11626956	11384705	11587955	1.61	cps
Bismuth	209-2	9878228	10106390	9910196	9964938	1.24	cps
Bromine	81-1	15668	16302	15885	15952	2.02	cps
Bromine	81-2	453	490	497	480	4.86	cps
Cadmium	108-1	470	487	450	469	3.92	cps
Cadmium	106-1	5728	5885	5658	5757	2.02	cps
Cadmium	111-1	7578	7436	7563	7525	1.04	cps
Calcium	43-1	1311615	1292235	1313658	1305836	0.91	cps
Calcium	44-1	21658307	21287690	21195659	21380552	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	196611	194774	194957	195447	0.52	cps
Cobalt	59-2	217864	217568	219643	218358	0.51	cps
Copper	63-2	489604	488591	483646	487280	0.65	cps
Dysprosium	156-1	115328	115232	113336	114632	0.98	cps
Dysprosium	156-2	103547	102480	103847	103291	0.70	cps
Erbium	164-1	100088	99020	99098	99402	0.60	cps
Erbium	164-2	74259	73371	72370	73333	1.29	cps
Gadolinium	160-1	112208	111892	112178	112092	0.16	cps
Gadolinium	160-2	85680	84965	85810	85485	0.53	cps
Holmium	165-1	19382819	19280203	18898105	19187042	1.33	cps
Holmium	165-2	14067865	14071067	14071601	14070178	0.01	cps
Indium	115-1	16141844	15958793	15756547	15952395	1.21	cps
Indium	115-2	5959793	5900261	5902304	5920786	0.57	cps
Iron	56-2	240076250	239434770	237286276	238932432	0.61	cps
Iron	57-2	5983097	5933215	5894911	5937074	0.74	cps
Iron	54-2	12853813	12983930	12965203	12934316	0.54	cps
Krypton	83-1	400	400	400	400	0.00	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ46	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:06:12	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	918032	917044	913097	916058	0.29	cps
Lead	207-1	804201	799577	803151	802310	0.30	cps
Lead	208-1	2983832	2963653	2936155	2961213	0.81	cps
Lithium	6-1	1980665	1907403	1903342	1930470	2.25	cps
Magnesium	24-2	6852424	6854285	6813021	6839910	0.34	cps
Manganese	55-2	6578777	6634603	6575248	6596210	0.50	cps
Molybdenum	94-1	70073	69648	69380	69700	0.50	cps
Molybdenum	95-1	2530	2427	2644	2534	4.28	cps
Molybdenum	96-1	16503	16630	16046	16393	1.87	cps
Molybdenum	97-1	1483	1590	1457	1510	4.67	cps
Molybdenum	98-1	3644	3640	3404	3563	3.86	cps
Neodymium	150-1	201181	199925	195232	198779	1.58	cps
Neodymium	150-2	125940	124685	123213	124613	1.10	cps
Nickel	60-2	88657	88787	90222	89222	0.97	cps
Phosphorus	31-2	41590	41650	41703	41648	0.14	cps
Potassium	39-2	4572271	4545425	4559651	4559116	0.29	cps
Rhodium	103-1	15066383	14765889	14714201	14848825	1.28	cps
Rhodium	103-2	9063554	9004848	8952319	9006907	0.62	cps
Scandium	45-1	9107740	8923134	8874379	8968418	1.37	cps
Scandium	45-2	752382	752627	754610	753206	0.16	cps
Selenium	82-1	1185	1063	1047	1099	6.89	cps
Selenium	77-2	310	267	380	319	17.93	cps
Selenium	78-2	817	760	837	804	4.94	cps
Silicon	28-1	14191047	14115669	13835083	14047266	1.34	cps
Silver	107-1	3981	3987	4187	4052	2.90	cps
Silver	109-1	3641	3874	3737	3751	3.13	cps
Sodium	23-2	126746	126581	125603	126310	0.49	cps
Strontium	86-1	359226	354501	355560	356429	0.70	cps
Strontium	88-1	3173780	3191444	3165023	3176749	0.42	cps
Sulfur	34-1	229368	237227	237825	234807	2.01	cps
Terbium	159-1	20236705	19763374	19723022	19907701	1.43	cps
Terbium	159-2	13981767	13999361	13853934	13945021	0.57	cps
Thallium	203-1	3400	3294	3220	3305	2.74	cps
Thallium	205-1	8283	8086	8079	8149	1.42	cps
Tin	118-1	9520	9901	9964	9795	2.45	cps
Titanium	47-1	651521	643557	639849	644975	0.92	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ46	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:06:12	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26804	26186	26590	26527	1.18	cps
Vanadium	51-2	364266	363436	363379	363694	0.14	cps
Yttrium	89-1	20903353	20595751	20313416	20604173	1.43	cps
Yttrium	89-2	5600503	5546071	5591244	5579273	0.52	cps
Zinc	66-2	338142	335805	337000	336982	0.35	cps
Zirconium	90-1	185296	185110	183070	184492	0.67	cps
Zirconium	91-1	41271	41509	41221	41334	0.37	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ47	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:09:17	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6884457	6803648	6837462	6841856	0.59	cps
Antimony	121-1	1513	1387	1353	1418	5.95	cps
Arsenic	75-2	26744	26611	26103	26486	1.28	cps
Barium	135-1	1004994	1001322	997105	1001140	0.39	cps
Barium	137-1	1768124	1733048	1746895	1749356	1.01	cps
Beryllium	9-1	1460	1340	1360	1387	4.64	cps
Bismuth	209-1	12429759	11702900	11362457	11831705	4.61	cps
Bismuth	209-2	9910091	10022934	9783325	9905450	1.21	cps
Bromine	81-1	15752	16072	16386	16070	1.97	cps
Bromine	81-2	453	387	430	423	7.99	cps
Cadmium	108-1	273	397	340	337	18.34	cps
Cadmium	106-1	6241	5651	5741	5878	5.41	cps
Cadmium	111-1	7518	7002	7041	7187	4.00	cps
Calcium	43-1	1372020	1339785	1396394	1369400	2.07	cps
Calcium	44-1	22301020	22128171	22090970	22173387	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170299	171082	168594	169991	0.75	cps
Cobalt	59-2	204199	201950	203051	203067	0.55	cps
Copper	63-2	432649	430756	429171	430859	0.40	cps
Dysprosium	156-1	103263	104237	103699	103733	0.47	cps
Dysprosium	156-2	93552	93639	92572	93254	0.64	cps
Erbium	164-1	87626	87589	86928	87381	0.45	cps
Erbium	164-2	65291	65710	64501	65168	0.94	cps
Gadolinium	160-1	100363	99410	99762	99845	0.48	cps
Gadolinium	160-2	77617	76112	77181	76970	1.01	cps
Holmium	165-1	20900996	19231250	18889641	19673962	5.47	cps
Holmium	165-2	14026307	14055531	13875881	13985907	0.69	cps
Indium	115-1	17125962	15885957	15678578	16230166	4.82	cps
Indium	115-2	5963392	5924263	5792830	5893495	1.52	cps
Iron	56-2	213956023	211393350	211179017	212176130	0.73	cps
Iron	57-2	5305380	5265190	5244596	5271722	0.59	cps
Iron	54-2	11522828	11472504	11471530	11488954	0.26	cps
Krypton	83-1	487	423	380	430	12.48	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ47	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:09:17	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	919204	918368	904088	913887	0.93	cps
Lead	207-1	783062	789749	788559	787124	0.45	cps
Lead	208-1	2926737	2907832	2882813	2905794	0.76	cps
Lithium	6-1	2069088	1976958	1889425	1978490	4.54	cps
Magnesium	24-2	6364528	6302807	6298630	6321989	0.58	cps
Manganese	55-2	5856868	5749319	5797607	5801265	0.93	cps
Molybdenum	94-1	51718	52085	51848	51884	0.36	cps
Molybdenum	95-1	1893	2030	1987	1970	3.55	cps
Molybdenum	96-1	12689	12659	12769	12706	0.45	cps
Molybdenum	97-1	1243	1297	1247	1262	2.37	cps
Molybdenum	98-1	2990	2910	3134	3011	3.76	cps
Neodymium	150-1	183931	182721	180303	182318	1.01	cps
Neodymium	150-2	115189	113559	114678	114475	0.73	cps
Nickel	60-2	83377	83279	84094	83583	0.53	cps
Phosphorus	31-2	36504	36123	36266	36297	0.53	cps
Potassium	39-2	3967349	3935887	3924374	3942537	0.56	cps
Rhodium	103-1	16171542	14995571	14785171	15317428	4.88	cps
Rhodium	103-2	9011287	8963705	8808818	8927937	1.19	cps
Scandium	45-1	9743331	8923260	8835126	9167239	5.46	cps
Scandium	45-2	751797	752316	734524	746212	1.36	cps
Selenium	82-1	1077	1062	893	1010	10.13	cps
Selenium	77-2	293	300	297	297	1.12	cps
Selenium	78-2	783	857	810	817	4.55	cps
Silicon	28-1	15219744	14997193	15008712	15075217	0.83	cps
Silver	107-1	3390	3360	3661	3470	4.76	cps
Silver	109-1	3340	3144	3244	3243	3.03	cps
Sodium	23-2	96980	94517	95299	95599	1.32	cps
Strontium	86-1	312362	311150	308854	310789	0.57	cps
Strontium	88-1	2768714	2752375	2731977	2751022	0.67	cps
Sulfur	34-1	231738	239288	244116	238380	2.62	cps
Terbium	159-1	21425833	19687065	19384642	20165847	5.46	cps
Terbium	159-2	13909645	13858045	13699474	13822388	0.79	cps
Thallium	203-1	3050	3000	3114	3055	1.86	cps
Thallium	205-1	7279	7499	7589	7455	2.14	cps
Tin	118-1	6725	8942	7103	7590	15.63	cps
Titanium	47-1	615859	616935	610809	614534	0.53	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ47	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:09:17	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20409	21564	21307	21093	2.88	cps
Vanadium	51-2	336149	333528	333275	334317	0.48	cps
Yttrium	89-1	21984372	20409273	19984833	20792826	5.07	cps
Yttrium	89-2	5521178	5529932	5405042	5485384	1.27	cps
Zinc	66-2	293841	291838	292756	292812	0.34	cps
Zirconium	90-1	136787	138570	136500	137285	0.82	cps
Zirconium	91-1	30041	30766	30318	30375	1.20	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ48	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:12:25	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6418082	6430461	6363827	6404123	0.55	cps
Antimony	121-1	1577	1550	1540	1556	1.22	cps
Arsenic	75-2	25899	24824	25252	25325	2.14	cps
Barium	135-1	968525	957085	954034	959881	0.80	cps
Barium	137-1	1686479	1685899	1673902	1682093	0.42	cps
Beryllium	9-1	1360	1220	1227	1269	6.22	cps
Bismuth	209-1	11606831	11272528	11250947	11376769	1.75	cps
Bismuth	209-2	9876813	9797603	9938916	9871111	0.72	cps
Bromine	81-1	16272	16182	16209	16221	0.29	cps
Bromine	81-2	270	337	407	338	20.23	cps
Cadmium	108-1	487	423	427	446	8.00	cps
Cadmium	106-1	6168	6055	5638	5953	4.69	cps
Cadmium	111-1	7361	7609	7558	7509	1.75	cps
Calcium	43-1	1853325	1782300	1808336	1814653	1.98	cps
Calcium	44-1	29849058	29377619	29243875	29490184	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	150071	151946	150361	150793	0.67	cps
Cobalt	59-2	177169	180481	179152	178934	0.93	cps
Copper	63-2	461211	458172	455974	458452	0.57	cps
Dysprosium	156-1	90962	90744	89328	90345	0.98	cps
Dysprosium	156-2	81089	80814	80948	80950	0.17	cps
Erbium	164-1	76585	76206	74678	75823	1.33	cps
Erbium	164-2	56406	55269	55570	55748	1.06	cps
Gadolinium	160-1	85630	86347	85291	85756	0.63	cps
Gadolinium	160-2	66540	65927	65857	66108	0.57	cps
Holmium	165-1	19166321	19120246	18995841	19094136	0.46	cps
Holmium	165-2	14151284	14040966	13998742	14063664	0.56	cps
Indium	115-1	16119669	15839670	15655954	15871764	1.47	cps
Indium	115-2	5893188	5840463	5878160	5870604	0.46	cps
Iron	56-2	193653917	194060544	191318044	193010835	0.77	cps
Iron	57-2	4823172	4795954	4810168	4809765	0.28	cps
Iron	54-2	10505641	10370793	10356523	10410986	0.79	cps
Krypton	83-1	400	407	367	391	5.48	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ48	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:12:25	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	643694	635683	640238	639871	0.63	cps
Lead	207-1	565775	562169	555775	561240	0.90	cps
Lead	208-1	2031272	2010842	2007842	2016652	0.63	cps
Lithium	6-1	1985379	1933470	1948973	1955941	1.36	cps
Magnesium	24-2	6021011	6037368	5976702	6011694	0.52	cps
Manganese	55-2	5496920	5492865	5493205	5494330	0.04	cps
Molybdenum	94-1	60518	60400	60109	60342	0.35	cps
Molybdenum	95-1	2007	1877	1913	1932	3.47	cps
Molybdenum	96-1	14474	13970	14010	14151	1.98	cps
Molybdenum	97-1	1163	1183	1220	1189	2.42	cps
Molybdenum	98-1	3150	2704	2720	2858	8.86	cps
Neodymium	150-1	160336	156895	155918	157716	1.47	cps
Neodymium	150-2	97790	97434	96172	97132	0.88	cps
Nickel	60-2	77130	77217	77160	77169	0.06	cps
Phosphorus	31-2	32909	33490	32384	32928	1.68	cps
Potassium	39-2	3060364	3027647	3034814	3040942	0.57	cps
Rhodium	103-1	15022625	14771574	14676568	14823589	1.21	cps
Rhodium	103-2	9012831	8864681	8788571	8888695	1.28	cps
Scandium	45-1	9111889	8879144	8771040	8920691	1.95	cps
Scandium	45-2	752391	746977	740182	746517	0.82	cps
Selenium	82-1	973	1013	959	982	2.84	cps
Selenium	77-2	267	250	207	241	12.85	cps
Selenium	78-2	767	733	717	739	3.45	cps
Silicon	28-1	16112255	15983348	15377849	15824484	2.48	cps
Silver	107-1	3427	3550	3450	3476	1.89	cps
Silver	109-1	3330	3080	3164	3191	3.99	cps
Sodium	23-2	96825	97838	97748	97470	0.58	cps
Strontium	86-1	322733	318233	315736	318901	1.11	cps
Strontium	88-1	2882985	2788475	2837961	2836474	1.67	cps
Sulfur	34-1	249993	255098	255525	253539	1.21	cps
Terbium	159-1	19822503	19571230	19281481	19558405	1.38	cps
Terbium	159-2	13990010	13727790	13950353	13889384	1.02	cps
Thallium	203-1	2810	2957	2847	2871	2.66	cps
Thallium	205-1	6989	6955	7022	6989	0.48	cps
Tin	118-1	7736	7712	7819	7756	0.72	cps
Titanium	47-1	620305	612726	609063	614031	0.93	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ48	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:12:25	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18002	18563	17575	18047	2.75	cps
Vanadium	51-2	295676	291701	292353	293243	0.73	cps
Yttrium	89-1	20288458	20103773	19828530	20073587	1.15	cps
Yttrium	89-2	5472418	5456345	5518765	5482509	0.59	cps
Zinc	66-2	265904	261062	261119	262695	1.06	cps
Zirconium	90-1	161847	159910	159360	160372	0.81	cps
Zirconium	91-1	36315	35770	35259	35781	1.48	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ49	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:15:30	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9314344	9244375	9269636	9276119	0.38	cps
Antimony	121-1	2440	2380	2197	2339	5.42	cps
Arsenic	75-2	36872	36505	35636	36338	1.75	cps
Barium	135-1	1556071	1537237	1535331	1542880	0.74	cps
Barium	137-1	2723878	2718535	2707646	2716686	0.30	cps
Beryllium	9-1	2037	1940	2157	2045	5.31	cps
Bismuth	209-1	11733493	11403353	11369096	11501981	1.75	cps
Bismuth	209-2	9892443	9912027	9766364	9856945	0.80	cps
Bromine	81-1	17153	17467	17153	17258	1.05	cps
Bromine	81-2	563	520	487	523	7.35	cps
Cadmium	108-1	760	620	717	699	10.26	cps
Cadmium	106-1	6755	6275	6288	6439	4.25	cps
Cadmium	111-1	11208	10717	10822	10916	2.37	cps
Calcium	43-1	1055639	1054532	1041704	1050625	0.74	cps
Calcium	44-1	16654594	16370359	16388256	16471070	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	238796	237491	238368	238218	0.28	cps
Cobalt	59-2	267237	268186	267253	267559	0.20	cps
Copper	63-2	1276247	1265432	1260760	1267480	0.63	cps
Dysprosium	156-1	124846	122558	122996	123467	0.98	cps
Dysprosium	156-2	110638	110785	110749	110724	0.07	cps
Erbium	164-1	103825	103990	101854	103223	1.15	cps
Erbium	164-2	76974	75878	76618	76490	0.73	cps
Gadolinium	160-1	119796	117686	114936	117473	2.07	cps
Gadolinium	160-2	91895	90419	89977	90764	1.11	cps
Holmium	165-1	19720121	18957696	19004000	19227272	2.22	cps
Holmium	165-2	14108755	14137921	14052500	14099725	0.31	cps
Indium	115-1	16179393	15745821	15540689	15821968	2.06	cps
Indium	115-2	5851799	5815471	5783505	5816925	0.59	cps
Iron	56-2	264241556	263937823	262273376	263484252	0.40	cps
Iron	57-2	6588391	6620868	6600029	6603096	0.25	cps
Iron	54-2	14313911	14359764	14291076	14321584	0.24	cps
Krypton	83-1	380	443	380	401	9.12	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ49	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:15:30	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2095019	2115986	2068669	2093225	1.13	cps
Lead	207-1	1861140	1760019	1851648	1824269	3.06	cps
Lead	208-1	6705708	6555806	6645241	6635585	1.14	cps
Lithium	6-1	1948223	1934027	1931198	1937816	0.47	cps
Magnesium	24-2	7765547	7634011	7769477	7723011	1.00	cps
Manganese	55-2	7678434	7703862	7684253	7688850	0.17	cps
Molybdenum	94-1	79551	79028	77782	78787	1.15	cps
Molybdenum	95-1	2244	2290	2204	2246	1.93	cps
Molybdenum	96-1	17681	18028	17454	17721	1.63	cps
Molybdenum	97-1	1350	1367	1437	1385	3.32	cps
Molybdenum	98-1	3517	3377	3224	3373	4.35	cps
Neodymium	150-1	214608	215319	212846	214258	0.59	cps
Neodymium	150-2	134178	131924	133563	133221	0.87	cps
Nickel	60-2	111225	109197	108338	109587	1.35	cps
Phosphorus	31-2	38445	38224	37833	38168	0.81	cps
Potassium	39-2	4642644	4564672	4610832	4606049	0.85	cps
Rhodium	103-1	15359349	14762485	14668216	14930017	2.51	cps
Rhodium	103-2	8936791	8901649	8860804	8899748	0.43	cps
Scandium	45-1	9247334	8984754	8872726	9034938	2.13	cps
Scandium	45-2	752915	743490	740093	745500	0.89	cps
Selenium	82-1	1154	966	1045	1055	8.95	cps
Selenium	77-2	357	333	340	343	3.50	cps
Selenium	78-2	877	910	850	879	3.42	cps
Silicon	28-1	19932167	19792580	19771409	19832052	0.44	cps
Silver	107-1	10521	10257	10517	10432	1.45	cps
Silver	109-1	10047	9470	9446	9654	3.52	cps
Sodium	23-2	115254	113266	113843	114121	0.90	cps
Strontium	86-1	457790	447367	449074	451410	1.24	cps
Strontium	88-1	4093167	3979902	4009577	4027549	1.46	cps
Sulfur	34-1	254180	246114	241156	247150	2.66	cps
Terbium	159-1	20203845	19868413	19265821	19779360	2.40	cps
Terbium	159-2	13807535	13918620	13778131	13834762	0.54	cps
Thallium	203-1	3914	4257	4034	4068	4.28	cps
Thallium	205-1	9673	9877	9850	9800	1.13	cps
Tin	118-1	9159	8390	8587	8712	4.59	cps
Titanium	47-1	516538	507617	504193	509449	1.25	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ49	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:15:30	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28992	28764	27809	28522	2.20	cps
Vanadium	51-2	396154	393599	394929	394894	0.32	cps
Yttrium	89-1	21311262	20443735	20307548	20687515	2.63	cps
Yttrium	89-2	5512635	5475891	5529557	5506028	0.50	cps
Zinc	66-2	429427	430225	426032	428561	0.52	cps
Zirconium	90-1	212755	209199	207542	209832	1.27	cps
Zirconium	91-1	47396	45948	45758	46367	1.93	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ50	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:18:36	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12959733	12841256	12982952	12927980	0.59	cps
Antimony	121-1	6992	6928	6948	6956	0.47	cps
Arsenic	75-2	66843	66772	66518	66711	0.26	cps
Barium	135-1	2246083	2236371	2270015	2250823	0.77	cps
Barium	137-1	3874262	3885482	3841907	3867217	0.59	cps
Beryllium	9-1	1447	1387	1363	1399	3.07	cps
Bismuth	209-1	11909043	11248365	11106428	11421279	3.75	cps
Bismuth	209-2	9723637	9622636	9636955	9661076	0.57	cps
Bromine	81-1	16599	16149	16189	16312	1.53	cps
Bromine	81-2	463	507	577	516	11.09	cps
Cadmium	108-1	740	637	647	674	8.45	cps
Cadmium	106-1	6345	6035	5308	5896	9.03	cps
Cadmium	111-1	10078	10227	9111	9805	6.18	cps
Calcium	43-1	322742	330354	324155	325750	1.24	cps
Calcium	44-1	5006821	5190125	5128231	5108392	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	691137	687170	684194	687501	0.51	cps
Cobalt	59-2	831905	833045	827275	830742	0.37	cps
Copper	63-2	1898435	1883274	1862258	1881322	0.97	cps
Dysprosium	156-1	72014	73183	71936	72377	0.96	cps
Dysprosium	156-2	65117	66473	66510	66033	1.20	cps
Erbium	164-1	53582	54281	53860	53908	0.65	cps
Erbium	164-2	40589	40097	39944	40210	0.84	cps
Gadolinium	160-1	63828	65448	64427	64568	1.27	cps
Gadolinium	160-2	50333	49755	49728	49939	0.69	cps
Holmium	165-1	20280477	18769945	18649828	19233417	4.72	cps
Holmium	165-2	13846982	13783845	13783292	13804706	0.27	cps
Indium	115-1	16825698	15543892	15260471	15876687	5.25	cps
Indium	115-2	5829348	5776922	5729194	5778488	0.87	cps
Iron	56-2	563700472	564240192	562905178	563615280	0.12	cps
Iron	57-2	14157683	13973598	13888694	14006658	0.98	cps
Iron	54-2	31061021	30806129	30693031	30853394	0.61	cps
Krypton	83-1	383	373	310	356	11.18	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ50	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:18:36	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1018393	1031044	1033231	1027556	0.78	cps
Lead	207-1	905110	931392	918910	918471	1.43	cps
Lead	208-1	3329281	3418292	3387452	3378341	1.34	cps
Lithium	6-1	2086380	1910767	1891085	1962744	5.48	cps
Magnesium	24-2	13002342	13028420	12970434	13000399	0.22	cps
Manganese	55-2	56526404	55941971	55918644	56129006	0.61	cps
Molybdenum	94-1	94221	95962	95010	95064	0.92	cps
Molybdenum	95-1	10347	10197	10477	10340	1.36	cps
Molybdenum	96-1	29991	30819	29914	30241	1.66	cps
Molybdenum	97-1	5778	5725	6045	5849	2.93	cps
Molybdenum	98-1	14597	14928	14521	14682	1.47	cps
Neodymium	150-1	118974	119652	118873	119166	0.36	cps
Neodymium	150-2	74961	74670	75299	74977	0.42	cps
Nickel	60-2	226925	226873	222942	225580	1.01	cps
Phosphorus	31-2	21912	21969	21799	21894	0.40	cps
Potassium	39-2	4070844	4053500	4054472	4059605	0.24	cps
Rhodium	103-1	15782885	14480064	14340826	14867925	5.35	cps
Rhodium	103-2	8822328	8810450	8726550	8786442	0.59	cps
Scandium	45-1	9659415	9157294	8919210	9245307	4.09	cps
Scandium	45-2	757877	754613	753644	755378	0.29	cps
Selenium	82-1	943	876	833	884	6.31	cps
Selenium	77-2	180	167	167	171	4.50	cps
Selenium	78-2	703	680	647	677	4.21	cps
Silicon	28-1	17572002	18085258	18134773	17930678	1.74	cps
Silver	107-1	5908	6045	6215	6056	2.54	cps
Silver	109-1	5601	5361	5765	5576	3.64	cps
Sodium	23-2	126958	126471	126672	126700	0.19	cps
Strontium	86-1	371482	378747	372430	374220	1.06	cps
Strontium	88-1	3317759	3358858	3327657	3334758	0.64	cps
Sulfur	34-1	188686	183679	181433	184599	2.01	cps
Terbium	159-1	20653423	19392547	19133744	19726571	4.12	cps
Terbium	159-2	13659723	13659009	13673449	13664060	0.06	cps
Thallium	203-1	4374	4611	4621	4535	3.08	cps
Thallium	205-1	10738	10911	11025	10891	1.33	cps
Tin	118-1	9900	9854	10666	10140	4.50	cps
Titanium	47-1	2073600	2154074	2136846	2121507	2.00	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ50	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:18:36	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31841	32249	32406	32166	0.91	cps
Vanadium	51-2	946125	943062	941515	943567	0.25	cps
Yttrium	89-1	21006740	19455898	18969072	19810570	5.37	cps
Yttrium	89-2	5257460	5245739	5210494	5237898	0.47	cps
Zinc	66-2	408972	408892	403617	407160	0.75	cps
Zirconium	90-1	241839	245190	242381	243137	0.74	cps
Zirconium	91-1	53112	55391	53246	53916	2.37	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ51	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:21:37	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13488465	13511684	13508007	13502719	0.09	cps
Antimony	121-1	15805	16229	15876	15970	1.42	cps
Arsenic	75-2	81365	82903	82025	82097	0.94	cps
Barium	135-1	2165194	2192712	2113970	2157292	1.85	cps
Barium	137-1	3687248	3701159	3677040	3688482	0.33	cps
Beryllium	9-1	2590	2427	2464	2494	3.44	cps
Bismuth	209-1	11464186	10684360	11054335	11067627	3.52	cps
Bismuth	209-2	9707008	9661222	9575497	9647909	0.69	cps
Bromine	81-1	16950	17327	16936	17071	1.30	cps
Bromine	81-2	837	870	887	864	2.95	cps
Cadmium	108-1	1047	977	973	999	4.15	cps
Cadmium	106-1	7105	6622	6692	6806	3.84	cps
Cadmium	111-1	12673	12507	12479	12553	0.84	cps
Calcium	43-1	2258281	2280745	2227104	2255377	1.19	cps
Calcium	44-1	36580977	36912018	36309176	36600724	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	367409	369239	368734	368461	0.26	cps
Cobalt	59-2	340755	337489	340034	339426	0.51	cps
Copper	63-2	917006	919319	908559	914961	0.62	cps
Dysprosium	156-1	138454	139963	137714	138710	0.83	cps
Dysprosium	156-2	124879	125962	128115	126318	1.30	cps
Erbium	164-1	116618	117576	116090	116761	0.64	cps
Erbium	164-2	86894	87495	86737	87042	0.46	cps
Gadolinium	160-1	131348	132354	130700	131467	0.63	cps
Gadolinium	160-2	102998	101733	101514	102082	0.78	cps
Holmium	165-1	19455812	17851775	18741445	18683011	4.30	cps
Holmium	165-2	13923386	13785084	13746920	13818463	0.67	cps
Indium	115-1	15895513	14781507	15305881	15327634	3.64	cps
Indium	115-2	5696069	5713251	5692156	5700492	0.20	cps
Iron	56-2	436480780	432675154	431550634	433568856	0.60	cps
Iron	57-2	10663524	10594644	10751020	10669729	0.73	cps
Iron	54-2	23297415	23289825	23164301	23250514	0.32	cps
Krypton	83-1	493	440	430	454	7.49	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ51	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:21:37	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1749788	1813597	1753669	1772352	2.02	cps
Lead	207-1	1544650	1564996	1550940	1553528	0.67	cps
Lead	208-1	5748314	5818876	5715775	5760989	0.91	cps
Lithium	6-1	1933223	1791391	1887657	1870757	3.87	cps
Magnesium	24-2	10960173	11006799	11109016	11025329	0.69	cps
Manganese	55-2	8763619	8716971	8645437	8708676	0.68	cps
Molybdenum	94-1	165985	167162	166822	166656	0.36	cps
Molybdenum	95-1	7809	8016	7845	7890	1.40	cps
Molybdenum	96-1	39530	39834	39710	39691	0.39	cps
Molybdenum	97-1	4994	5144	5038	5059	1.53	cps
Molybdenum	98-1	12435	12242	12482	12386	1.03	cps
Neodymium	150-1	244886	244583	242881	244117	0.44	cps
Neodymium	150-2	150941	151181	154513	152212	1.31	cps
Nickel	60-2	155277	156500	156194	155990	0.41	cps
Phosphorus	31-2	56116	55383	55570	55690	0.68	cps
Potassium	39-2	6007096	5982140	6045684	6011640	0.53	cps
Rhodium	103-1	14914794	13559724	14315930	14263483	4.76	cps
Rhodium	103-2	8708408	8626718	8665475	8666867	0.47	cps
Scandium	45-1	9268173	8453553	8784409	8835378	4.64	cps
Scandium	45-2	745890	747467	751820	748392	0.41	cps
Selenium	82-1	1226	1091	1181	1166	5.92	cps
Selenium	77-2	447	480	457	461	3.71	cps
Selenium	78-2	930	813	927	890	7.46	cps
Silicon	28-1	21697150	21550125	21376675	21541316	0.74	cps
Silver	107-1	14778	14651	14364	14597	1.45	cps
Silver	109-1	13760	13536	13683	13660	0.83	cps
Sodium	23-2	197436	198103	198678	198073	0.31	cps
Strontium	86-1	1054478	1060376	1051506	1055453	0.43	cps
Strontium	88-1	9386250	9430838	9319888	9378992	0.60	cps
Sulfur	34-1	278040	285373	284547	282653	1.42	cps
Terbium	159-1	19940892	18521351	19164763	19209002	3.70	cps
Terbium	159-2	13554722	13616029	13617174	13595975	0.26	cps
Thallium	203-1	4748	4931	5018	4899	2.82	cps
Thallium	205-1	11495	11792	11455	11581	1.59	cps
Tin	118-1	33135	33827	32901	33287	1.45	cps
Titanium	47-1	788308	793390	783081	788259	0.65	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ51	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:21:37	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46601	47257	46671	46843	0.77	cps
Vanadium	51-2	628663	627764	628608	628345	0.08	cps
Yttrium	89-1	20842531	19229089	19930923	20000847	4.04	cps
Yttrium	89-2	5519026	5495111	5485786	5499974	0.31	cps
Zinc	66-2	766081	760687	758379	761716	0.52	cps
Zirconium	90-1	436785	439214	433550	436516	0.65	cps
Zirconium	91-1	97696	99239	96787	97907	1.27	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ52	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:24:40	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11923254	11822807	11897910	11881324	0.44	cps
Antimony	121-1	8112	7852	7762	7909	2.30	cps
Arsenic	75-2	74378	73538	73501	73805	0.67	cps
Barium	135-1	1804938	1786161	1759269	1783456	1.29	cps
Barium	137-1	3062622	3029438	3035924	3042661	0.58	cps
Beryllium	9-1	2420	2414	2300	2378	2.84	cps
Bismuth	209-1	11386370	11333258	11106324	11275317	1.32	cps
Bismuth	209-2	9775479	9777602	9676956	9743346	0.59	cps
Bromine	81-1	15582	15632	15865	15693	0.96	cps
Bromine	81-2	633	683	760	692	9.22	cps
Cadmium	108-1	870	847	820	846	2.96	cps
Cadmium	106-1	6838	6425	6348	6537	4.03	cps
Cadmium	111-1	11713	11730	11398	11614	1.61	cps
Calcium	43-1	2044571	2003993	1974437	2007667	1.75	cps
Calcium	44-1	32659789	32550591	32248836	32486405	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	345382	344799	341854	344012	0.55	cps
Cobalt	59-2	384740	381867	381366	382658	0.48	cps
Copper	63-2	1068619	1068299	1061515	1066144	0.38	cps
Dysprosium	156-1	142046	141618	139199	140954	1.09	cps
Dysprosium	156-2	125360	126826	129490	127225	1.65	cps
Erbium	164-1	118567	116634	116040	117080	1.13	cps
Erbium	164-2	88672	86693	86666	87344	1.32	cps
Gadolinium	160-1	134528	133031	130958	132839	1.35	cps
Gadolinium	160-2	102266	103280	101551	102366	0.85	cps
Holmium	165-1	19259940	18544010	18480548	18761499	2.31	cps
Holmium	165-2	13979164	13819741	13782778	13860561	0.75	cps
Indium	115-1	15813382	15425773	15400997	15546717	1.49	cps
Indium	115-2	5726144	5732980	5785427	5748184	0.56	cps
Iron	56-2	503483006	502335899	498017699	501278868	0.57	cps
Iron	57-2	12547030	12501779	12395208	12481339	0.62	cps
Iron	54-2	27265195	27030092	27218171	27171153	0.46	cps
Krypton	83-1	497	463	420	460	8.36	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ52	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:24:40	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1646129	1634674	1622469	1634424	0.72	cps
Lead	207-1	1440150	1437535	1423400	1433695	0.63	cps
Lead	208-1	5331451	5348333	5230466	5303417	1.20	cps
Lithium	6-1	1926324	1926591	1881293	1911403	1.36	cps
Magnesium	24-2	9465123	9315694	9397715	9392844	0.80	cps
Manganese	55-2	8113090	8027192	8122097	8087460	0.65	cps
Molybdenum	94-1	137350	137108	136287	136915	0.41	cps
Molybdenum	95-1	8369	8202	8142	8238	1.43	cps
Molybdenum	96-1	36188	35740	36368	36099	0.90	cps
Molybdenum	97-1	5208	5108	5088	5134	1.25	cps
Molybdenum	98-1	12819	12219	12319	12452	2.58	cps
Neodymium	150-1	249429	249521	248538	249163	0.22	cps
Neodymium	150-2	155757	154251	153984	154664	0.62	cps
Nickel	60-2	126266	124296	123648	124737	1.09	cps
Phosphorus	31-2	56363	54948	55450	55587	1.29	cps
Potassium	39-2	5718139	5657996	5658995	5678377	0.61	cps
Rhodium	103-1	14636092	14226609	14392181	14418294	1.43	cps
Rhodium	103-2	8822573	8772272	8597103	8730649	1.36	cps
Scandium	45-1	9130668	8825260	8737575	8897834	2.32	cps
Scandium	45-2	754370	750063	747835	750756	0.44	cps
Selenium	82-1	1093	1117	1094	1101	1.19	cps
Selenium	77-2	413	403	490	436	10.89	cps
Selenium	78-2	1063	887	960	970	9.15	cps
Silicon	28-1	17199586	16820078	17005566	17008410	1.12	cps
Silver	107-1	9984	10180	10140	10101	1.03	cps
Silver	109-1	9253	9607	9303	9388	2.04	cps
Sodium	23-2	179152	179435	178876	179154	0.16	cps
Strontium	86-1	699501	698722	692849	697024	0.52	cps
Strontium	88-1	6178283	6183198	6131212	6164231	0.47	cps
Sulfur	34-1	261207	261026	260439	260890	0.15	cps
Terbium	159-1	19401316	19184949	19204176	19263481	0.62	cps
Terbium	159-2	13672322	13681467	13487557	13613782	0.80	cps
Thallium	203-1	4918	4831	5191	4980	3.77	cps
Thallium	205-1	11245	11375	11331	11317	0.59	cps
Tin	118-1	62548	62897	61484	62310	1.18	cps
Titanium	47-1	1322112	1304629	1303395	1310046	0.80	cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ52	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:24:40	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45976	44959	44785	45240	1.42	cps
Vanadium	51-2	852676	854758	852606	853347	0.14	cps
Yttrium	89-1	20339565	20188038	19887038	20138214	1.14	cps
Yttrium	89-2	5580664	5512717	5542354	5545245	0.61	cps
Zinc	66-2	666439	664434	660180	663684	0.48	cps
Zirconium	90-1	360629	360140	361137	360635	0.14	cps
Zirconium	91-1	81666	78797	80130	80198	1.79	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ53	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:27:41	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7765869	7821389	7763513	7783590	0.42	cps
Antimony	121-1	5174	5281	5281	5245	1.17	cps
Arsenic	75-2	51934	51171	50870	51325	1.07	cps
Barium	135-1	1074193	1061676	1061596	1065821	0.68	cps
Barium	137-1	1862671	1870834	1846101	1859868	0.68	cps
Beryllium	9-1	1593	1663	1627	1628	2.15	cps
Bismuth	209-1	11547351	11280853	11131797	11320001	1.86	cps
Bismuth	209-2	9720432	9829799	9686654	9745628	0.77	cps
Bromine	81-1	15592	14828	15208	15209	2.51	cps
Bromine	81-2	463	467	467	466	0.41	cps
Cadmium	108-1	447	447	460	451	1.71	cps
Cadmium	106-1	5965	5948	5798	5903	1.56	cps
Cadmium	111-1	7020	7095	6777	6964	2.39	cps
Calcium	43-1	2154621	2141437	2125686	2140581	0.68	cps
Calcium	44-1	34566501	34441269	34079859	34362543	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	242029	239523	240017	240523	0.55	cps
Cobalt	59-2	230236	231278	230946	230820	0.23	cps
Copper	63-2	499494	494781	494738	496338	0.55	cps
Dysprosium	156-1	113843	113242	110816	112634	1.42	cps
Dysprosium	156-2	102010	101103	101869	101661	0.48	cps
Erbium	164-1	94939	96362	95181	95494	0.80	cps
Erbium	164-2	71974	70058	70898	70977	1.35	cps
Gadolinium	160-1	107794	107095	106410	107099	0.65	cps
Gadolinium	160-2	81548	82943	81961	82151	0.87	cps
Holmium	165-1	18947192	18871874	18891452	18903506	0.21	cps
Holmium	165-2	13939590	13905581	13827461	13890878	0.41	cps
Indium	115-1	15973831	15432580	15422440	15609617	2.02	cps
Indium	115-2	5773525	5823696	5790460	5795894	0.44	cps
Iron	56-2	310442615	312983209	312266942	311897589	0.42	cps
Iron	57-2	7807597	7764754	7780349	7784233	0.28	cps
Iron	54-2	16886582	16926516	16735563	16849554	0.60	cps
Krypton	83-1	427	413	487	442	8.83	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ53	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:27:41	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	623509	626416	619877	623267	0.53	cps
Lead	207-1	546090	547609	539851	544517	0.75	cps
Lead	208-1	1966393	1960403	1948956	1958584	0.45	cps
Lithium	6-1	1944827	1934006	1905185	1928006	1.06	cps
Magnesium	24-2	6644542	6590499	6699496	6644845	0.82	cps
Manganese	55-2	6008651	5966801	5931715	5969056	0.65	cps
Molybdenum	94-1	105010	105392	104499	104967	0.43	cps
Molybdenum	95-1	6341	6175	5978	6165	2.95	cps
Molybdenum	96-1	27112	26504	26865	26827	1.14	cps
Molybdenum	97-1	3784	3831	3680	3765	2.04	cps
Molybdenum	98-1	9480	9540	9446	9489	0.50	cps
Neodymium	150-1	192405	193691	191577	192557	0.55	cps
Neodymium	150-2	120137	119824	119746	119902	0.17	cps
Nickel	60-2	89837	89243	88023	89034	1.04	cps
Phosphorus	31-2	36520	36908	37235	36888	0.97	cps
Potassium	39-2	3569727	3559334	3545918	3558327	0.34	cps
Rhodium	103-1	14902196	14448869	14398392	14583152	1.90	cps
Rhodium	103-2	8877419	8873910	8820415	8857248	0.36	cps
Scandium	45-1	8901707	8722103	8746179	8789996	1.11	cps
Scandium	45-2	742530	746289	738830	742550	0.50	cps
Selenium	82-1	925	1038	930	964	6.63	cps
Selenium	77-2	317	253	287	286	11.09	cps
Selenium	78-2	877	787	880	848	6.25	cps
Silicon	28-1	13676432	13559177	13516035	13583881	0.61	cps
Silver	107-1	3994	4111	4097	4067	1.57	cps
Silver	109-1	3654	3731	3617	3667	1.58	cps
Sodium	23-2	136946	136068	136065	136359	0.37	cps
Strontium	86-1	441568	440482	440566	440872	0.14	cps
Strontium	88-1	3941806	3891330	3866369	3899835	0.99	cps
Sulfur	34-1	240235	245619	246744	244200	1.42	cps
Terbium	159-1	19585349	19172800	19213208	19323786	1.18	cps
Terbium	159-2	13699155	13713406	13792326	13734962	0.37	cps
Thallium	203-1	3334	3277	3641	3417	5.72	cps
Thallium	205-1	8199	8556	8516	8424	2.32	cps
Tin	118-1	31652	31665	33793	32370	3.81	cps
Titanium	47-1	851323	844319	835860	843834	0.92	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ53	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:27:41	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31738	31330	30328	31132	2.33	cps
Vanadium	51-2	490157	484624	485022	486601	0.63	cps
Yttrium	89-1	20384216	19857221	19631341	19957593	1.94	cps
Yttrium	89-2	5511136	5472451	5467984	5483857	0.43	cps
Zinc	66-2	277542	276832	276901	277092	0.14	cps
Zirconium	90-1	277966	276304	273300	275857	0.86	cps
Zirconium	91-1	62164	61003	60665	61277	1.28	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ54	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:30:49	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13580877	13656961	13632149	13623329	0.28	cps
Antimony	121-1	14521	13950	15245	14572	4.45	cps
Arsenic	75-2	95132	96618	96836	96196	0.96	cps
Barium	135-1	1842663	1797547	1830106	1823439	1.28	cps
Barium	137-1	3145682	3113880	3115152	3124904	0.58	cps
Beryllium	9-1	2250	2500	2270	2340	5.94	cps
Bismuth	209-1	11570577	11523979	11416797	11503784	0.69	cps
Bismuth	209-2	9835168	9946429	9866387	9882661	0.58	cps
Bromine	81-1	17397	17340	17430	17389	0.26	cps
Bromine	81-2	843	813	743	800	6.41	cps
Cadmium	108-1	1023	1080	947	1017	6.58	cps
Cadmium	106-1	7192	6492	6291	6658	7.10	cps
Cadmium	111-1	14101	13325	13278	13568	3.41	cps
Calcium	43-1	1101103	1093576	1090909	1095196	0.48	cps
Calcium	44-1	17583282	17135681	17092888	17270617	1.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	435613	437802	435114	436176	0.33	cps
Cobalt	59-2	435124	435272	436703	435700	0.20	cps
Copper	63-2	1323073	1329741	1329410	1327408	0.28	cps
Dysprosium	156-1	155456	156777	153646	155293	1.01	cps
Dysprosium	156-2	135698	137444	138118	137087	0.91	cps
Erbium	164-1	130788	129977	128541	129769	0.88	cps
Erbium	164-2	95091	95517	96916	95841	1.00	cps
Gadolinium	160-1	147581	146338	145803	146574	0.62	cps
Gadolinium	160-2	113511	113317	113236	113355	0.12	cps
Holmium	165-1	19239981	18965511	18703796	18969762	1.41	cps
Holmium	165-2	14020798	14158605	14048687	14076030	0.52	cps
Indium	115-1	15869209	15566882	15404602	15613564	1.51	cps
Indium	115-2	5772219	5709924	5744054	5742066	0.54	cps
Iron	56-2	616490804	619000497	615372151	616954484	0.30	cps
Iron	57-2	15156371	15490974	15312364	15319903	1.09	cps
Iron	54-2	33421835	33148976	33588525	33386446	0.66	cps
Krypton	83-1	490	373	490	451	14.93	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ54	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:30:49	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6453991	6408996	6460571	6441186	0.44	cps
Lead	207-1	5285849	5235079	5251953	5257627	0.49	cps
Lead	208-1	19309871	19394549	19127225	19277215	0.71	cps
Lithium	6-1	1983997	1971826	1960233	1972019	0.60	cps
Magnesium	24-2	10180304	10201229	10328249	10236594	0.78	cps
Manganese	55-2	9985002	9960300	9912399	9952567	0.37	cps
Molybdenum	94-1	125254	121294	121038	122528	1.93	cps
Molybdenum	95-1	14834	15108	14961	14968	0.91	cps
Molybdenum	96-1	42131	41285	40650	41355	1.80	cps
Molybdenum	97-1	9493	9243	9023	9253	2.54	cps
Molybdenum	98-1	23673	24070	23168	23637	1.91	cps
Neodymium	150-1	264117	262311	259410	261946	0.91	cps
Neodymium	150-2	163453	164099	164360	163971	0.28	cps
Nickel	60-2	137194	137765	137237	137399	0.23	cps
Phosphorus	31-2	123651	125348	126353	125117	1.09	cps
Potassium	39-2	9808000	9743417	9820700	9790706	0.42	cps
Rhodium	103-1	14630407	14433324	14352196	14471976	0.99	cps
Rhodium	103-2	8669300	8841855	8761289	8757481	0.99	cps
Scandium	45-1	9182645	8933897	8805529	8974024	2.14	cps
Scandium	45-2	748017	743476	743634	745042	0.35	cps
Selenium	82-1	1213	1344	1242	1267	5.45	cps
Selenium	77-2	497	460	457	471	4.71	cps
Selenium	78-2	927	1033	930	963	6.30	cps
Silicon	28-1	18150958	17167323	17092930	17470403	3.38	cps
Silver	107-1	13697	13350	13803	13616	1.74	cps
Silver	109-1	13390	13213	12876	13159	1.98	cps
Sodium	23-2	388423	387577	385698	387232	0.36	cps
Strontium	86-1	627196	622124	617892	622404	0.75	cps
Strontium	88-1	5544641	5530483	5476769	5517297	0.65	cps
Sulfur	34-1	290775	283685	275190	283217	2.76	cps
Terbium	159-1	19808139	19491146	19576994	19625426	0.84	cps
Terbium	159-2	13680771	13695831	13919784	13765462	0.97	cps
Thallium	203-1	5938	5891	5825	5885	0.97	cps
Thallium	205-1	14364	13991	14144	14166	1.33	cps
Tin	118-1	49307	48792	49873	49324	1.10	cps
Titanium	47-1	1760813	1732406	1736852	1743357	0.88	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ54	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:30:49	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65443	65075	64274	64931	0.92	cps
Vanadium	51-2	917528	915535	920624	917895	0.28	cps
Yttrium	89-1	20895626	20487049	20326376	20569684	1.43	cps
Yttrium	89-2	5554173	5502675	5512896	5523248	0.49	cps
Zinc	66-2	883978	882382	881935	882765	0.12	cps
Zirconium	90-1	310086	309962	306384	308811	0.68	cps
Zirconium	91-1	69738	70532	67464	69245	2.30	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ55	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:33:49	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10376398	10128251	10235656	10246769	1.21	cps
Antimony	121-1	11361	11625	10838	11275	3.55	cps
Arsenic	75-2	61339	60784	61018	61047	0.46	cps
Barium	135-1	1242708	1237831	1229136	1236558	0.56	cps
Barium	137-1	2137891	2149123	2182880	2156631	1.09	cps
Beryllium	9-1	1723	1763	1937	1808	6.27	cps
Bismuth	209-1	11782547	11569744	11244515	11532269	2.35	cps
Bismuth	209-2	9752753	10067659	9770547	9863653	1.79	cps
Bromine	81-1	17103	16823	16643	16856	1.38	cps
Bromine	81-2	777	673	617	689	11.78	cps
Cadmium	108-1	630	747	610	662	11.15	cps
Cadmium	106-1	6071	5861	5694	5876	3.21	cps
Cadmium	111-1	9847	9318	9080	9415	4.17	cps
Calcium	43-1	697759	705944	700242	701315	0.60	cps
Calcium	44-1	11035955	11021609	10859770	10972445	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	335835	331617	333821	333758	0.63	cps
Cobalt	59-2	323780	319268	322068	321705	0.71	cps
Copper	63-2	880114	872847	867290	873417	0.74	cps
Dysprosium	156-1	112784	112429	112187	112467	0.27	cps
Dysprosium	156-2	101355	100241	100443	100680	0.59	cps
Erbium	164-1	92862	95225	93037	93708	1.40	cps
Erbium	164-2	69224	70028	68400	69217	1.18	cps
Gadolinium	160-1	107065	107562	106383	107003	0.55	cps
Gadolinium	160-2	82977	82360	82209	82515	0.49	cps
Holmium	165-1	19609364	19021881	19006802	19212682	1.79	cps
Holmium	165-2	14084106	14005300	13926894	14005433	0.56	cps
Indium	115-1	16205738	15638243	15625722	15823234	2.09	cps
Indium	115-2	5792905	5877048	5688334	5786095	1.63	cps
Iron	56-2	441218567	436004474	442151927	439791656	0.75	cps
Iron	57-2	10963871	10831247	10913744	10902954	0.61	cps
Iron	54-2	23862230	23777735	23546376	23728780	0.69	cps
Krypton	83-1	397	350	443	397	11.76	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ55	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:33:49	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1296091	1308604	1277094	1293929	1.23	cps
Lead	207-1	1113385	1115036	1106134	1111518	0.43	cps
Lead	208-1	4090575	4151004	4073467	4105015	0.99	cps
Lithium	6-1	2013718	2008768	1928284	1983590	2.42	cps
Magnesium	24-2	7743724	7585395	7608740	7645953	1.12	cps
Manganese	55-2	7504070	7372051	7467266	7447795	0.91	cps
Molybdenum	94-1	93566	93539	93586	93564	0.03	cps
Molybdenum	95-1	11204	10911	10781	10965	1.98	cps
Molybdenum	96-1	30549	31113	30151	30604	1.58	cps
Molybdenum	97-1	6845	6958	6828	6877	1.03	cps
Molybdenum	98-1	17564	17978	17210	17584	2.18	cps
Neodymium	150-1	192363	193830	191978	192723	0.51	cps
Neodymium	150-2	119357	118809	119763	119310	0.40	cps
Nickel	60-2	105968	106135	105417	105840	0.36	cps
Phosphorus	31-2	60291	59013	60388	59898	1.28	cps
Potassium	39-2	6529606	6460366	6473053	6487675	0.57	cps
Rhodium	103-1	15043293	14552963	14516540	14704265	2.00	cps
Rhodium	103-2	8814239	8800537	8753358	8789378	0.36	cps
Scandium	45-1	9177642	8842974	8657204	8892607	2.97	cps
Scandium	45-2	741097	733463	736729	737096	0.52	cps
Selenium	82-1	1081	1142	982	1068	7.56	cps
Selenium	77-2	343	313	343	333	5.20	cps
Selenium	78-2	767	767	670	734	7.60	cps
Silicon	28-1	17164283	16791867	16496216	16817456	1.99	cps
Silver	107-1	10981	11104	10894	10993	0.96	cps
Silver	109-1	10194	10200	10254	10216	0.32	cps
Sodium	23-2	291852	286544	287933	288776	0.95	cps
Strontium	86-1	405091	408286	404850	406075	0.47	cps
Strontium	88-1	3640108	3621907	3560678	3607564	1.15	cps
Sulfur	34-1	217001	214743	214510	215418	0.64	cps
Terbium	159-1	20281281	19457591	19114122	19617665	3.06	cps
Terbium	159-2	13923296	13868786	13647330	13813137	1.06	cps
Thallium	203-1	4127	4287	4117	4177	2.28	cps
Thallium	205-1	10541	10511	10441	10497	0.49	cps
Tin	118-1	41691	40549	39207	40482	3.07	cps
Titanium	47-1	1438111	1455905	1430071	1441362	0.92	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ55	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:33:49	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42605	42896	41598	42366	1.61	cps
Vanadium	51-2	687969	680641	685053	684554	0.54	cps
Yttrium	89-1	20541710	19907529	19590194	20013144	2.42	cps
Yttrium	89-2	5375601	5379269	5426561	5393810	0.53	cps
Zinc	66-2	658956	651654	649541	653384	0.76	cps
Zirconium	90-1	237686	235761	235397	236281	0.52	cps
Zirconium	91-1	52326	53561	52216	52701	1.42	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ56	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:36:54	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13488588	13382858	13295498	13388981	0.72	cps
Antimony	121-1	5845	6341	6095	6094	4.08	cps
Arsenic	75-2	66515	66324	65946	66262	0.44	cps
Barium	135-1	1429409	1438317	1433767	1433831	0.31	cps
Barium	137-1	2537159	2525902	2511775	2524945	0.50	cps
Beryllium	9-1	2254	2197	2367	2272	3.81	cps
Bismuth	209-1	11846274	11523271	11139207	11502917	3.08	cps
Bismuth	209-2	9798997	9771754	9749090	9773280	0.26	cps
Bromine	81-1	19189	19319	19700	19403	1.37	cps
Bromine	81-2	1237	1207	1247	1230	1.69	cps
Cadmium	108-1	600	660	580	613	6.79	cps
Cadmium	106-1	5981	5838	5735	5851	2.12	cps
Cadmium	111-1	9078	8825	9396	9100	3.14	cps
Calcium	43-1	859698	860285	853364	857782	0.45	cps
Calcium	44-1	13565260	13572366	13291561	13476396	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	419687	416056	414184	416642	0.67	cps
Cobalt	59-2	587160	588201	584497	586619	0.33	cps
Copper	63-2	778966	782245	776073	779095	0.40	cps
Dysprosium	156-1	156066	157266	155813	156382	0.50	cps
Dysprosium	156-2	138397	139531	140313	139413	0.69	cps
Erbium	164-1	127330	128480	127747	127853	0.46	cps
Erbium	164-2	94346	95420	94976	94914	0.57	cps
Gadolinium	160-1	149814	148544	146197	148185	1.24	cps
Gadolinium	160-2	114553	115171	113370	114365	0.80	cps
Holmium	165-1	19908101	18918998	18931636	19252912	2.95	cps
Holmium	165-2	14048669	14044741	13885565	13992992	0.67	cps
Indium	115-1	16253914	15396712	15353286	15667970	3.24	cps
Indium	115-2	5659448	5689242	5688006	5678899	0.30	cps
Iron	56-2	589077525	585846125	592343018	589088889	0.55	cps
Iron	57-2	14673503	14551429	14582542	14602491	0.43	cps
Iron	54-2	32172192	31922820	31926730	32007248	0.45	cps
Krypton	83-1	493	463	450	469	4.73	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ56	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:36:54	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	733797	729755	727459	730337	0.44	cps
Lead	207-1	601067	611374	613788	608743	1.11	cps
Lead	208-1	2214501	2222090	2222461	2219684	0.20	cps
Lithium	6-1	2026157	1964423	1891932	1960837	3.43	cps
Magnesium	24-2	10100977	10140068	10059986	10100343	0.40	cps
Manganese	55-2	9760771	9614962	9527486	9634407	1.22	cps
Molybdenum	94-1	97052	96857	97501	97137	0.34	cps
Molybdenum	95-1	11408	10951	11254	11204	2.08	cps
Molybdenum	96-1	33214	32984	33766	33321	1.21	cps
Molybdenum	97-1	6942	6978	6845	6922	1.00	cps
Molybdenum	98-1	17831	17828	17808	17822	0.07	cps
Neodymium	150-1	265006	266786	264749	265514	0.42	cps
Neodymium	150-2	166487	164353	167290	166043	0.91	cps
Nickel	60-2	141914	139788	139842	140514	0.86	cps
Phosphorus	31-2	54359	54226	53483	54023	0.87	cps
Potassium	39-2	7423498	7351775	7398070	7391115	0.49	cps
Rhodium	103-1	15262816	14553647	14256242	14690902	3.52	cps
Rhodium	103-2	8787395	8728181	8711233	8742270	0.46	cps
Scandium	45-1	9447804	8991929	8678968	9039567	4.28	cps
Scandium	45-2	745868	737839	736053	739920	0.71	cps
Selenium	82-1	1023	1095	1074	1064	3.48	cps
Selenium	77-2	427	390	470	429	9.34	cps
Selenium	78-2	857	807	740	801	7.31	cps
Silicon	28-1	18004186	17647048	16845221	17498818	3.39	cps
Silver	107-1	3994	3877	3797	3889	2.54	cps
Silver	109-1	3500	3367	3514	3460	2.34	cps
Sodium	23-2	256058	255161	255309	255509	0.19	cps
Strontium	86-1	452441	459191	452274	454635	0.87	cps
Strontium	88-1	4053327	4016640	4016455	4028807	0.53	cps
Sulfur	34-1	197908	198440	195497	197282	0.80	cps
Terbium	159-1	20420851	19335014	19241280	19665715	3.33	cps
Terbium	159-2	13934806	13749759	13780966	13821844	0.72	cps
Thallium	203-1	5091	5214	4934	5080	2.76	cps
Thallium	205-1	12129	12229	12479	12279	1.47	cps
Tin	118-1	20107	20131	21104	20448	2.78	cps
Titanium	47-1	1854890	1895460	1823039	1857796	1.95	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ56	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:36:54	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54230	55358	54997	54861	1.05	cps
Vanadium	51-2	922741	908725	906907	912791	0.95	cps
Yttrium	89-1	21191507	20323410	19951545	20488821	3.11	cps
Yttrium	89-2	5575137	5486650	5460811	5507533	1.09	cps
Zinc	66-2	343366	338233	337321	339640	0.96	cps
Zirconium	90-1	244199	247106	245318	245541	0.60	cps
Zirconium	91-1	54825	55297	54705	54942	0.57	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ57	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:39:58	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10528103	10503372	10605739	10545738	0.51	cps
Antimony	121-1	6261	6462	6251	6325	1.87	cps
Arsenic	75-2	55313	55921	54255	55163	1.53	cps
Barium	135-1	1188161	1186760	1176649	1183857	0.53	cps
Barium	137-1	2069820	2079080	2068894	2072598	0.27	cps
Beryllium	9-1	1830	1863	1690	1795	5.13	cps
Bismuth	209-1	11530743	11356942	11242039	11376575	1.28	cps
Bismuth	209-2	9717164	9918770	9892089	9842675	1.11	cps
Bromine	81-1	18342	18572	18669	18527	0.91	cps
Bromine	81-2	973	960	950	961	1.22	cps
Cadmium	108-1	600	560	623	594	5.39	cps
Cadmium	106-1	6128	5698	5685	5837	4.32	cps
Cadmium	111-1	8797	8797	8444	8679	2.35	cps
Calcium	43-1	668737	665490	655291	663173	1.06	cps
Calcium	44-1	10475751	10376980	10292650	10381794	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	320237	319221	315430	318296	0.80	cps
Cobalt	59-2	350863	347462	348452	348926	0.50	cps
Copper	63-2	653071	655481	656831	655128	0.29	cps
Dysprosium	156-1	120820	120246	118565	119877	0.98	cps
Dysprosium	156-2	107104	105455	106758	106439	0.82	cps
Erbium	164-1	99820	100330	98581	99577	0.90	cps
Erbium	164-2	74537	73301	73673	73837	0.86	cps
Gadolinium	160-1	112833	113589	113166	113196	0.33	cps
Gadolinium	160-2	86290	88205	87783	87426	1.15	cps
Holmium	165-1	19091861	18844252	18775949	18904021	0.88	cps
Holmium	165-2	13857562	14067064	13961951	13962192	0.75	cps
Indium	115-1	15739691	15504291	15390643	15544875	1.15	cps
Indium	115-2	5789371	5674419	5779147	5747646	1.11	cps
Iron	56-2	467764140	465051633	465223686	466013153	0.33	cps
Iron	57-2	11543435	11490671	11534802	11522970	0.25	cps
Iron	54-2	25239127	25210055	25374188	25274457	0.35	cps
Krypton	83-1	503	430	473	469	7.86	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ57	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:39:58	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	626488	624019	618132	622880	0.69	cps
Lead	207-1	517189	517601	514372	516387	0.34	cps
Lead	208-1	1899915	1897055	1875959	1890976	0.69	cps
Lithium	6-1	1907253	1932881	1868629	1902921	1.70	cps
Magnesium	24-2	7764779	7748955	7766444	7760060	0.12	cps
Manganese	55-2	7459604	7459078	7411347	7443343	0.37	cps
Molybdenum	94-1	80151	79380	79420	79650	0.54	cps
Molybdenum	95-1	9210	9470	9036	9239	2.36	cps
Molybdenum	96-1	28094	27055	26407	27185	3.13	cps
Molybdenum	97-1	5818	5801	5795	5805	0.21	cps
Molybdenum	98-1	14794	14741	14587	14708	0.73	cps
Neodymium	150-1	204684	204065	201931	203560	0.71	cps
Neodymium	150-2	125903	126438	125617	125986	0.33	cps
Nickel	60-2	108878	107783	108952	108538	0.60	cps
Phosphorus	31-2	40594	40938	41282	40938	0.84	cps
Potassium	39-2	5888404	5864460	5898810	5883891	0.30	cps
Rhodium	103-1	14752292	14365355	14461835	14526494	1.39	cps
Rhodium	103-2	8802467	8804537	8702688	8769897	0.66	cps
Scandium	45-1	8918369	8788151	8668234	8791585	1.42	cps
Scandium	45-2	740651	732967	728696	734105	0.83	cps
Selenium	82-1	881	859	846	862	2.07	cps
Selenium	77-2	320	367	330	339	7.25	cps
Selenium	78-2	823	807	757	796	4.36	cps
Silicon	28-1	15569069	14983968	14830916	15127984	2.58	cps
Silver	107-1	3304	3214	3594	3370	5.89	cps
Silver	109-1	3077	3030	2920	3009	2.67	cps
Sodium	23-2	209255	205515	206316	207028	0.95	cps
Strontium	86-1	362868	358893	354765	358842	1.13	cps
Strontium	88-1	3178644	3178393	3144675	3167237	0.62	cps
Sulfur	34-1	195146	194650	196935	195577	0.61	cps
Terbium	159-1	19810843	19444315	19480968	19578709	1.03	cps
Terbium	159-2	13764423	13769249	13701671	13745114	0.27	cps
Thallium	203-1	4297	4264	4224	4262	0.86	cps
Thallium	205-1	10044	10284	9834	10054	2.24	cps
Tin	118-1	16484	15836	15686	16002	2.65	cps
Titanium	47-1	1602709	1612233	1574025	1596322	1.25	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ57	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:39:58	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41264	41287	41003	41185	0.38	cps
Vanadium	51-2	735617	728725	734317	732886	0.50	cps
Yttrium	89-1	20310857	20095133	19621348	20009112	1.76	cps
Yttrium	89-2	5431549	5406118	5312398	5383355	1.17	cps
Zinc	66-2	291283	286694	287999	288659	0.82	cps
Zirconium	90-1	204770	201970	203138	203293	0.69	cps
Zirconium	91-1	45541	45420	44795	45252	0.88	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:43:06	DataFile Name :	104CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17314061	17264028	17478512	17352201	0.65	cps
Antimony	121-1	8111658	8141714	8008865	8087412	0.86	cps
Arsenic	75-2	428350	431753	430277	430127	0.40	cps
Barium	135-1	10360691	10343076	10089161	10264309	1.48	cps
Barium	137-1	17703698	17788582	17435651	17642644	1.04	cps
Beryllium	9-1	779362	786036	786655	784017	0.52	cps
Bismuth	209-1	10048970	10162812	9991383	10067722	0.87	cps
Bismuth	209-2	8671445	8592380	8684827	8649550	0.58	cps
Bromine	81-1	15598	15138	14621	15119	3.24	cps
Bromine	81-2	97	97	130	108	17.85	cps
Cadmium	108-1	157367	160321	159728	159139	0.98	cps
Cadmium	106-1	228419	227891	224891	227067	0.84	cps
Cadmium	111-1	2170568	2137348	2128059	2145325	1.04	cps
Calcium	43-1	10538644	10555638	10306374	10466885	1.33	cps
Calcium	44-1	171893931	170893544	169534371	170773949	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3051524	3022523	3043320	3039122	0.49	cps
Cobalt	59-2	4788959	4775926	4734951	4766612	0.59	cps
Copper	63-2	33987739	33966153	33797244	33917045	0.31	cps
Dysprosium	156-1	547	547	473	522	8.11	cps
Dysprosium	156-2	817	957	740	838	13.11	cps
Erbium	164-1	503	477	520	500	4.37	cps
Erbium	164-2	433	337	443	404	14.57	cps
Gadolinium	160-1	417	417	413	416	0.46	cps
Gadolinium	160-2	1080	1093	1043	1072	2.42	cps
Holmium	165-1	17939751	17814335	17469256	17741114	1.37	cps
Holmium	165-2	13027654	13068582	13055029	13050422	0.16	cps
Indium	115-1	14284598	14022561	13792799	14033319	1.75	cps
Indium	115-2	5126459	5101226	5028883	5085523	1.00	cps
Iron	56-2	708345136	707948496	709654096	708649243	0.13	cps
Iron	57-2	17782242	17754840	17734461	17757181	0.14	cps
Iron	54-2	38407744	38171121	38298137	38292334	0.31	cps
Krypton	83-1	313	330	267	303	10.82	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:43:06	DataFile Name :	104CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	30168812	30395061	30049662	30204512	0.58	cps
Lead	207-1	26222952	26354295	26124393	26233880	0.44	cps
Lead	208-1	95280019	95994667	95315926	95530204	0.42	cps
Lithium	6-1	1757203	1737479	1738036	1744239	0.64	cps
Magnesium	24-2	127932375	128135515	128906348	128324746	0.40	cps
Manganese	55-2	24262363	24261605	24255089	24259685	0.02	cps
Molybdenum	94-1	29398935	29321925	28907307	29209389	0.91	cps
Molybdenum	95-1	42191794	42052528	41496774	41913699	0.88	cps
Molybdenum	96-1	46402956	46329744	45457933	46063544	1.14	cps
Molybdenum	97-1	26307090	26523827	25949242	26260053	1.10	cps
Molybdenum	98-1	67921539	68030389	66742482	67564803	1.06	cps
Neodymium	150-1	840	780	840	820	4.22	cps
Neodymium	150-2	363	330	323	339	6.32	cps
Nickel	60-2	1272052	1264007	1263072	1266377	0.39	cps
Phosphorus	31-2	155750	155015	155605	155456	0.25	cps
Potassium	39-2	84749437	84813319	85266575	84943110	0.33	cps
Rhodium	103-1	12936595	12700650	12530007	12722418	1.60	cps
Rhodium	103-2	7564263	7609951	7463818	7546011	0.99	cps
Scandium	45-1	8026687	7971906	7801061	7933218	1.48	cps
Scandium	45-2	656757	654072	654710	655180	0.21	cps
Selenium	82-1	127849	127435	125823	127036	0.84	cps
Selenium	77-2	13143	12722	12719	12861	1.89	cps
Selenium	78-2	44022	43604	43601	43742	0.55	cps
Silicon	28-1	70920297	70836509	70445744	70734183	0.36	cps
Silver	107-1	10618935	10667412	10481780	10589375	0.91	cps
Silver	109-1	10246088	10019412	9958373	10074624	1.50	cps
Sodium	23-2	205363657	205260657	204436977	205020430	0.25	cps
Strontium	86-1	2626395	2595680	2530425	2584166	1.90	cps
Strontium	88-1	22837736	22687349	22423628	22649571	0.93	cps
Sulfur	34-1	752293	751331	748845	750823	0.24	cps
Terbium	159-1	18247263	18177281	17919961	18114835	0.95	cps
Terbium	159-2	12832559	12904136	12747912	12828202	0.61	cps
Thallium	203-1	7540008	7481912	7505484	7509134	0.39	cps
Thallium	205-1	18196672	18094517	18001162	18097450	0.54	cps
Tin	118-1	6874872	6789634	6764271	6809592	0.85	cps
Titanium	47-1	9952085	9924202	9705009	9860432	1.37	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:43:06	DataFile Name :	104CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24002118	23943464	23911268	23952283	0.19	cps
Vanadium	51-2	2698415	2690473	2698371	2695753	0.17	cps
Yttrium	89-1	17360179	17065276	16919096	17114850	1.31	cps
Yttrium	89-2	4574993	4573934	4597914	4582280	0.30	cps
Zinc	66-2	5929565	5946752	5941728	5939348	0.15	cps
Zirconium	90-1	14569389	14409660	14427756	14468935	0.60	cps
Zirconium	91-1	3188326	3240653	3156505	3195161	1.33	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:45:46	DataFile Name :	105CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1430	1220	1210	1287	9.66	cps
Antimony	121-1	3667	3164	2980	3270	10.87	cps
Arsenic	75-2	37	43	60	47	25.75	cps
Barium	135-1	1180	943	760	961	21.91	cps
Barium	137-1	2170	1597	1527	1765	20.01	cps
Beryllium	9-1	217	217	210	214	1.80	cps
Bismuth	209-1	11326744	11105845	10890920	11107836	1.96	cps
Bismuth	209-2	9836771	9645217	9753502	9745163	0.99	cps
Bromine	81-1	14724	14214	14567	14502	1.80	cps
Bromine	81-2	163	177	213	184	14.04	cps
Cadmium	108-1	50	20	13	28	70.32	cps
Cadmium	106-1	4581	4564	4227	4457	4.47	cps
Cadmium	111-1	3512	3414	3163	3363	5.35	cps
Calcium	43-1	1660	1357	1183	1400	17.23	cps
Calcium	44-1	37641	31978	30297	33305	11.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2594	2504	2437	2511	3.13	cps
Cobalt	59-2	587	473	557	539	10.90	cps
Copper	63-2	3724	3430	3140	3432	8.50	cps
Dysprosium	156-1	7	7	13	9	43.25	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	87	63	100	83	22.27	cps
Erbium	164-2	47	33	20	33	40.01	cps
Gadolinium	160-1	60	63	80	68	15.81	cps
Gadolinium	160-2	833	920	823	859	6.19	cps
Holmium	165-1	18540940	18068559	18058571	18222690	1.51	cps
Holmium	165-2	13682354	13471650	13571026	13575010	0.78	cps
Indium	115-1	15395464	14940687	14989295	15108482	1.65	cps
Indium	115-2	5734724	5617692	5623241	5658552	1.17	cps
Iron	56-2	83300	75187	70591	76359	8.43	cps
Iron	57-2	2670	2584	2670	2641	1.89	cps
Iron	54-2	6015	5641	5418	5691	5.30	cps
Krypton	83-1	327	247	260	278	15.43	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:45:46	DataFile Name :	105CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4651	3774	3347	3924	16.94	cps
Lead	207-1	4127	3194	2877	3399	19.12	cps
Lead	208-1	15191	11854	10512	12519	19.25	cps
Lithium	6-1	1923249	1894985	1876996	1898410	1.23	cps
Magnesium	24-2	9286	8236	7425	8316	11.22	cps
Manganese	55-2	2187	1863	1747	1932	11.80	cps
Molybdenum	94-1	4124	3137	2974	3412	18.24	cps
Molybdenum	95-1	5838	4147	3847	4611	23.28	cps
Molybdenum	96-1	6268	4757	4031	5019	22.74	cps
Molybdenum	97-1	3510	2887	2270	2889	21.46	cps
Molybdenum	98-1	9006	6982	6311	7433	18.87	cps
Neodymium	150-1	3	10	10	8	49.52	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	643	653	610	636	3.57	cps
Phosphorus	31-2	187	190	190	189	1.02	cps
Potassium	39-2	70385	69585	69441	69804	0.73	cps
Rhodium	103-1	14331756	14210537	14139445	14227246	0.68	cps
Rhodium	103-2	8853628	8722023	8661037	8745563	1.13	cps
Scandium	45-1	8170792	8145904	7998322	8105006	1.15	cps
Scandium	45-2	695452	679247	682631	685777	1.25	cps
Selenium	82-1	624	726	638	663	8.37	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	517	473	473	488	5.13	cps
Silicon	28-1	724719	727194	727761	726558	0.22	cps
Silver	107-1	2537	2017	1827	2127	17.28	cps
Silver	109-1	2274	1820	1707	1933	15.51	cps
Sodium	23-2	50081	48038	46453	48191	3.77	cps
Strontium	86-1	790	580	650	673	15.88	cps
Strontium	88-1	2927	2280	1960	2389	20.62	cps
Sulfur	34-1	205512	206583	206948	206348	0.36	cps
Terbium	159-1	18708070	18649879	18205428	18521126	1.48	cps
Terbium	159-2	13508756	13445740	13222031	13392175	1.13	cps
Thallium	203-1	1800	1657	1410	1622	12.16	cps
Thallium	205-1	4534	3684	3317	3845	16.24	cps
Tin	118-1	3714	3257	3287	3419	7.47	cps
Titanium	47-1	1273	947	863	1028	21.08	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:45:46	DataFile Name :	105CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2650	1827	1790	2089	23.28	cps
Vanadium	51-2	233	200	143	192	23.67	cps
Yttrium	89-1	17932396	17550391	17505332	17662706	1.33	cps
Yttrium	89-2	4933197	4879612	4863783	4892198	0.74	cps
Zinc	66-2	1273	1263	1240	1259	1.36	cps
Zirconium	90-1	2724	2320	2054	2366	14.26	cps
Zirconium	91-1	597	567	470	544	12.16	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ59	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:49:03	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14317256	14288291	14323262	14309603	0.13	cps
Antimony	121-1	9897	9793	9840	9843	0.53	cps
Arsenic	75-2	115545	115834	115082	115487	0.33	cps
Barium	135-1	1452248	1449024	1438394	1446555	0.50	cps
Barium	137-1	2533474	2559767	2513575	2535605	0.91	cps
Beryllium	9-1	2517	2400	2170	2362	7.47	cps
Bismuth	209-1	11609204	11257002	11114419	11326875	2.25	cps
Bismuth	209-2	9841870	9939312	9836417	9872533	0.59	cps
Bromine	81-1	16920	16583	17053	16852	1.44	cps
Bromine	81-2	720	737	697	718	2.80	cps
Cadmium	108-1	947	943	830	907	7.33	cps
Cadmium	106-1	7189	6618	6472	6759	5.60	cps
Cadmium	111-1	13529	13079	13102	13237	1.91	cps
Calcium	43-1	692864	693359	692337	692853	0.07	cps
Calcium	44-1	10852570	10847113	10956366	10885350	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499899	497381	497036	498105	0.31	cps
Cobalt	59-2	502452	503654	498994	501700	0.48	cps
Copper	63-2	1479116	1485552	1468015	1477561	0.60	cps
Dysprosium	156-1	154385	155150	153145	154226	0.66	cps
Dysprosium	156-2	137205	138757	137687	137883	0.58	cps
Erbium	164-1	131357	131101	129819	130759	0.63	cps
Erbium	164-2	96131	97080	97722	96978	0.83	cps
Gadolinium	160-1	148837	148116	146281	147745	0.89	cps
Gadolinium	160-2	115491	113804	114134	114476	0.78	cps
Holmium	165-1	19732149	19051086	18847226	19210153	2.41	cps
Holmium	165-2	14300814	13988811	14121737	14137121	1.11	cps
Indium	115-1	16219864	15766484	15528839	15838396	2.22	cps
Indium	115-2	5826572	5776435	5863574	5822194	0.75	cps
Iron	56-2	692164736	695386923	692400603	693317421	0.26	cps
Iron	57-2	17145298	17293823	17268046	17235722	0.46	cps
Iron	54-2	37474484	37600267	37203509	37426087	0.54	cps
Krypton	83-1	520	463	503	496	5.88	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ59	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:49:03	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1893172	1940292	1877502	1903655	1.72	cps
Lead	207-1	1600444	1602537	1575093	1592691	0.96	cps
Lead	208-1	5965723	5940935	5881799	5929486	0.73	cps
Lithium	6-1	2023778	1889135	1909653	1940855	3.74	cps
Magnesium	24-2	9898794	9887603	9845154	9877184	0.29	cps
Manganese	55-2	10474245	10564275	10395978	10478166	0.80	cps
Molybdenum	94-1	131625	131208	132244	131692	0.40	cps
Molybdenum	95-1	13383	13336	13503	13407	0.64	cps
Molybdenum	96-1	42375	42522	41723	42206	1.01	cps
Molybdenum	97-1	8312	8382	8242	8312	0.84	cps
Molybdenum	98-1	20922	21155	20554	20877	1.45	cps
Neodymium	150-1	257841	258801	258268	258303	0.19	cps
Neodymium	150-2	162866	162553	162970	162796	0.13	cps
Nickel	60-2	147130	147079	146574	146928	0.21	cps
Phosphorus	31-2	73616	73040	73435	73363	0.40	cps
Potassium	39-2	8794537	8852493	8781620	8809550	0.43	cps
Rhodium	103-1	14925637	14614932	14585544	14708704	1.28	cps
Rhodium	103-2	8919000	8849277	8905543	8891273	0.42	cps
Scandium	45-1	9240060	9025520	9070127	9111903	1.24	cps
Scandium	45-2	767912	764299	768213	766808	0.28	cps
Selenium	82-1	1165	1283	1058	1168	9.64	cps
Selenium	77-2	463	513	403	460	11.97	cps
Selenium	78-2	877	877	840	864	2.45	cps
Silicon	28-1	13911662	13843415	13625637	13793571	1.08	cps
Silver	107-1	12522	12145	12672	12447	2.18	cps
Silver	109-1	11408	11415	11475	11432	0.32	cps
Sodium	23-2	278028	274386	273163	275192	0.92	cps
Strontium	86-1	411741	410183	413105	411676	0.36	cps
Strontium	88-1	3680821	3673440	3655356	3669872	0.36	cps
Sulfur	34-1	255373	252465	246425	251421	1.82	cps
Terbium	159-1	20012808	19898043	19439640	19783497	1.53	cps
Terbium	159-2	14035564	13802559	13895806	13911310	0.84	cps
Thallium	203-1	6788	6625	6248	6554	4.23	cps
Thallium	205-1	15379	15215	15689	15428	1.56	cps
Tin	118-1	24825	24023	23957	24268	1.99	cps
Titanium	47-1	2393259	2363633	2352455	2369782	0.89	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ59	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:49:03	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	66850	65922	65389	66054	1.12	cps
Vanadium	51-2	1100862	1099065	1098227	1099384	0.12	cps
Yttrium	89-1	20994155	20694166	20462237	20716853	1.29	cps
Yttrium	89-2	5663836	5646149	5659451	5656479	0.16	cps
Zinc	66-2	735083	741736	741848	739555	0.52	cps
Zirconium	90-1	338337	336958	340786	338694	0.57	cps
Zirconium	91-1	74615	75215	74849	74893	0.40	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ60	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:52:05	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19012281	18994195	18974218	18993565	0.10	cps
Antimony	121-1	19427	19670	19376	19491	0.81	cps
Arsenic	75-2	106586	107036	106770	106797	0.21	cps
Barium	135-1	2656664	2630279	2666927	2651290	0.71	cps
Barium	137-1	4490965	4542057	4525585	4519536	0.58	cps
Beryllium	9-1	3017	3140	3140	3099	2.30	cps
Bismuth	209-1	11708290	11383789	11421501	11504527	1.54	cps
Bismuth	209-2	9845741	9773149	9805282	9808057	0.37	cps
Bromine	81-1	17851	18131	18235	18072	1.10	cps
Bromine	81-2	1143	1007	1017	1056	7.22	cps
Cadmium	108-1	1480	1437	1433	1450	1.80	cps
Cadmium	106-1	7655	7252	6935	7281	4.96	cps
Cadmium	111-1	18063	17317	17044	17474	3.02	cps
Calcium	43-1	1136752	1137833	1124271	1132952	0.67	cps
Calcium	44-1	17853361	17925183	17472638	17750394	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	543248	540190	542232	541890	0.29	cps
Cobalt	59-2	481493	481940	484669	482701	0.36	cps
Copper	63-2	1468648	1459648	1471707	1466668	0.43	cps
Dysprosium	156-1	185133	182817	184505	184152	0.65	cps
Dysprosium	156-2	167481	166591	168328	167467	0.52	cps
Erbium	164-1	155852	155019	153933	154935	0.62	cps
Erbium	164-2	113906	113882	114091	113960	0.10	cps
Gadolinium	160-1	177040	178430	173863	176444	1.33	cps
Gadolinium	160-2	133772	135888	135669	135109	0.86	cps
Holmium	165-1	19845116	19041134	19070778	19319009	2.36	cps
Holmium	165-2	14211066	13996416	13995292	14067591	0.88	cps
Indium	115-1	16184394	15821292	15557315	15854334	1.99	cps
Indium	115-2	5801833	5761970	5854158	5805987	0.80	cps
Iron	56-2	633816817	633723671	634739151	634093213	0.09	cps
Iron	57-2	15746776	15650831	15876976	15758194	0.72	cps
Iron	54-2	34143202	34282437	34352827	34259489	0.31	cps
Krypton	83-1	530	520	497	516	3.32	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ60	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:52:05	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2761944	2757181	2732678	2750601	0.57	cps
Lead	207-1	2489901	2520491	2444331	2484908	1.54	cps
Lead	208-1	8900088	8940608	8716186	8852294	1.35	cps
Lithium	6-1	1975619	1912128	1860915	1916220	3.00	cps
Magnesium	24-2	12839745	12794941	12889962	12841549	0.37	cps
Manganese	55-2	11513062	11603122	11599470	11571885	0.44	cps
Molybdenum	94-1	212283	214724	211908	212972	0.72	cps
Molybdenum	95-1	12485	12876	12816	12726	1.65	cps
Molybdenum	96-1	55588	55384	54347	55107	1.21	cps
Molybdenum	97-1	8082	7922	7982	7996	1.01	cps
Molybdenum	98-1	20314	19984	19677	19992	1.59	cps
Neodymium	150-1	325239	331083	325733	327352	0.99	cps
Neodymium	150-2	202592	203636	203153	203127	0.26	cps
Nickel	60-2	183430	181602	182249	182427	0.51	cps
Phosphorus	31-2	67967	66330	68338	67545	1.58	cps
Potassium	39-2	9974715	9875174	9876969	9908953	0.57	cps
Rhodium	103-1	15182373	14818875	14483169	14828139	2.36	cps
Rhodium	103-2	8862243	8766184	8925036	8851154	0.90	cps
Scandium	45-1	9552139	9215045	9042884	9270023	2.79	cps
Scandium	45-2	776435	771208	772011	773218	0.36	cps
Selenium	82-1	1419	1267	1358	1348	5.67	cps
Selenium	77-2	533	540	547	540	1.23	cps
Selenium	78-2	1043	1040	1073	1052	1.74	cps
Silicon	28-1	19807739	19822457	19725720	19785305	0.26	cps
Silver	107-1	22150	22060	21663	21958	1.18	cps
Silver	109-1	20491	20812	20782	20695	0.86	cps
Sodium	23-2	380260	381488	381370	381040	0.18	cps
Strontium	86-1	1077463	1084623	1069688	1077258	0.69	cps
Strontium	88-1	9478345	9507432	9491513	9492430	0.15	cps
Sulfur	34-1	286344	284972	281125	284147	0.95	cps
Terbium	159-1	20227974	19843703	19483653	19851777	1.88	cps
Terbium	159-2	13931444	13779858	13707172	13806158	0.83	cps
Thallium	203-1	6425	6558	6422	6468	1.21	cps
Thallium	205-1	15976	15579	15696	15750	1.30	cps
Tin	118-1	25710	25212	26017	25646	1.58	cps
Titanium	47-1	1330245	1320859	1300775	1317293	1.14	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ60	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:52:05	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65068	64666	64254	64663	0.63	cps
Vanadium	51-2	908426	906407	905521	906785	0.16	cps
Yttrium	89-1	21668031	21005697	20719793	21131173	2.30	cps
Yttrium	89-2	5799338	5738940	5730789	5756356	0.65	cps
Zinc	66-2	1052558	1053869	1052434	1052953	0.08	cps
Zirconium	90-1	559503	562724	557729	559986	0.45	cps
Zirconium	91-1	124449	124774	124630	124618	0.13	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ61	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:55:07	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11938969	11979060	12094486	12004171	0.67	cps
Antimony	121-1	19053	18635	18759	18816	1.14	cps
Arsenic	75-2	88109	88666	88187	88321	0.34	cps
Barium	135-1	1467076	1449953	1444157	1453729	0.82	cps
Barium	137-1	2575975	2569440	2526325	2557247	1.05	cps
Beryllium	9-1	2137	2063	2067	2089	1.98	cps
Bismuth	209-1	11589412	11460752	11294214	11448126	1.29	cps
Bismuth	209-2	9910570	9823285	9793190	9842349	0.62	cps
Bromine	81-1	17350	17554	17751	17552	1.14	cps
Bromine	81-2	923	957	823	901	7.70	cps
Cadmium	108-1	670	683	633	662	3.91	cps
Cadmium	106-1	6241	6101	5788	6044	3.84	cps
Cadmium	111-1	10031	9937	9529	9833	2.71	cps
Calcium	43-1	740997	729462	724020	731493	1.19	cps
Calcium	44-1	11656418	11406290	11289973	11450893	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	384423	381047	379460	381643	0.66	cps
Cobalt	59-2	453995	453707	452603	453435	0.16	cps
Copper	63-2	1075020	1069289	1061408	1068572	0.64	cps
Dysprosium	156-1	134244	135910	132639	134265	1.22	cps
Dysprosium	156-2	121419	119785	121016	120740	0.70	cps
Erbium	164-1	114531	113231	112397	113386	0.95	cps
Erbium	164-2	83812	84151	82995	83653	0.71	cps
Gadolinium	160-1	130582	128650	127847	129026	1.09	cps
Gadolinium	160-2	100299	98956	99067	99441	0.75	cps
Holmium	165-1	19508006	18899306	18957905	19121739	1.76	cps
Holmium	165-2	14248258	13940924	13989573	14059585	1.17	cps
Indium	115-1	16052456	15699136	15699062	15816885	1.29	cps
Indium	115-2	5948339	5810762	5844178	5867760	1.22	cps
Iron	56-2	596929284	586455778	587548018	590311027	0.98	cps
Iron	57-2	14756230	14658921	14691428	14702193	0.34	cps
Iron	54-2	32059325	31656063	31455187	31723525	0.97	cps
Krypton	83-1	440	440	453	444	1.73	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ61	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:55:07	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1393915	1383708	1374123	1383915	0.72	cps
Lead	207-1	1219477	1213336	1207903	1213572	0.48	cps
Lead	208-1	4506777	4473173	4458867	4479606	0.55	cps
Lithium	6-1	1926216	1865404	1884164	1891928	1.65	cps
Magnesium	24-2	8812078	8749759	8775082	8778973	0.36	cps
Manganese	55-2	10705255	10513866	10580139	10599754	0.92	cps
Molybdenum	94-1	116404	116663	115910	116326	0.33	cps
Molybdenum	95-1	12519	12682	12419	12540	1.06	cps
Molybdenum	96-1	37541	37665	36776	37328	1.29	cps
Molybdenum	97-1	8353	7762	7892	8002	3.88	cps
Molybdenum	98-1	22251	19720	19366	20446	7.69	cps
Neodymium	150-1	230247	228344	229031	229208	0.42	cps
Neodymium	150-2	143023	143876	141859	142919	0.71	cps
Nickel	60-2	123245	122838	122310	122798	0.38	cps
Phosphorus	31-2	58672	56962	57594	57743	1.50	cps
Potassium	39-2	7667524	7565892	7638249	7623888	0.69	cps
Rhodium	103-1	15200795	14669304	14668602	14846234	2.07	cps
Rhodium	103-2	8967074	8964951	8964495	8965507	0.02	cps
Scandium	45-1	9237412	8931276	8886235	9018308	2.12	cps
Scandium	45-2	760946	758465	755804	758405	0.34	cps
Selenium	82-1	1227	1185	1100	1171	5.53	cps
Selenium	77-2	390	340	390	373	7.73	cps
Selenium	78-2	833	870	850	851	2.16	cps
Silicon	28-1	14261227	14171102	13890637	14107655	1.37	cps
Silver	107-1	11371	11064	10854	11097	2.34	cps
Silver	109-1	10497	9880	10294	10224	3.08	cps
Sodium	23-2	212364	211955	209823	211380	0.65	cps
Strontium	86-1	490268	482926	481963	485053	0.94	cps
Strontium	88-1	4322095	4325014	4239781	4295630	1.13	cps
Sulfur	34-1	242457	241066	238323	240615	0.87	cps
Terbium	159-1	19820138	19569201	19539121	19642820	0.79	cps
Terbium	159-2	13959404	14052932	13759129	13923821	1.08	cps
Thallium	203-1	4978	5064	4878	4973	1.88	cps
Thallium	205-1	12452	11992	11812	12085	2.73	cps
Tin	118-1	32951	32787	31214	32318	2.97	cps
Titanium	47-1	1851636	1824413	1818689	1831580	0.96	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ61	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:55:07	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54923	55221	54200	54781	0.96	cps
Vanadium	51-2	933554	919616	926883	926684	0.75	cps
Yttrium	89-1	20926453	20595327	20133524	20551768	1.94	cps
Yttrium	89-2	5562177	5547766	5511250	5540398	0.47	cps
Zinc	66-2	510544	507837	508774	509052	0.27	cps
Zirconium	90-1	294423	293980	294144	294182	0.08	cps
Zirconium	91-1	65847	65351	65639	65612	0.38	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ62	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:58:09	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14478944	14477840	14335627	14430804	0.57	cps
Antimony	121-1	16446	16460	16716	16541	0.92	cps
Arsenic	75-2	129394	129946	129307	129549	0.27	cps
Barium	135-1	1916680	1900534	1889805	1902340	0.71	cps
Barium	137-1	3331774	3291202	3285822	3302933	0.76	cps
Beryllium	9-1	2274	2364	2394	2344	2.67	cps
Bismuth	209-1	11432198	11327680	11283455	11347777	0.67	cps
Bismuth	209-2	9890674	9939415	9781515	9870535	0.82	cps
Bromine	81-1	19807	20488	20634	20310	2.17	cps
Bromine	81-2	1410	1490	1370	1423	4.29	cps
Cadmium	108-1	1053	1077	1047	1059	1.49	cps
Cadmium	106-1	6758	6762	6705	6742	0.47	cps
Cadmium	111-1	13787	13956	13971	13905	0.74	cps
Calcium	43-1	1319539	1316779	1296070	1310796	0.98	cps
Calcium	44-1	21339992	21531510	21236698	21369400	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	423594	421401	423298	422764	0.28	cps
Cobalt	59-2	406212	409205	403703	406373	0.68	cps
Copper	63-2	1119139	1120037	1115882	1118353	0.20	cps
Dysprosium	156-1	148640	149480	147444	148521	0.69	cps
Dysprosium	156-2	136506	134102	133965	134858	1.06	cps
Erbium	164-1	123624	125814	123809	124416	0.98	cps
Erbium	164-2	93124	92047	91856	92342	0.74	cps
Gadolinium	160-1	142139	141543	141516	141733	0.25	cps
Gadolinium	160-2	110125	109805	108919	109616	0.57	cps
Holmium	165-1	19253763	19048855	18874486	19059035	1.00	cps
Holmium	165-2	14009627	13991937	14105876	14035814	0.44	cps
Indium	115-1	15861315	15620267	15426687	15636090	1.39	cps
Indium	115-2	5932156	5749537	5849010	5843567	1.56	cps
Iron	56-2	533005459	537400619	530173979	533526685	0.68	cps
Iron	57-2	13342803	13325200	13182195	13283399	0.66	cps
Iron	54-2	28894888	28819871	28703751	28806170	0.33	cps
Krypton	83-1	450	537	480	489	9.00	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ62	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:58:09	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2321914	2367214	2353942	2347690	0.99	cps
Lead	207-1	2204559	2176588	2213323	2198157	0.87	cps
Lead	208-1	7791781	7714652	7795441	7767291	0.59	cps
Lithium	6-1	1878775	1858440	1858118	1865111	0.63	cps
Magnesium	24-2	10788115	10887417	10738705	10804746	0.70	cps
Manganese	55-2	9825728	9894338	9760446	9826837	0.68	cps
Molybdenum	94-1	151497	152646	150564	151569	0.69	cps
Molybdenum	95-1	11915	11691	11468	11691	1.91	cps
Molybdenum	96-1	42137	41385	41639	41720	0.92	cps
Molybdenum	97-1	7352	7512	7389	7418	1.13	cps
Molybdenum	98-1	18702	18739	18392	18611	1.02	cps
Neodymium	150-1	256162	256580	255741	256161	0.16	cps
Neodymium	150-2	161671	162902	161554	162042	0.46	cps
Nickel	60-2	152961	152280	152203	152481	0.27	cps
Phosphorus	31-2	79119	79760	79689	79523	0.44	cps
Potassium	39-2	9094400	9118114	9121003	9111172	0.16	cps
Rhodium	103-1	14705587	14761538	14563420	14676848	0.70	cps
Rhodium	103-2	8996830	8832679	8847382	8892297	1.02	cps
Scandium	45-1	9128972	9030383	8944379	9034578	1.02	cps
Scandium	45-2	763918	764650	759650	762739	0.35	cps
Selenium	82-1	1468	1311	1334	1371	6.18	cps
Selenium	77-2	417	463	510	463	10.07	cps
Selenium	78-2	1173	1073	863	1037	15.26	cps
Silicon	28-1	3563950	3319455	2834183	3239196	11.47	cps
Silver	107-1	21873	22043	21369	21762	1.61	cps
Silver	109-1	20101	20388	20782	20423	1.67	cps
Sodium	23-2	232174	233669	232167	232670	0.37	cps
Strontium	86-1	898554	903425	904267	902082	0.34	cps
Strontium	88-1	8031870	8006993	8055908	8031590	0.30	cps
Sulfur	34-1	327011	327157	326170	326779	0.16	cps
Terbium	159-1	19702687	19497323	19547833	19582614	0.55	cps
Terbium	159-2	13827852	13886305	13822801	13845653	0.25	cps
Thallium	203-1	6158	6372	6218	6249	1.76	cps
Thallium	205-1	15122	14818	14154	14698	3.37	cps
Tin	118-1	42222	41911	41911	42014	0.43	cps
Titanium	47-1	1207302	1202099	1201769	1203723	0.26	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ62	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 18:58:09	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52068	52028	51673	51923	0.42	cps
Vanadium	51-2	760086	762577	757326	759996	0.35	cps
Yttrium	89-1	20855148	20595702	20535727	20662192	0.82	cps
Yttrium	89-2	5657332	5666803	5620832	5648322	0.43	cps
Zinc	66-2	917388	918385	916128	917300	0.12	cps
Zirconium	90-1	391249	395314	393901	393488	0.52	cps
Zirconium	91-1	86828	87827	88001	87552	0.72	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ63	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:01:11	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16203296	16051005	16082449	16112250	0.50	cps
Antimony	121-1	44365	43693	43863	43974	0.79	cps
Arsenic	75-2	348575	345658	343665	345966	0.71	cps
Barium	135-1	2421063	2390257	2332550	2381290	1.89	cps
Barium	137-1	4137610	4005005	4022528	4055048	1.78	cps
Beryllium	9-1	2380	2554	2547	2494	3.94	cps
Bismuth	209-1	11862715	11629204	11630849	11707589	1.15	cps
Bismuth	209-2	10202937	9956377	9990592	10049969	1.33	cps
Bromine	81-1	19917	20211	20227	20118	0.87	cps
Bromine	81-2	1230	1220	1233	1228	0.57	cps
Cadmium	108-1	1457	1390	1490	1446	3.52	cps
Cadmium	106-1	7749	7582	7382	7571	2.43	cps
Cadmium	111-1	20013	20473	19563	20016	2.28	cps
Calcium	43-1	1930185	1902804	1914462	1915817	0.72	cps
Calcium	44-1	31143408	30849314	30587855	30860192	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	403641	402759	400080	402160	0.46	cps
Cobalt	59-2	400781	396777	395637	397732	0.68	cps
Copper	63-2	1171465	1169542	1159611	1166873	0.55	cps
Dysprosium	156-1	144690	146821	142998	144837	1.32	cps
Dysprosium	156-2	127960	129571	129474	129001	0.70	cps
Erbium	164-1	122941	121650	121213	121935	0.74	cps
Erbium	164-2	88860	89950	88960	89257	0.67	cps
Gadolinium	160-1	140786	139220	135787	138597	1.84	cps
Gadolinium	160-2	106867	105755	104939	105854	0.91	cps
Holmium	165-1	19816236	19708111	19480270	19668206	0.87	cps
Holmium	165-2	14405051	14341781	14339494	14362109	0.26	cps
Indium	115-1	16507468	16138866	15876389	16174241	1.96	cps
Indium	115-2	5981955	5887651	5854083	5907896	1.12	cps
Iron	56-2	580126738	580044311	568754565	576308538	1.14	cps
Iron	57-2	14526235	14357853	14385684	14423257	0.63	cps
Iron	54-2	31265986	31050189	31045242	31120472	0.41	cps
Krypton	83-1	507	480	477	488	3.37	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ63	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:01:11	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5961783	5995916	5881465	5946388	0.99	cps
Lead	207-1	5701705	5734194	5589272	5675057	1.34	cps
Lead	208-1	20038945	20023010	19826558	19962838	0.59	cps
Lithium	6-1	1959291	1904553	1916263	1926702	1.50	cps
Magnesium	24-2	12026133	11998467	11898762	11974454	0.56	cps
Manganese	55-2	9417197	9484785	9305190	9402391	0.96	cps
Molybdenum	94-1	136038	136156	136435	136210	0.15	cps
Molybdenum	95-1	13723	13460	13686	13623	1.05	cps
Molybdenum	96-1	43107	42558	42167	42611	1.11	cps
Molybdenum	97-1	8236	8769	8433	8479	3.18	cps
Molybdenum	98-1	22287	22023	21349	21886	2.21	cps
Neodymium	150-1	249807	249680	249860	249782	0.04	cps
Neodymium	150-2	155639	156084	152545	154756	1.25	cps
Nickel	60-2	138557	138835	136864	138085	0.77	cps
Phosphorus	31-2	70233	69671	69775	69893	0.43	cps
Potassium	39-2	8791500	8800260	8793579	8795113	0.05	cps
Rhodium	103-1	15138247	15123386	15005958	15089197	0.48	cps
Rhodium	103-2	9130453	9095819	9050957	9092410	0.44	cps
Scandium	45-1	9365808	9312513	9191894	9290072	0.96	cps
Scandium	45-2	785990	776554	777196	779914	0.68	cps
Selenium	82-1	2255	2261	2267	2261	0.26	cps
Selenium	77-2	597	580	527	568	6.44	cps
Selenium	78-2	1363	1313	1310	1329	2.25	cps
Silicon	28-1	23167616	23109515	22928295	23068476	0.54	cps
Silver	107-1	50852	51083	51554	51163	0.70	cps
Silver	109-1	47989	49257	47959	48402	1.53	cps
Sodium	23-2	258356	258203	258416	258325	0.04	cps
Strontium	86-1	1278517	1270706	1257950	1269058	0.82	cps
Strontium	88-1	11254448	11370397	11345889	11323578	0.54	cps
Sulfur	34-1	369501	367409	365631	367514	0.53	cps
Terbium	159-1	20447758	20279122	19704546	20143809	1.93	cps
Terbium	159-2	14220104	14322420	14109695	14217406	0.75	cps
Thallium	203-1	7249	7232	7382	7288	1.13	cps
Thallium	205-1	17385	17618	17418	17474	0.72	cps
Tin	118-1	15231	15011	15165	15136	0.75	cps
Titanium	47-1	1096773	1085282	1071530	1084529	1.17	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ63	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:01:11	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47618	48150	48217	47995	0.68	cps
Vanadium	51-2	811641	809724	805699	809021	0.37	cps
Yttrium	89-1	21335161	20926176	21125990	21129109	0.97	cps
Yttrium	89-2	5691012	5720730	5632879	5681540	0.79	cps
Zinc	66-2	1437449	1431774	1431322	1433515	0.24	cps
Zirconium	90-1	352166	349958	350216	350780	0.34	cps
Zirconium	91-1	79092	78833	77533	78486	1.06	cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ64	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:04:10	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14016490	13739214	13599888	13785197	1.54	cps
Antimony	121-1	12072	11738	11551	11787	2.24	cps
Arsenic	75-2	83959	83851	84693	84168	0.54	cps
Barium	135-1	1569316	1558491	1548141	1558649	0.68	cps
Barium	137-1	2779282	2746283	2743206	2756257	0.73	cps
Beryllium	9-1	2310	2207	2250	2256	2.30	cps
Bismuth	209-1	11744856	11568911	11411011	11574926	1.44	cps
Bismuth	209-2	8513523	10055234	10046660	9538472	9.31	cps
Bromine	81-1	19119	18775	19273	19056	1.34	cps
Bromine	81-2	1187	1057	1040	1094	7.34	cps
Cadmium	108-1	687	687	730	701	3.57	cps
Cadmium	106-1	6562	6315	6278	6385	2.41	cps
Cadmium	111-1	11538	11015	10822	11125	3.33	cps
Calcium	43-1	1527093	1522010	1482735	1510613	1.61	cps
Calcium	44-1	24652790	24490447	24187385	24443540	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	465165	458536	455691	459797	1.06	cps
Cobalt	59-2	408154	405238	402450	405280	0.70	cps
Copper	63-2	1222482	1207647	1199465	1209865	0.96	cps
Dysprosium	156-1	145771	142561	141931	143421	1.44	cps
Dysprosium	156-2	130136	127772	127674	128527	1.08	cps
Erbium	164-1	121862	117761	118463	119362	1.84	cps
Erbium	164-2	87810	87146	87599	87518	0.39	cps
Gadolinium	160-1	137180	136221	134198	135866	1.12	cps
Gadolinium	160-2	105778	104882	103200	104620	1.25	cps
Holmium	165-1	19804570	19460692	19258319	19507860	1.42	cps
Holmium	165-2	12159334	14326435	14304989	13596920	9.16	cps
Indium	115-1	16143151	15839336	15709692	15897393	1.40	cps
Indium	115-2	5016706	5890992	5895380	5601026	9.03	cps
Iron	56-2	562314472	546702445	551721405	553579441	1.44	cps
Iron	57-2	13822236	13681102	13656660	13719999	0.65	cps
Iron	54-2	30562902	29674053	29685903	29974286	1.70	cps
Krypton	83-1	433	440	430	434	1.17	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ64	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:04:10	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1934225	1899165	1891557	1908315	1.19	cps
Lead	207-1	1568670	1558860	1566179	1564570	0.33	cps
Lead	208-1	5902262	5850346	5797634	5850080	0.89	cps
Lithium	6-1	1956741	1939802	1864290	1920277	2.56	cps
Magnesium	24-2	10268064	10112506	10210572	10197047	0.77	cps
Manganese	55-2	9735141	9340431	9480715	9518762	2.10	cps
Molybdenum	94-1	112945	111921	112246	112370	0.47	cps
Molybdenum	95-1	12696	13146	13279	13040	2.35	cps
Molybdenum	96-1	37936	36987	37699	37540	1.32	cps
Molybdenum	97-1	8266	8499	8276	8347	1.58	cps
Molybdenum	98-1	20301	20988	20715	20668	1.67	cps
Neodymium	150-1	246014	245228	241658	244300	0.95	cps
Neodymium	150-2	154503	153070	152590	153388	0.65	cps
Nickel	60-2	145831	144171	142785	144262	1.06	cps
Phosphorus	31-2	117372	116146	114981	116167	1.03	cps
Potassium	39-2	10436528	10325232	10208199	10323320	1.11	cps
Rhodium	103-1	15104981	14797856	14757328	14886722	1.28	cps
Rhodium	103-2	7661428	9030745	9135962	8609378	9.56	cps
Scandium	45-1	9396261	9148872	9038301	9194478	1.99	cps
Scandium	45-2	668440	761274	765904	731873	7.51	cps
Selenium	82-1	1198	1220	1250	1223	2.11	cps
Selenium	77-2	400	453	433	429	6.28	cps
Selenium	78-2	893	963	947	934	3.91	cps
Silicon	28-1	15073319	14796720	14764550	14878196	1.14	cps
Silver	107-1	10701	10844	10661	10735	0.90	cps
Silver	109-1	10551	10224	10217	10330	1.85	cps
Sodium	23-2	681559	668323	676196	675359	0.99	cps
Strontium	86-1	665245	663289	654611	661048	0.86	cps
Strontium	88-1	5967555	5832114	5818979	5872883	1.40	cps
Sulfur	34-1	271634	270403	271078	271038	0.23	cps
Terbium	159-1	20313409	19860001	19713953	19962454	1.57	cps
Terbium	159-2	12128853	14389848	14179432	13566044	9.21	cps
Thallium	203-1	5124	5538	5438	5367	4.02	cps
Thallium	205-1	12933	12973	12956	12954	0.16	cps
Tin	118-1	28992	29347	28652	28997	1.20	cps
Titanium	47-1	1810932	1753471	1746684	1770362	1.99	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ64	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:04:10	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56252	56807	55940	56333	0.78	cps
Vanadium	51-2	824938	812596	808420	815318	1.05	cps
Yttrium	89-1	21221796	20610879	20504574	20779083	1.86	cps
Yttrium	89-2	4829973	5633384	5638340	5367232	8.67	cps
Zinc	66-2	709265	696552	696187	700668	1.06	cps
Zirconium	90-1	285085	285955	282901	284647	0.55	cps
Zirconium	91-1	65010	63031	62814	63618	1.90	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ65	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:07:14	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14718579	14724421	14777546	14740182	0.22	cps
Antimony	121-1	12539	12566	12579	12561	0.16	cps
Arsenic	75-2	83469	83074	82397	82980	0.65	cps
Barium	135-1	1853819	1827228	1791326	1824125	1.72	cps
Barium	137-1	3125617	3111872	3116165	3117885	0.23	cps
Beryllium	9-1	2554	2457	2450	2487	2.33	cps
Bismuth	209-1	11893995	11516237	11257752	11555995	2.77	cps
Bismuth	209-2	9903348	10075422	9863639	9947470	1.13	cps
Bromine	81-1	18712	18946	19573	19077	2.33	cps
Bromine	81-2	957	1013	937	969	4.10	cps
Cadmium	108-1	730	713	693	712	2.58	cps
Cadmium	106-1	6705	6391	6095	6397	4.77	cps
Cadmium	111-1	10310	9796	9559	9888	3.89	cps
Calcium	43-1	1312677	1279549	1261050	1284425	2.04	cps
Calcium	44-1	20859269	20885353	20718408	20821010	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	439385	434692	436823	436967	0.54	cps
Cobalt	59-2	447354	444264	442321	444646	0.57	cps
Copper	63-2	1051297	1048811	1053011	1051040	0.20	cps
Dysprosium	156-1	155924	155709	153218	154950	0.97	cps
Dysprosium	156-2	138057	138269	138811	138379	0.28	cps
Erbium	164-1	128928	128518	126600	128015	0.97	cps
Erbium	164-2	94174	93456	94520	94050	0.58	cps
Gadolinium	160-1	144358	146426	145102	145295	0.72	cps
Gadolinium	160-2	110216	111365	111452	111011	0.62	cps
Holmium	165-1	20263244	19338231	19138032	19579836	3.07	cps
Holmium	165-2	14041844	14343039	14262402	14215762	1.10	cps
Indium	115-1	16531283	15716700	15641225	15963069	3.09	cps
Indium	115-2	5752212	5866520	5754203	5790978	1.13	cps
Iron	56-2	592299098	584127471	587722218	588049596	0.70	cps
Iron	57-2	14673426	14558881	14700506	14644271	0.51	cps
Iron	54-2	31872772	31830647	31576634	31760018	0.50	cps
Krypton	83-1	513	453	523	497	7.62	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ65	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:07:14	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1163204	1153422	1149420	1155349	0.61	cps
Lead	207-1	1019160	1017036	1009567	1015254	0.50	cps
Lead	208-1	3780758	3780845	3678577	3746727	1.58	cps
Lithium	6-1	1971108	1885332	1912674	1923038	2.28	cps
Magnesium	24-2	11112724	10970870	10963101	11015565	0.76	cps
Manganese	55-2	10014965	9898114	9938478	9950519	0.60	cps
Molybdenum	94-1	142562	143774	142647	142994	0.47	cps
Molybdenum	95-1	12495	12442	12339	12425	0.64	cps
Molybdenum	96-1	42007	42458	41880	42115	0.72	cps
Molybdenum	97-1	7819	7789	7605	7738	1.49	cps
Molybdenum	98-1	19980	19660	19653	19765	0.95	cps
Neodymium	150-1	261717	261654	263039	262137	0.30	cps
Neodymium	150-2	164204	162164	161813	162727	0.79	cps
Nickel	60-2	145470	144279	142751	144167	0.95	cps
Phosphorus	31-2	83033	82722	81368	82374	1.07	cps
Potassium	39-2	9615317	9664594	9665755	9648555	0.30	cps
Rhodium	103-1	15502937	14604739	14480994	14862890	3.75	cps
Rhodium	103-2	8777728	8928685	8847312	8851242	0.85	cps
Scandium	45-1	9479658	9058537	8985118	9174438	2.91	cps
Scandium	45-2	756121	761542	755836	757833	0.42	cps
Selenium	82-1	1146	1103	1066	1105	3.64	cps
Selenium	77-2	403	443	473	440	7.98	cps
Selenium	78-2	893	837	950	893	6.34	cps
Silicon	28-1	19057080	19068666	18644602	18923449	1.28	cps
Silver	107-1	9980	9693	9943	9872	1.58	cps
Silver	109-1	9056	9253	9153	9154	1.07	cps
Sodium	23-2	255243	253043	253513	253933	0.46	cps
Strontium	86-1	895757	882828	885057	887881	0.78	cps
Strontium	88-1	7935498	7876047	7841524	7884356	0.60	cps
Sulfur	34-1	258277	259326	258013	258539	0.27	cps
Terbium	159-1	20581563	19818109	19551532	19983735	2.68	cps
Terbium	159-2	13952832	14029536	13926562	13969643	0.38	cps
Thallium	203-1	6145	5685	5808	5879	4.05	cps
Thallium	205-1	13500	13760	13377	13546	1.45	cps
Tin	118-1	23459	23185	22588	23077	1.93	cps
Titanium	47-1	1797253	1801915	1816166	1805111	0.55	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ65	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:07:14	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52888	53527	52450	52955	1.02	cps
Vanadium	51-2	889207	883007	886957	886390	0.35	cps
Yttrium	89-1	21608040	20738459	20582236	20976245	2.63	cps
Yttrium	89-2	5655767	5606176	5566921	5609621	0.79	cps
Zinc	66-2	607866	601557	599787	603070	0.70	cps
Zirconium	90-1	370801	367315	362766	366961	1.10	cps
Zirconium	91-1	82406	82956	81226	82196	1.08	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ66	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:10:15	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14668656	14624914	14575999	14623190	0.32	cps
Antimony	121-1	9380	9273	9176	9276	1.10	cps
Arsenic	75-2	75410	76358	75306	75692	0.77	cps
Barium	135-1	1814172	1790178	1800124	1801491	0.67	cps
Barium	137-1	3157621	3117399	3064114	3113045	1.51	cps
Beryllium	9-1	2670	2360	2364	2465	7.22	cps
Bismuth	209-1	11627519	11574219	11225577	11475771	1.90	cps
Bismuth	209-2	9776291	9863264	9833274	9824277	0.45	cps
Bromine	81-1	19152	19229	18972	19118	0.69	cps
Bromine	81-2	1010	1040	1100	1050	4.36	cps
Cadmium	108-1	710	760	797	756	5.76	cps
Cadmium	106-1	6868	6575	6288	6577	4.41	cps
Cadmium	111-1	9962	9752	9625	9780	1.74	cps
Calcium	43-1	1347747	1324906	1324372	1332342	1.00	cps
Calcium	44-1	21799021	21521471	21557864	21626119	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	425392	422753	421480	423208	0.47	cps
Cobalt	59-2	426699	425844	425445	425996	0.15	cps
Copper	63-2	1045972	1036609	1036064	1039549	0.54	cps
Dysprosium	156-1	153050	150463	149815	151109	1.13	cps
Dysprosium	156-2	135314	135489	136210	135671	0.35	cps
Erbium	164-1	125174	123977	124953	124701	0.51	cps
Erbium	164-2	91353	92708	91047	91703	0.96	cps
Gadolinium	160-1	143571	142519	142216	142768	0.50	cps
Gadolinium	160-2	107979	109651	108735	108788	0.77	cps
Holmium	165-1	19661578	19256813	19002132	19306841	1.72	cps
Holmium	165-2	14169661	14121565	13902074	14064433	1.01	cps
Indium	115-1	16056212	15702807	15402388	15720469	2.08	cps
Indium	115-2	5769015	5841903	5765581	5792167	0.74	cps
Iron	56-2	583726871	581502831	574182631	579804111	0.86	cps
Iron	57-2	14530145	14227391	14373141	14376892	1.05	cps
Iron	54-2	31223342	31477278	31301019	31333880	0.42	cps
Krypton	83-1	503	517	450	490	7.20	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ66	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:10:15	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1157628	1143555	1145571	1148918	0.66	cps
Lead	207-1	1015176	1006580	999971	1007242	0.76	cps
Lead	208-1	3718818	3711060	3686927	3705601	0.45	cps
Lithium	6-1	1943037	1883414	1894449	1906967	1.66	cps
Magnesium	24-2	10923229	10948383	10804681	10892098	0.70	cps
Manganese	55-2	9792282	9798767	9756453	9782501	0.23	cps
Molybdenum	94-1	153154	153572	151430	152719	0.74	cps
Molybdenum	95-1	11872	11461	11338	11557	2.42	cps
Molybdenum	96-1	43655	41886	43040	42860	2.09	cps
Molybdenum	97-1	7462	7412	7305	7393	1.08	cps
Molybdenum	98-1	18362	18292	18899	18517	1.79	cps
Neodymium	150-1	258013	259618	256653	258095	0.58	cps
Neodymium	150-2	161820	160492	160428	160913	0.49	cps
Nickel	60-2	138539	140844	140080	139821	0.84	cps
Phosphorus	31-2	80282	80098	78939	79773	0.91	cps
Potassium	39-2	9530960	9507530	9385949	9474813	0.82	cps
Rhodium	103-1	14910934	14807015	14444482	14720810	1.66	cps
Rhodium	103-2	8862909	8942669	8866401	8890660	0.51	cps
Scandium	45-1	9241168	9045378	9005354	9097300	1.39	cps
Scandium	45-2	757793	752838	754958	755197	0.33	cps
Selenium	82-1	1056	1058	1121	1078	3.41	cps
Selenium	77-2	370	427	463	420	11.20	cps
Selenium	78-2	927	900	917	914	1.47	cps
Silicon	28-1	18471326	17481025	17499223	17817191	3.18	cps
Silver	107-1	9947	10294	10030	10090	1.79	cps
Silver	109-1	9203	9320	9530	9351	1.77	cps
Sodium	23-2	257275	256251	254571	256032	0.53	cps
Strontium	86-1	893727	885727	881125	886860	0.72	cps
Strontium	88-1	7965474	7914629	7819465	7899856	0.94	cps
Sulfur	34-1	262382	258728	259244	260118	0.76	cps
Terbium	159-1	19862798	19958261	19627880	19816313	0.86	cps
Terbium	159-2	14025893	13926168	13863754	13938605	0.59	cps
Thallium	203-1	5801	5615	5611	5676	1.92	cps
Thallium	205-1	13250	13844	13327	13473	2.40	cps
Tin	118-1	28689	29440	28622	28917	1.57	cps
Titanium	47-1	1674388	1674898	1651684	1666990	0.80	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ66	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:10:15	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51168	51797	50883	51283	0.91	cps
Vanadium	51-2	884173	874718	878837	879243	0.54	cps
Yttrium	89-1	21026433	20780208	20500694	20769112	1.27	cps
Yttrium	89-2	5573230	5611507	5594341	5593026	0.34	cps
Zinc	66-2	588699	588139	588039	588292	0.06	cps
Zirconium	90-1	392331	392869	388342	391181	0.63	cps
Zirconium	91-1	87660	88200	86576	87479	0.95	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ67	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:13:18	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16657251	16806450	16618862	16694188	0.59	cps
Antimony	121-1	8036	7725	8172	7978	2.87	cps
Arsenic	75-2	103098	104135	102890	103374	0.64	cps
Barium	135-1	1915278	1876668	1866285	1886077	1.37	cps
Barium	137-1	3296804	3208161	3222551	3242505	1.47	cps
Beryllium	9-1	2900	3004	2744	2883	4.54	cps
Bismuth	209-1	11422895	11439420	11220956	11361090	1.07	cps
Bismuth	209-2	9931133	9799871	9753377	9828127	0.94	cps
Bromine	81-1	18395	18759	19266	18806	2.33	cps
Bromine	81-2	1090	1117	997	1068	5.90	cps
Cadmium	108-1	857	730	870	819	9.44	cps
Cadmium	106-1	6612	6838	6442	6630	3.00	cps
Cadmium	111-1	9983	10337	9795	10038	2.74	cps
Calcium	43-1	1194569	1194885	1175343	1188265	0.94	cps
Calcium	44-1	18749239	18599192	18431558	18593329	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	524261	522461	521463	522729	0.27	cps
Cobalt	59-2	547086	547675	546054	546939	0.15	cps
Copper	63-2	1147149	1141600	1144016	1144255	0.24	cps
Dysprosium	156-1	187453	187605	186439	187166	0.34	cps
Dysprosium	156-2	167361	167660	167280	167434	0.12	cps
Erbium	164-1	155862	156791	155083	155912	0.55	cps
Erbium	164-2	113517	114256	113015	113596	0.55	cps
Gadolinium	160-1	177365	178825	174869	177020	1.13	cps
Gadolinium	160-2	136261	136272	133445	135326	1.20	cps
Holmium	165-1	19448015	19360954	19016562	19275177	1.18	cps
Holmium	165-2	14227232	14099490	13896984	14074569	1.18	cps
Indium	115-1	15713326	15434163	15413748	15520412	1.08	cps
Indium	115-2	5806918	5682097	5670901	5719972	1.32	cps
Iron	56-2	734373562	732343776	732038256	732918531	0.17	cps
Iron	57-2	18166328	18301128	18145013	18204157	0.47	cps
Iron	54-2	40029433	39563323	39716473	39769743	0.60	cps
Krypton	83-1	440	480	423	448	6.50	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ67	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:13:18	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1172789	1185219	1158119	1172042	1.16	cps
Lead	207-1	1017737	1020006	1017475	1018406	0.14	cps
Lead	208-1	3758216	3781645	3762985	3767615	0.33	cps
Lithium	6-1	1877146	1884196	1931552	1897632	1.56	cps
Magnesium	24-2	12461392	12502096	12498505	12487331	0.18	cps
Manganese	55-2	11333033	11363430	11244830	11313764	0.54	cps
Molybdenum	94-1	161388	159639	159292	160106	0.70	cps
Molybdenum	95-1	13059	13113	13346	13173	1.16	cps
Molybdenum	96-1	48202	47801	46774	47593	1.55	cps
Molybdenum	97-1	8499	8382	7856	8246	4.16	cps
Molybdenum	98-1	21606	21479	20815	21300	1.99	cps
Neodymium	150-1	322659	319014	315869	319181	1.06	cps
Neodymium	150-2	198389	196754	198650	197931	0.52	cps
Nickel	60-2	166883	167476	166388	166916	0.33	cps
Phosphorus	31-2	87649	87465	88078	87731	0.36	cps
Potassium	39-2	11034689	11096990	10993914	11041864	0.47	cps
Rhodium	103-1	14711149	14537822	14397041	14548671	1.08	cps
Rhodium	103-2	8783658	8788852	8708811	8760441	0.51	cps
Scandium	45-1	9177768	9111188	8958800	9082585	1.24	cps
Scandium	45-2	753713	753212	747600	751509	0.45	cps
Selenium	82-1	1240	1054	1155	1149	8.08	cps
Selenium	77-2	530	547	533	537	1.64	cps
Selenium	78-2	987	1073	957	1006	6.03	cps
Silicon	28-1	16881845	17181681	16453701	16839076	2.17	cps
Silver	107-1	9933	9830	9510	9758	2.26	cps
Silver	109-1	9103	9123	9213	9146	0.64	cps
Sodium	23-2	347003	345331	343644	345326	0.49	cps
Strontium	86-1	721184	715910	707702	714932	0.95	cps
Strontium	88-1	6317113	6397951	6266402	6327155	1.05	cps
Sulfur	34-1	244231	241722	240646	242199	0.76	cps
Terbium	159-1	19734383	19404903	19263268	19467518	1.24	cps
Terbium	159-2	13843775	13901214	13854741	13866576	0.22	cps
Thallium	203-1	6211	6665	6432	6436	3.52	cps
Thallium	205-1	15432	15652	15429	15504	0.83	cps
Tin	118-1	23145	22675	22801	22874	1.06	cps
Titanium	47-1	2161612	2139014	2096694	2132440	1.55	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ67	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:13:18	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65839	66700	66210	66249	0.65	cps
Vanadium	51-2	1136057	1132889	1133151	1134032	0.16	cps
Yttrium	89-1	20925508	20903011	20637028	20821849	0.77	cps
Yttrium	89-2	5660641	5653028	5578235	5630635	0.81	cps
Zinc	66-2	601824	607674	606268	605255	0.50	cps
Zirconium	90-1	418380	415439	409197	414339	1.13	cps
Zirconium	91-1	92358	93975	91751	92695	1.24	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ68	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:16:19	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13581844	13679894	13513182	13591640	0.62	cps
Antimony	121-1	6878	6998	6952	6943	0.87	cps
Arsenic	75-2	88673	89360	89072	89035	0.39	cps
Barium	135-1	1511029	1536468	1529567	1525688	0.86	cps
Barium	137-1	2611062	2699299	2691800	2667387	1.83	cps
Beryllium	9-1	2317	2414	2190	2307	4.86	cps
Bismuth	209-1	12107319	11550348	11215108	11624258	3.88	cps
Bismuth	209-2	9862661	9882682	9859497	9868280	0.13	cps
Bromine	81-1	16870	17440	17153	17154	1.66	cps
Bromine	81-2	777	720	683	727	6.47	cps
Cadmium	108-1	913	767	887	856	9.13	cps
Cadmium	106-1	6628	6408	6261	6433	2.87	cps
Cadmium	111-1	10969	11251	11164	11128	1.30	cps
Calcium	43-1	978491	995166	984223	985960	0.86	cps
Calcium	44-1	15287368	15507900	15524258	15439842	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	404887	404838	405558	405094	0.10	cps
Cobalt	59-2	423541	421321	422704	422522	0.27	cps
Copper	63-2	1209788	1211026	1205592	1208802	0.24	cps
Dysprosium	156-1	148112	151089	150152	149784	1.02	cps
Dysprosium	156-2	134503	133830	135021	134451	0.44	cps
Erbium	164-1	123245	125638	124811	124565	0.98	cps
Erbium	164-2	92789	92282	90477	91849	1.32	cps
Gadolinium	160-1	141085	144483	142564	142711	1.19	cps
Gadolinium	160-2	109510	110757	110438	110235	0.59	cps
Holmium	165-1	20567986	19488086	19001579	19685883	4.07	cps
Holmium	165-2	14105171	14202469	13984445	14097361	0.77	cps
Indium	115-1	16848259	15717151	15425270	15996893	4.70	cps
Indium	115-2	5726243	5726645	5740018	5730968	0.14	cps
Iron	56-2	587893858	588490698	585951538	587445365	0.23	cps
Iron	57-2	14623668	14580870	14565061	14589866	0.21	cps
Iron	54-2	32009249	31560432	31680550	31750077	0.73	cps
Krypton	83-1	393	460	457	437	8.60	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ68	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:16:19	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1354877	1400788	1384772	1380146	1.69	cps
Lead	207-1	1185771	1223451	1208314	1205845	1.57	cps
Lead	208-1	4385158	4518874	4441083	4448372	1.51	cps
Lithium	6-1	2041906	1929709	1926141	1965919	3.35	cps
Magnesium	24-2	10123450	10119807	9957612	10066956	0.94	cps
Manganese	55-2	9363399	9214696	9306877	9294991	0.81	cps
Molybdenum	94-1	130166	132560	130784	131170	0.95	cps
Molybdenum	95-1	10871	11575	11388	11278	3.23	cps
Molybdenum	96-1	38511	39296	39363	39056	1.21	cps
Molybdenum	97-1	7035	7155	7149	7113	0.95	cps
Molybdenum	98-1	17834	17417	17561	17604	1.20	cps
Neodymium	150-1	251066	258174	258863	256035	1.69	cps
Neodymium	150-2	159514	160104	159682	159767	0.19	cps
Nickel	60-2	136184	137836	136144	136722	0.71	cps
Phosphorus	31-2	75237	75843	75636	75572	0.41	cps
Potassium	39-2	9846466	9869911	9924574	9880317	0.41	cps
Rhodium	103-1	15700529	14742677	14237820	14893675	4.99	cps
Rhodium	103-2	8649843	8725199	8855733	8743591	1.19	cps
Scandium	45-1	9544375	8974986	8819388	9112916	4.19	cps
Scandium	45-2	746656	746763	746216	746545	0.04	cps
Selenium	82-1	1241	1116	1057	1138	8.26	cps
Selenium	77-2	477	480	420	459	7.35	cps
Selenium	78-2	900	903	993	932	5.68	cps
Silicon	28-1	11404299	11394327	11527460	11442029	0.65	cps
Silver	107-1	11505	11495	11792	11597	1.45	cps
Silver	109-1	10267	11395	11218	10960	5.53	cps
Sodium	23-2	374759	373878	372338	373658	0.33	cps
Strontium	86-1	536791	542134	537555	538827	0.54	cps
Strontium	88-1	4800401	4797633	4817226	4805087	0.22	cps
Sulfur	34-1	237904	238966	240503	239124	0.55	cps
Terbium	159-1	21085557	19698443	19432205	20072068	4.42	cps
Terbium	159-2	13930244	13917794	13794955	13880997	0.54	cps
Thallium	203-1	5585	5851	5434	5623	3.75	cps
Thallium	205-1	13770	13624	13630	13675	0.61	cps
Tin	118-1	29811	30302	28876	29663	2.44	cps
Titanium	47-1	1920327	1948497	1952110	1940311	0.90	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ68	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:16:19	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57386	58776	58227	58130	1.20	cps
Vanadium	51-2	887127	884344	886106	885859	0.16	cps
Yttrium	89-1	21905453	20661530	20316383	20961122	3.99	cps
Yttrium	89-2	5459246	5477700	5515130	5484025	0.52	cps
Zinc	66-2	673504	679137	675501	676047	0.42	cps
Zirconium	90-1	331414	338367	336222	335334	1.06	cps
Zirconium	91-1	73811	76639	74421	74957	1.99	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-11	Instrumnet Name :	P7
Client Sample ID :	MYD012	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:19:24	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14652382	14485439	14457372	14531731	0.73	cps
Antimony	121-1	11181	11852	11511	11515	2.91	cps
Arsenic	75-2	222026	220930	218052	220336	0.93	cps
Barium	135-1	1569759	1573830	1557223	1566937	0.55	cps
Barium	137-1	2791056	2709967	2745067	2748697	1.48	cps
Beryllium	9-1	2424	2377	2420	2407	1.08	cps
Bismuth	209-1	11532866	11259771	11211715	11334784	1.53	cps
Bismuth	209-2	9868280	9723200	9745219	9778900	0.80	cps
Bromine	81-1	16813	17190	17377	17127	1.68	cps
Bromine	81-2	757	693	797	749	6.96	cps
Cadmium	108-1	1220	1280	1293	1265	3.09	cps
Cadmium	106-1	7205	6908	7435	7183	3.68	cps
Cadmium	111-1	17749	17483	17816	17683	1.00	cps
Calcium	43-1	1904209	1951298	1904020	1919842	1.42	cps
Calcium	44-1	31093365	31025511	30712510	30943795	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	336219	336544	335917	336227	0.09	cps
Cobalt	59-2	433809	434378	431174	433120	0.39	cps
Copper	63-2	2019538	2012605	2005355	2012499	0.35	cps
Dysprosium	156-1	151759	151190	150877	151276	0.30	cps
Dysprosium	156-2	134355	134287	134271	134304	0.03	cps
Erbium	164-1	132457	131350	129987	131265	0.94	cps
Erbium	164-2	97742	97168	97312	97407	0.31	cps
Gadolinium	160-1	148355	146415	145708	146826	0.93	cps
Gadolinium	160-2	113219	112584	111472	112425	0.79	cps
Holmium	165-1	19401463	19010271	18699087	19036941	1.85	cps
Holmium	165-2	13928000	13891341	13832113	13883818	0.35	cps
Indium	115-1	15656391	15607494	15382755	15548880	0.94	cps
Indium	115-2	5822868	5645585	5651396	5706616	1.76	cps
Iron	56-2	608265778	602757164	603557378	604860107	0.49	cps
Iron	57-2	15042501	15048972	15094268	15061914	0.19	cps
Iron	54-2	32774783	32561433	32820571	32718929	0.42	cps
Krypton	83-1	440	433	477	450	5.19	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-11	Instrumnet Name :	P7
Client Sample ID :	MYD012	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:19:24	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2196792	2218738	2206490	2207340	0.50	cps
Lead	207-1	2041818	2015542	2025818	2027726	0.65	cps
Lead	208-1	7277228	7191735	7198955	7222639	0.66	cps
Lithium	6-1	1907188	1856436	1860368	1874664	1.51	cps
Magnesium	24-2	12588984	12489669	12563804	12547486	0.41	cps
Manganese	55-2	11334689	11324443	11374248	11344460	0.23	cps
Molybdenum	94-1	135864	136283	136025	136057	0.16	cps
Molybdenum	95-1	10681	10677	10577	10645	0.55	cps
Molybdenum	96-1	40232	38868	39640	39580	1.73	cps
Molybdenum	97-1	6675	6695	6648	6673	0.35	cps
Molybdenum	98-1	17494	16780	16903	17059	2.24	cps
Neodymium	150-1	252794	252903	252915	252871	0.03	cps
Neodymium	150-2	156733	153967	156493	155731	0.98	cps
Nickel	60-2	144791	144609	145141	144847	0.19	cps
Phosphorus	31-2	67736	67990	67548	67758	0.33	cps
Potassium	39-2	6677020	6621763	6556532	6618438	0.91	cps
Rhodium	103-1	14746572	14475713	14297631	14506639	1.56	cps
Rhodium	103-2	8759903	8774658	8675108	8736556	0.61	cps
Scandium	45-1	8977312	8875907	8798143	8883787	1.01	cps
Scandium	45-2	752574	748986	743201	748254	0.63	cps
Selenium	82-1	1371	1377	1244	1331	5.65	cps
Selenium	77-2	517	443	427	462	10.36	cps
Selenium	78-2	1127	953	1087	1056	8.60	cps
Silicon	28-1	17837909	17821177	17748265	17802450	0.27	cps
Silver	107-1	23703	24003	23563	23756	0.95	cps
Silver	109-1	22244	22604	22234	22361	0.94	cps
Sodium	23-2	153954	153173	152910	153346	0.35	cps
Strontium	86-1	374230	370737	369151	371373	0.70	cps
Strontium	88-1	3283924	3306201	3246214	3278780	0.92	cps
Sulfur	34-1	483181	487804	485489	485491	0.48	cps
Terbium	159-1	19723755	19423003	19377713	19508157	0.96	cps
Terbium	159-2	13825768	13901477	13607053	13778099	1.11	cps
Thallium	203-1	6979	6825	6668	6824	2.27	cps
Thallium	205-1	16033	15823	16293	16050	1.47	cps
Tin	118-1	14297	13633	13780	13903	2.51	cps
Titanium	47-1	1108291	1117097	1103466	1109618	0.62	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-11	Instrumnet Name :	P7
Client Sample ID :	MYD012	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:19:24	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45334	45090	46109	45511	1.17	cps
Vanadium	51-2	894426	893342	886883	891550	0.46	cps
Yttrium	89-1	20525913	20461504	20252366	20413261	0.70	cps
Yttrium	89-2	5516499	5551451	5498094	5522014	0.49	cps
Zinc	66-2	918130	915706	916741	916859	0.13	cps
Zirconium	90-1	351444	350887	349337	350556	0.31	cps
Zirconium	91-1	79128	77493	78066	78229	1.06	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-12	Instrumnet Name :	P7
Client Sample ID :	MYD013	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:22:25	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13100121	13095491	13006116	13067242	0.41	cps
Antimony	121-1	5528	5434	5391	5451	1.28	cps
Arsenic	75-2	82849	83336	83033	83073	0.30	cps
Barium	135-1	1166710	1175242	1188921	1176958	0.95	cps
Barium	137-1	2056012	2086309	2082932	2075084	0.80	cps
Beryllium	9-1	2217	2257	2180	2218	1.73	cps
Bismuth	209-1	12195061	11585666	11202974	11661234	4.29	cps
Bismuth	209-2	9816479	9783700	9432768	9677649	2.20	cps
Bromine	81-1	16142	15879	16352	16124	1.47	cps
Bromine	81-2	613	597	613	608	1.58	cps
Cadmium	108-1	643	667	567	626	8.36	cps
Cadmium	106-1	6725	6158	5951	6278	6.38	cps
Cadmium	111-1	9965	9435	9347	9582	3.49	cps
Calcium	43-1	811174	817432	819779	816129	0.55	cps
Calcium	44-1	12814986	12875501	12782756	12824414	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	264674	263975	264980	264543	0.19	cps
Cobalt	59-2	366037	369227	362773	366013	0.88	cps
Copper	63-2	889955	888873	885578	888136	0.26	cps
Dysprosium	156-1	133043	133329	135486	133953	1.00	cps
Dysprosium	156-2	119520	119345	119769	119544	0.18	cps
Erbium	164-1	116904	117881	118614	117800	0.73	cps
Erbium	164-2	88223	88803	87569	88198	0.70	cps
Gadolinium	160-1	128994	131594	129693	130093	1.03	cps
Gadolinium	160-2	101756	102159	102515	102143	0.37	cps
Holmium	165-1	20610419	19420298	19079584	19703434	4.08	cps
Holmium	165-2	13832037	14089081	13357406	13759508	2.70	cps
Indium	115-1	17016916	16318050	15582018	16305661	4.40	cps
Indium	115-2	5765285	5785190	5485798	5678758	2.95	cps
Iron	56-2	520005686	517486166	520724072	519405308	0.33	cps
Iron	57-2	12845644	12912899	12927819	12895454	0.34	cps
Iron	54-2	28193233	27886738	27963274	28014415	0.57	cps
Krypton	83-1	473	423	460	452	5.72	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-12	Instrumnet Name :	P7
Client Sample ID :	MYD013	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:22:25	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	882619	893903	896464	890995	0.83	cps
Lead	207-1	788961	800963	803012	797645	0.95	cps
Lead	208-1	2920836	2919365	2883113	2907771	0.73	cps
Lithium	6-1	2091330	1917131	1879632	1962698	5.76	cps
Magnesium	24-2	9590008	9720555	9661515	9657359	0.68	cps
Manganese	55-2	9317603	9234940	9209697	9254080	0.61	cps
Molybdenum	94-1	127140	127576	128306	127674	0.46	cps
Molybdenum	95-1	7279	7028	6822	7043	3.25	cps
Molybdenum	96-1	32974	33458	33037	33156	0.79	cps
Molybdenum	97-1	4421	3957	4384	4254	6.06	cps
Molybdenum	98-1	10824	10707	10958	10830	1.16	cps
Neodymium	150-1	222469	225367	224871	224236	0.69	cps
Neodymium	150-2	141996	141240	140906	141381	0.40	cps
Nickel	60-2	115054	115729	115091	115291	0.33	cps
Phosphorus	31-2	49657	49944	49463	49688	0.49	cps
Potassium	39-2	6932963	6916160	6926701	6925275	0.12	cps
Rhodium	103-1	15777868	15067506	14602721	15149365	3.91	cps
Rhodium	103-2	8850487	8809432	8471217	8710379	2.39	cps
Scandium	45-1	9727341	9270065	8848608	9282005	4.73	cps
Scandium	45-2	750131	750400	718099	739543	2.51	cps
Selenium	82-1	1120	1125	1034	1093	4.70	cps
Selenium	77-2	397	453	387	412	8.72	cps
Selenium	78-2	883	837	827	849	3.56	cps
Silicon	28-1	17521914	18196580	17706789	17808428	1.96	cps
Silver	107-1	8029	8332	8032	8131	2.14	cps
Silver	109-1	7128	7475	7515	7373	2.89	cps
Sodium	23-2	142448	143659	142186	142764	0.55	cps
Strontium	86-1	294620	295853	295183	295219	0.21	cps
Strontium	88-1	2585732	2646105	2609905	2613914	1.16	cps
Sulfur	34-1	230008	224089	224583	226226	1.45	cps
Terbium	159-1	20991897	20135290	19490056	20205748	3.73	cps
Terbium	159-2	13699192	13934280	13266363	13633278	2.49	cps
Thallium	203-1	5458	5051	5021	5177	4.71	cps
Thallium	205-1	12466	12799	12693	12653	1.35	cps
Tin	118-1	9096	9233	9196	9175	0.77	cps
Titanium	47-1	1095683	1108188	1107783	1103885	0.64	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-12	Instrumnet Name :	P7
Client Sample ID :	MYD013	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:22:25	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35694	36961	36520	36392	1.77	cps
Vanadium	51-2	709154	703355	702584	705031	0.51	cps
Yttrium	89-1	21922831	21014451	20496016	21144433	3.42	cps
Yttrium	89-2	5529035	5473233	5310132	5437467	2.09	cps
Zinc	66-2	466441	463731	464068	464746	0.32	cps
Zirconium	90-1	333332	336005	335045	334794	0.40	cps
Zirconium	91-1	73794	74883	75235	74637	1.01	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-13	Instrumnet Name :	P7
Client Sample ID :	MYD014	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:25:32	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15418272	15345661	15417646	15393859	0.27	cps
Antimony	121-1	2967	3184	3190	3114	4.08	cps
Arsenic	75-2	69481	70480	68668	69543	1.31	cps
Barium	135-1	1378407	1388382	1373183	1379991	0.56	cps
Barium	137-1	2450087	2405844	2380584	2412172	1.46	cps
Beryllium	9-1	2707	2597	2764	2689	3.15	cps
Bismuth	209-1	11576425	11228677	11131465	11312189	2.07	cps
Bismuth	209-2	9802972	9835918	9847905	9828932	0.24	cps
Bromine	81-1	16653	16636	16713	16667	0.24	cps
Bromine	81-2	840	1007	860	902	10.09	cps
Cadmium	108-1	603	533	583	573	6.29	cps
Cadmium	106-1	6345	6105	5915	6121	3.52	cps
Cadmium	111-1	8180	8074	7836	8030	2.19	cps
Calcium	43-1	790282	789112	775160	784851	1.07	cps
Calcium	44-1	12373152	12304774	12044611	12240846	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	338736	337262	339064	338354	0.28	cps
Cobalt	59-2	410908	409881	412065	410951	0.27	cps
Copper	63-2	850198	849213	844136	847849	0.38	cps
Dysprosium	156-1	156626	156086	155177	155963	0.47	cps
Dysprosium	156-2	140871	140481	141807	141053	0.48	cps
Erbium	164-1	136068	134981	136724	135924	0.65	cps
Erbium	164-2	99937	99521	99155	99538	0.39	cps
Gadolinium	160-1	150485	151816	149507	150603	0.77	cps
Gadolinium	160-2	118058	117010	116795	117288	0.58	cps
Holmium	165-1	19516299	19106387	18852448	19158378	1.75	cps
Holmium	165-2	13890331	13952324	13946281	13929645	0.25	cps
Indium	115-1	16055835	15597068	15362710	15671871	2.25	cps
Indium	115-2	5775359	5770552	5769120	5771677	0.06	cps
Iron	56-2	554496245	549606912	544987925	549697027	0.86	cps
Iron	57-2	13774548	13636326	13702401	13704425	0.50	cps
Iron	54-2	30038357	29916945	29801720	29919008	0.40	cps
Krypton	83-1	507	490	490	496	1.94	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-13	Instrumnet Name :	P7
Client Sample ID :	MYD014	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:25:32	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	726824	723101	715242	721722	0.82	cps
Lead	207-1	637749	634990	632717	635152	0.40	cps
Lead	208-1	2296208	2298555	2278803	2291189	0.47	cps
Lithium	6-1	1932881	1859243	1857818	1883314	2.28	cps
Magnesium	24-2	10378882	10446433	10457663	10427659	0.41	cps
Manganese	55-2	10094146	10180260	10072416	10115607	0.56	cps
Molybdenum	94-1	151258	151032	148588	150293	0.99	cps
Molybdenum	95-1	7242	7495	7532	7423	2.13	cps
Molybdenum	96-1	37956	37932	37257	37715	1.05	cps
Molybdenum	97-1	4881	4397	4537	4605	5.40	cps
Molybdenum	98-1	11675	11751	11461	11629	1.29	cps
Neodymium	150-1	265947	268433	262559	265646	1.11	cps
Neodymium	150-2	166565	166395	166268	166409	0.09	cps
Nickel	60-2	134022	133363	132630	133338	0.52	cps
Phosphorus	31-2	47727	49072	48884	48561	1.50	cps
Potassium	39-2	7442664	7436239	7468497	7449134	0.23	cps
Rhodium	103-1	14977307	14503083	14288349	14589580	2.42	cps
Rhodium	103-2	8785220	8662475	8736480	8728058	0.71	cps
Scandium	45-1	9275026	9002285	8738864	9005392	2.98	cps
Scandium	45-2	749791	747304	746272	747789	0.24	cps
Selenium	82-1	1204	1022	984	1070	11.00	cps
Selenium	77-2	430	547	383	453	18.56	cps
Selenium	78-2	873	843	847	854	1.92	cps
Silicon	28-1	18809678	18675572	18531693	18672314	0.74	cps
Silver	107-1	6558	6415	6285	6419	2.13	cps
Silver	109-1	6138	6078	5901	6039	2.04	cps
Sodium	23-2	145671	145227	143760	144886	0.69	cps
Strontium	86-1	368138	365064	360629	364610	1.04	cps
Strontium	88-1	3249770	3209913	3166482	3208722	1.30	cps
Sulfur	34-1	194039	193208	192054	193100	0.52	cps
Terbium	159-1	20108589	19398593	19313383	19606855	2.23	cps
Terbium	159-2	13904875	13744144	13857839	13835619	0.60	cps
Thallium	203-1	6068	6145	5818	6010	2.84	cps
Thallium	205-1	13624	13627	13830	13694	0.87	cps
Tin	118-1	16169	16625	15909	16234	2.23	cps
Titanium	47-1	1255728	1219727	1237109	1237521	1.45	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-13	Instrumnet Name :	P7
Client Sample ID :	MYD014	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:25:32	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48635	49385	49803	49274	1.20	cps
Vanadium	51-2	784936	782365	780643	782648	0.28	cps
Yttrium	89-1	21058875	20524006	19996799	20526560	2.59	cps
Yttrium	89-2	5645236	5622495	5552738	5606823	0.86	cps
Zinc	66-2	389496	389637	388200	389111	0.20	cps
Zirconium	90-1	395183	391856	393133	393391	0.43	cps
Zirconium	91-1	88022	87194	86463	87226	0.89	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-14	Instrumnet Name :	P7
Client Sample ID :	MYD015	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:28:37	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15203353	15034994	15062557	15100301	0.60	cps
Antimony	121-1	5144	5174	5118	5145	0.55	cps
Arsenic	75-2	100578	101064	99866	100503	0.60	cps
Barium	135-1	1281295	1272602	1266873	1273590	0.57	cps
Barium	137-1	2213493	2270789	2222042	2235441	1.38	cps
Beryllium	9-1	2687	2707	2694	2696	0.38	cps
Bismuth	209-1	11553428	11232902	11235857	11340729	1.62	cps
Bismuth	209-2	9862599	9810298	9760661	9811186	0.52	cps
Bromine	81-1	16162	16382	16219	16255	0.70	cps
Bromine	81-2	620	660	663	648	3.72	cps
Cadmium	108-1	563	617	670	617	8.65	cps
Cadmium	106-1	6101	6231	6231	6188	1.21	cps
Cadmium	111-1	8241	8334	8184	8253	0.92	cps
Calcium	43-1	1696497	1687222	1711018	1698245	0.71	cps
Calcium	44-1	27835599	27548292	27548931	27644274	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	351762	347614	348253	349209	0.64	cps
Cobalt	59-2	497918	496869	492524	495770	0.58	cps
Copper	63-2	968712	967635	966268	967538	0.13	cps
Dysprosium	156-1	168444	166730	167205	167460	0.53	cps
Dysprosium	156-2	149479	147498	148944	148640	0.69	cps
Erbium	164-1	146765	145511	147068	146448	0.56	cps
Erbium	164-2	108037	107993	107738	107922	0.15	cps
Gadolinium	160-1	165626	164813	162544	164328	0.97	cps
Gadolinium	160-2	125832	126057	125459	125783	0.24	cps
Holmium	165-1	19509074	18865850	18814418	19063114	2.03	cps
Holmium	165-2	14121775	14166096	13894296	14060723	1.04	cps
Indium	115-1	15888988	15765369	15429734	15694697	1.51	cps
Indium	115-2	5756803	5702895	5773235	5744311	0.64	cps
Iron	56-2	624079137	625955257	622421084	624151826	0.28	cps
Iron	57-2	15538448	15546284	15389938	15491556	0.57	cps
Iron	54-2	34134473	33801097	33713468	33883013	0.66	cps
Krypton	83-1	470	437	490	466	5.79	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-14	Instrumnet Name :	P7
Client Sample ID :	MYD015	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:28:37	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	828871	816390	820115	821792	0.78	cps
Lead	207-1	727956	726646	720684	725095	0.53	cps
Lead	208-1	2610577	2607698	2591808	2603361	0.39	cps
Lithium	6-1	1934906	1831173	1874104	1880061	2.77	cps
Magnesium	24-2	11316104	11266616	11332632	11305117	0.30	cps
Manganese	55-2	10245650	10162399	10154026	10187359	0.50	cps
Molybdenum	94-1	147069	147115	145800	146661	0.51	cps
Molybdenum	95-1	8759	8773	8613	8715	1.02	cps
Molybdenum	96-1	39660	39747	39339	39582	0.54	cps
Molybdenum	97-1	5134	5321	4841	5099	4.75	cps
Molybdenum	98-1	13283	13630	13086	13333	2.07	cps
Neodymium	150-1	283666	280960	284237	282954	0.62	cps
Neodymium	150-2	176869	177468	176528	176955	0.27	cps
Nickel	60-2	147991	147046	146238	147092	0.60	cps
Phosphorus	31-2	59649	59599	59043	59430	0.57	cps
Potassium	39-2	6713516	6610358	6587319	6637064	1.01	cps
Rhodium	103-1	14840947	14411217	14458308	14570157	1.62	cps
Rhodium	103-2	8901982	8722497	8758604	8794361	1.08	cps
Scandium	45-1	9084169	9024749	8871703	8993540	1.22	cps
Scandium	45-2	757873	755304	755305	756161	0.20	cps
Selenium	82-1	1184	1231	1174	1196	2.54	cps
Selenium	77-2	490	477	407	458	9.78	cps
Selenium	78-2	890	987	893	923	5.94	cps
Silicon	28-1	15303856	15287591	15224024	15271824	0.28	cps
Silver	107-1	4774	4794	4938	4835	1.84	cps
Silver	109-1	4471	4241	4444	4385	2.87	cps
Sodium	23-2	189452	187496	188107	188352	0.53	cps
Strontium	86-1	408839	406608	406674	407374	0.31	cps
Strontium	88-1	3639403	3570072	3587854	3599110	1.00	cps
Sulfur	34-1	211857	215311	217508	214892	1.33	cps
Terbium	159-1	19755788	19642713	19467561	19622021	0.74	cps
Terbium	159-2	14040952	14049684	13860993	13983876	0.76	cps
Thallium	203-1	5194	4858	4928	4993	3.56	cps
Thallium	205-1	12252	12469	12152	12291	1.32	cps
Tin	118-1	17457	17681	17217	17452	1.33	cps
Titanium	47-1	1366537	1354749	1340577	1353954	0.96	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-14	Instrumnet Name :	P7
Client Sample ID :	MYD015	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:28:37	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46879	46477	46605	46654	0.44	cps
Vanadium	51-2	933114	932511	931422	932349	0.09	cps
Yttrium	89-1	21004914	20603250	20544742	20717635	1.21	cps
Yttrium	89-2	5695576	5609127	5591716	5632140	0.99	cps
Zinc	66-2	426879	425562	423055	425165	0.46	cps
Zirconium	90-1	386921	386820	383559	385767	0.50	cps
Zirconium	91-1	85755	84937	85551	85414	0.50	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-15	Instrumnet Name :	P7
Client Sample ID :	MYD016	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:31:43	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14868037	14712097	14753850	14777995	0.55	cps
Antimony	121-1	4387	4557	4611	4519	2.58	cps
Arsenic	75-2	82880	83218	83057	83052	0.20	cps
Barium	135-1	1260999	1261968	1244419	1255795	0.79	cps
Barium	137-1	2222479	2245863	2216833	2228392	0.69	cps
Beryllium	9-1	2470	2437	2334	2414	2.95	cps
Bismuth	209-1	11547975	11414029	11258210	11406738	1.27	cps
Bismuth	209-2	9828446	9741764	9743158	9771123	0.51	cps
Bromine	81-1	17057	16763	16519	16780	1.60	cps
Bromine	81-2	710	673	767	717	6.56	cps
Cadmium	108-1	610	650	637	632	3.22	cps
Cadmium	106-1	6388	6155	6105	6216	2.43	cps
Cadmium	111-1	8485	7984	8185	8218	3.07	cps
Calcium	43-1	1413956	1428837	1407379	1416724	0.78	cps
Calcium	44-1	23013281	23066868	22685795	22921981	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	342381	344236	343025	343214	0.27	cps
Cobalt	59-2	423297	423606	421090	422664	0.32	cps
Copper	63-2	823927	824140	822690	823585	0.10	cps
Dysprosium	156-1	156938	156683	154324	155982	0.92	cps
Dysprosium	156-2	137989	139245	138592	138609	0.45	cps
Erbium	164-1	135438	133665	135782	134962	0.84	cps
Erbium	164-2	99504	99964	98084	99184	0.99	cps
Gadolinium	160-1	152991	153783	152004	152926	0.58	cps
Gadolinium	160-2	116519	115807	117145	116490	0.57	cps
Holmium	165-1	19452228	19350584	18889603	19230805	1.56	cps
Holmium	165-2	14084030	13871154	14105114	14020099	0.92	cps
Indium	115-1	15890837	15649209	15367943	15635997	1.67	cps
Indium	115-2	5776501	5750196	5781162	5769286	0.29	cps
Iron	56-2	575778525	571516751	568998298	572097858	0.60	cps
Iron	57-2	14212134	14295888	14114303	14207441	0.64	cps
Iron	54-2	31003820	30885144	30695772	30861578	0.50	cps
Krypton	83-1	410	460	537	469	13.61	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-15	Instrumnet Name :	P7
Client Sample ID :	MYD016	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:31:43	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	720057	724122	717368	720515	0.47	cps
Lead	207-1	639667	634338	638282	637429	0.43	cps
Lead	208-1	2293075	2282436	2270027	2281846	0.51	cps
Lithium	6-1	1911260	1837837	1869732	1872943	1.97	cps
Magnesium	24-2	11266837	11316807	11214330	11265991	0.45	cps
Manganese	55-2	9575171	9582646	9582368	9580062	0.04	cps
Molybdenum	94-1	148675	147026	146299	147333	0.83	cps
Molybdenum	95-1	8196	7996	7772	7988	2.65	cps
Molybdenum	96-1	38280	39209	38507	38665	1.25	cps
Molybdenum	97-1	5084	4978	5118	5060	1.45	cps
Molybdenum	98-1	12892	12465	12636	12664	1.70	cps
Neodymium	150-1	268965	267085	266201	267417	0.53	cps
Neodymium	150-2	165567	164872	164890	165109	0.24	cps
Nickel	60-2	133726	134083	133612	133807	0.18	cps
Phosphorus	31-2	54263	53236	54791	54096	1.46	cps
Potassium	39-2	6466656	6457221	6388265	6437381	0.66	cps
Rhodium	103-1	14667953	14407146	14334475	14469858	1.21	cps
Rhodium	103-2	8805555	8736164	8811713	8784477	0.48	cps
Scandium	45-1	9011843	8937975	8925404	8958407	0.52	cps
Scandium	45-2	745996	750685	751393	749358	0.39	cps
Selenium	82-1	1206	1179	1051	1145	7.24	cps
Selenium	77-2	453	470	437	453	3.68	cps
Selenium	78-2	963	807	933	901	9.23	cps
Silicon	28-1	15690284	15672632	15487824	15616914	0.72	cps
Silver	107-1	4697	4974	4891	4854	2.92	cps
Silver	109-1	4391	4357	4691	4480	4.10	cps
Sodium	23-2	178569	177871	175858	177433	0.79	cps
Strontium	86-1	379598	374868	372317	375594	0.98	cps
Strontium	88-1	3352685	3309758	3289728	3317390	0.97	cps
Sulfur	34-1	215599	216495	216592	216229	0.25	cps
Terbium	159-1	19921063	19789831	19473044	19727980	1.17	cps
Terbium	159-2	13834781	13807573	13877179	13839844	0.25	cps
Thallium	203-1	5078	5124	5114	5105	0.48	cps
Thallium	205-1	12102	11969	11975	12015	0.63	cps
Tin	118-1	16163	15782	15966	15970	1.19	cps
Titanium	47-1	1160258	1148531	1140387	1149726	0.87	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-15	Instrumnet Name :	P7
Client Sample ID :	MYD016	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:31:43	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42862	43320	43571	43251	0.83	cps
Vanadium	51-2	839823	828645	832311	833593	0.68	cps
Yttrium	89-1	20753066	20722972	20337120	20604386	1.13	cps
Yttrium	89-2	5580321	5534562	5556765	5557216	0.41	cps
Zinc	66-2	422339	420372	418887	420533	0.41	cps
Zirconium	90-1	386871	386781	385039	386230	0.27	cps
Zirconium	91-1	86962	85152	85125	85746	1.23	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-16	Instrumnet Name :	P7
Client Sample ID :	MYD017	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:34:46	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9736298	9672783	9677591	9695557	0.36	cps
Antimony	121-1	7309	7125	7115	7183	1.52	cps
Arsenic	75-2	71300	70583	69937	70607	0.97	cps
Barium	135-1	842095	838784	834711	838530	0.44	cps
Barium	137-1	1463818	1455945	1448722	1456162	0.52	cps
Beryllium	9-1	1753	1700	1693	1716	1.92	cps
Bismuth	209-1	11484602	11440252	11364684	11429846	0.53	cps
Bismuth	209-2	9835085	9811942	9752378	9799802	0.44	cps
Bromine	81-1	17033	16579	16680	16764	1.42	cps
Bromine	81-2	607	550	557	571	5.42	cps
Cadmium	108-1	467	493	537	499	7.08	cps
Cadmium	106-1	5981	5998	5775	5918	2.10	cps
Cadmium	111-1	7904	7944	7707	7852	1.61	cps
Calcium	43-1	1104291	1095241	1087916	1095816	0.75	cps
Calcium	44-1	17377298	17163251	16879124	17139891	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	280206	277698	276404	278103	0.69	cps
Cobalt	59-2	323593	321574	321273	322147	0.39	cps
Copper	63-2	688989	684215	683617	685607	0.43	cps
Dysprosium	156-1	113500	113567	113336	113468	0.11	cps
Dysprosium	156-2	100267	100543	100486	100432	0.14	cps
Erbium	164-1	99924	98594	97678	98732	1.14	cps
Erbium	164-2	72490	73059	73575	73042	0.74	cps
Gadolinium	160-1	110007	109329	108526	109287	0.68	cps
Gadolinium	160-2	84325	84744	83034	84035	1.06	cps
Holmium	165-1	19333561	18961223	18938213	19077666	1.16	cps
Holmium	165-2	14058009	13967536	13996931	14007492	0.33	cps
Indium	115-1	15869094	15704493	15390250	15654612	1.55	cps
Indium	115-2	5819937	5848763	5781721	5816807	0.58	cps
Iron	56-2	470397860	457994940	461143846	463178882	1.39	cps
Iron	57-2	11677224	11503843	11520280	11567116	0.83	cps
Iron	54-2	25300526	24849216	24841141	24996961	1.05	cps
Krypton	83-1	433	457	393	428	7.49	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-16	Instrumnet Name :	P7
Client Sample ID :	MYD017	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:34:46	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	682635	673558	675053	677082	0.72	cps
Lead	207-1	602399	596847	598365	599204	0.48	cps
Lead	208-1	2151546	2140183	2141753	2144494	0.29	cps
Lithium	6-1	1868339	1869486	1864257	1867361	0.15	cps
Magnesium	24-2	7993092	7987275	7959336	7979901	0.23	cps
Manganese	55-2	7037779	6912972	6931870	6960873	0.97	cps
Molybdenum	94-1	107521	106597	105809	106642	0.80	cps
Molybdenum	95-1	7839	7799	7926	7854	0.82	cps
Molybdenum	96-1	30509	30612	29824	30315	1.41	cps
Molybdenum	97-1	4844	4637	4958	4813	3.37	cps
Molybdenum	98-1	12015	12506	11885	12135	2.70	cps
Neodymium	150-1	187286	190462	189306	189018	0.85	cps
Neodymium	150-2	117887	118042	115774	117234	1.08	cps
Nickel	60-2	99366	98225	98816	98802	0.58	cps
Phosphorus	31-2	48316	48008	47330	47885	1.05	cps
Potassium	39-2	5706370	5722107	5732000	5720159	0.23	cps
Rhodium	103-1	14937392	14582264	14559613	14693090	1.44	cps
Rhodium	103-2	8845820	8923913	8883507	8884413	0.44	cps
Scandium	45-1	9011983	8871759	8765575	8883105	1.39	cps
Scandium	45-2	746969	737766	737235	740657	0.74	cps
Selenium	82-1	1140	972	987	1033	8.99	cps
Selenium	77-2	320	340	317	326	3.88	cps
Selenium	78-2	803	783	850	812	4.21	cps
Silicon	28-1	11854401	11908449	11727294	11830048	0.79	cps
Silver	107-1	5048	5324	5384	5252	3.42	cps
Silver	109-1	4874	4934	4808	4872	1.30	cps
Sodium	23-2	168318	167162	166802	167428	0.47	cps
Strontium	86-1	370425	368887	370567	369959	0.25	cps
Strontium	88-1	3316317	3209997	3282633	3269649	1.66	cps
Sulfur	34-1	221860	224217	225410	223829	0.81	cps
Terbium	159-1	19785963	19568882	19340629	19565158	1.14	cps
Terbium	159-2	13963234	13873480	13784233	13873649	0.65	cps
Thallium	203-1	4197	3997	4007	4067	2.77	cps
Thallium	205-1	9820	9784	9694	9766	0.67	cps
Tin	118-1	15679	15238	15450	15456	1.43	cps
Titanium	47-1	1331058	1313040	1308787	1317628	0.90	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-16	Instrumnet Name :	P7
Client Sample ID :	MYD017	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:34:46	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37433	36634	36637	36901	1.25	cps
Vanadium	51-2	746278	737886	734231	739465	0.84	cps
Yttrium	89-1	20453060	20097627	20058665	20203117	1.08	cps
Yttrium	89-2	5497703	5497523	5486862	5494029	0.11	cps
Zinc	66-2	367303	362311	364910	364841	0.68	cps
Zirconium	90-1	281946	275701	276165	277937	1.25	cps
Zirconium	91-1	62064	62817	61669	62183	0.94	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-17	Instrumnet Name :	P7
Client Sample ID :	MYD018	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:37:54	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13019897	12918824	12975639	12971454	0.39	cps
Antimony	121-1	8322	8289	7675	8096	4.50	cps
Arsenic	75-2	101400	102068	102131	101866	0.40	cps
Barium	135-1	1168680	1158781	1154918	1160793	0.61	cps
Barium	137-1	2080397	2032508	2047837	2053581	1.19	cps
Beryllium	9-1	2270	2154	2154	2192	3.07	cps
Bismuth	209-1	11502584	11428577	11198292	11376484	1.39	cps
Bismuth	209-2	9774876	9699391	9826053	9766773	0.65	cps
Bromine	81-1	17854	16763	17380	17333	3.16	cps
Bromine	81-2	663	773	737	724	7.73	cps
Cadmium	108-1	750	583	593	642	14.56	cps
Cadmium	106-1	6712	6368	6051	6377	5.18	cps
Cadmium	111-1	9808	9680	9312	9600	2.68	cps
Calcium	43-1	2374895	2321701	2328185	2341594	1.24	cps
Calcium	44-1	38033019	37534392	37583659	37717023	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	343005	341077	337838	340640	0.77	cps
Cobalt	59-2	382333	381111	381015	381487	0.19	cps
Copper	63-2	811258	815660	815204	814041	0.30	cps
Dysprosium	156-1	146390	146636	145551	146193	0.39	cps
Dysprosium	156-2	128410	126574	129581	128188	1.18	cps
Erbium	164-1	128222	126826	125937	126995	0.91	cps
Erbium	164-2	92748	94168	92604	93173	0.93	cps
Gadolinium	160-1	142782	141920	139516	141406	1.20	cps
Gadolinium	160-2	108452	105916	106383	106917	1.26	cps
Holmium	165-1	19417209	19163481	18862018	19147569	1.45	cps
Holmium	165-2	14105438	13934233	13864348	13968006	0.89	cps
Indium	115-1	15850319	15687584	15391442	15643115	1.49	cps
Indium	115-2	5767641	5756674	5663234	5729183	1.00	cps
Iron	56-2	532360085	531819832	528979659	531053192	0.34	cps
Iron	57-2	13342144	13256933	13128020	13242366	0.81	cps
Iron	54-2	28668548	28550236	28477169	28565318	0.34	cps
Krypton	83-1	453	467	487	469	3.58	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-17	Instrumnet Name :	P7
Client Sample ID :	MYD018	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:37:54	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	921676	924631	917124	921144	0.41	cps
Lead	207-1	830855	830164	828557	829859	0.14	cps
Lead	208-1	3008117	3055078	3001350	3021515	0.97	cps
Lithium	6-1	1929741	1886478	1873418	1896546	1.55	cps
Magnesium	24-2	10125480	10004576	10038111	10056056	0.62	cps
Manganese	55-2	9718132	9642403	9571472	9644002	0.76	cps
Molybdenum	94-1	110714	111430	110076	110740	0.61	cps
Molybdenum	95-1	9700	9743	9066	9503	3.99	cps
Molybdenum	96-1	34020	33508	32687	33405	2.01	cps
Molybdenum	97-1	5798	5735	5858	5797	1.06	cps
Molybdenum	98-1	14761	14367	14110	14413	2.27	cps
Neodymium	150-1	245624	244404	243790	244606	0.38	cps
Neodymium	150-2	152299	152445	151400	152048	0.37	cps
Nickel	60-2	131298	129681	129685	130221	0.72	cps
Phosphorus	31-2	57849	56681	56919	57149	1.08	cps
Potassium	39-2	7381158	7436672	7463207	7427012	0.56	cps
Rhodium	103-1	14829437	14532874	14157762	14506691	2.32	cps
Rhodium	103-2	8787115	8620946	8630543	8679535	1.07	cps
Scandium	45-1	9148101	8931388	8879845	8986445	1.58	cps
Scandium	45-2	737228	729766	737166	734720	0.58	cps
Selenium	82-1	1193	1192	1059	1148	6.74	cps
Selenium	77-2	363	387	367	372	3.39	cps
Selenium	78-2	917	887	877	893	2.33	cps
Silicon	28-1	17488384	17144832	16946919	17193378	1.59	cps
Silver	107-1	8589	8849	8723	8720	1.49	cps
Silver	109-1	8122	8219	8096	8146	0.80	cps
Sodium	23-2	177621	178822	177991	178144	0.35	cps
Strontium	86-1	389838	387934	383326	387032	0.87	cps
Strontium	88-1	3428911	3456271	3393364	3426182	0.92	cps
Sulfur	34-1	259511	259063	259050	259208	0.10	cps
Terbium	159-1	19821452	19525488	19333306	19560082	1.26	cps
Terbium	159-2	13830762	13801452	13690911	13774375	0.54	cps
Thallium	203-1	5214	4801	5018	5011	4.13	cps
Thallium	205-1	11882	12496	11568	11982	3.94	cps
Tin	118-1	14771	14197	15249	14739	3.57	cps
Titanium	47-1	1409555	1389649	1372359	1390521	1.34	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-17	Instrumnet Name :	P7
Client Sample ID :	MYD018	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:37:54	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45029	45253	44992	45092	0.31	cps
Vanadium	51-2	811650	807669	807362	808894	0.30	cps
Yttrium	89-1	20860887	20458048	20159672	20492869	1.72	cps
Yttrium	89-2	5473103	5510695	5473250	5485683	0.39	cps
Zinc	66-2	496444	491774	491804	493341	0.54	cps
Zirconium	90-1	290193	284817	283084	286031	1.30	cps
Zirconium	91-1	64123	64430	63594	64049	0.66	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-18	Instrumnet Name :	P7
Client Sample ID :	MYD019	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:40:56	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16023742	15806467	15778114	15869441	0.85	cps
Antimony	121-1	7562	7505	7219	7429	2.48	cps
Arsenic	75-2	92885	91721	92462	92356	0.64	cps
Barium	135-1	1629801	1587378	1580673	1599284	1.67	cps
Barium	137-1	2812023	2752363	2768411	2777599	1.11	cps
Beryllium	9-1	2907	2960	2877	2915	1.45	cps
Bismuth	209-1	11456173	11370844	11128822	11318613	1.50	cps
Bismuth	209-2	9793315	9740349	9741161	9758275	0.31	cps
Bromine	81-1	17133	17484	16896	17171	1.72	cps
Bromine	81-2	693	753	683	710	5.33	cps
Cadmium	108-1	540	530	493	521	4.71	cps
Cadmium	106-1	6678	6021	6391	6364	5.18	cps
Cadmium	111-1	7894	7288	7843	7675	4.38	cps
Calcium	43-1	1490597	1494896	1467429	1484307	1.00	cps
Calcium	44-1	24408294	24253588	24046265	24236049	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	415201	415162	413345	414569	0.26	cps
Cobalt	59-2	595401	592059	593051	593504	0.29	cps
Copper	63-2	1111528	1107532	1104341	1107800	0.33	cps
Dysprosium	156-1	179916	177881	177081	178293	0.82	cps
Dysprosium	156-2	158880	156935	158327	158048	0.63	cps
Erbium	164-1	154561	152633	151837	153010	0.92	cps
Erbium	164-2	113762	111705	111718	112395	1.05	cps
Gadolinium	160-1	170861	170564	169158	170194	0.53	cps
Gadolinium	160-2	131863	130332	130444	130880	0.65	cps
Holmium	165-1	19272693	19003905	18919379	19065326	0.97	cps
Holmium	165-2	14080732	14041748	13956975	14026485	0.45	cps
Indium	115-1	15761310	15623233	15401234	15595259	1.16	cps
Indium	115-2	5692090	5749524	5665083	5702232	0.76	cps
Iron	56-2	781697348	777722282	776784708	778734780	0.33	cps
Iron	57-2	19468399	19466467	19253600	19396155	0.64	cps
Iron	54-2	42575894	42066421	41782927	42141747	0.95	cps
Krypton	83-1	530	623	523	559	10.00	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-18	Instrumnet Name :	P7
Client Sample ID :	MYD019	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:40:56	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	659756	656062	659609	658476	0.32	cps
Lead	207-1	568605	561703	565635	565315	0.61	cps
Lead	208-1	2049513	2040756	2025117	2038462	0.61	cps
Lithium	6-1	1947677	1889542	1876761	1904660	1.98	cps
Magnesium	24-2	12249852	12129586	12005143	12128194	1.01	cps
Manganese	55-2	11947702	11734894	11782701	11821766	0.94	cps
Molybdenum	94-1	144662	144901	142697	144087	0.84	cps
Molybdenum	95-1	12395	12429	12055	12293	1.68	cps
Molybdenum	96-1	44013	44253	43829	44032	0.48	cps
Molybdenum	97-1	7916	7515	7679	7703	2.61	cps
Molybdenum	98-1	19503	19627	19046	19392	1.58	cps
Neodymium	150-1	301589	298646	298831	299689	0.55	cps
Neodymium	150-2	188009	187389	184916	186771	0.88	cps
Nickel	60-2	162790	163028	162651	162823	0.12	cps
Phosphorus	31-2	64388	64107	63146	63880	1.02	cps
Potassium	39-2	6240378	6288279	6212791	6247149	0.61	cps
Rhodium	103-1	14737010	14340897	14173026	14416978	2.01	cps
Rhodium	103-2	8738901	8689723	8613349	8680658	0.73	cps
Scandium	45-1	9206904	8993344	8923176	9041141	1.63	cps
Scandium	45-2	753729	751374	749566	751557	0.28	cps
Selenium	82-1	1197	1110	1153	1154	3.78	cps
Selenium	77-2	480	543	483	502	7.10	cps
Selenium	78-2	1120	913	950	994	11.09	cps
Silicon	28-1	18771682	18643082	18380442	18598402	1.07	cps
Silver	107-1	4241	4047	3881	4056	4.44	cps
Silver	109-1	3667	3527	3761	3652	3.22	cps
Sodium	23-2	179768	181786	179604	180386	0.67	cps
Strontium	86-1	430795	422219	417815	423610	1.56	cps
Strontium	88-1	3732957	3666965	3678103	3692675	0.96	cps
Sulfur	34-1	227463	223409	222185	224352	1.23	cps
Terbium	159-1	19836248	19508364	19274684	19539765	1.44	cps
Terbium	159-2	13938336	13630825	13976171	13848444	1.37	cps
Thallium	203-1	5108	5331	5318	5252	2.39	cps
Thallium	205-1	12713	12923	12656	12764	1.10	cps
Tin	118-1	16853	16897	16947	16899	0.28	cps
Titanium	47-1	1496434	1493101	1472714	1487416	0.86	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-18	Instrumnet Name :	P7
Client Sample ID :	MYD019	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:40:56	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51245	51118	50750	51038	0.50	cps
Vanadium	51-2	1437200	1401775	1399274	1412750	1.50	cps
Yttrium	89-1	21069666	20617775	20618019	20768487	1.26	cps
Yttrium	89-2	5647469	5554042	5564981	5588831	0.91	cps
Zinc	66-2	378053	375483	373423	375653	0.62	cps
Zirconium	90-1	375916	375398	370091	373801	0.86	cps
Zirconium	91-1	83814	83673	82004	83164	1.21	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-19	Instrumnet Name :	P7
Client Sample ID :	MYD020	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:44:01	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17548086	17487350	17623353	17552930	0.39	cps
Antimony	121-1	6788	6832	7179	6933	3.08	cps
Arsenic	75-2	131405	132522	132663	132197	0.52	cps
Barium	135-1	1838623	1862952	1856707	1852761	0.68	cps
Barium	137-1	3164825	3237254	3235633	3212571	1.29	cps
Beryllium	9-1	2974	3007	3010	2997	0.68	cps
Bismuth	209-1	12347821	11347972	11157604	11617799	5.50	cps
Bismuth	209-2	9781182	9731046	9624301	9712176	0.82	cps
Bromine	81-1	18615	19276	19433	19108	2.27	cps
Bromine	81-2	1130	1150	1267	1182	6.24	cps
Cadmium	108-1	823	843	810	826	2.03	cps
Cadmium	106-1	7125	6905	6825	6952	2.24	cps
Cadmium	111-1	10663	11035	10802	10833	1.74	cps
Calcium	43-1	2167656	2190214	2188418	2182096	0.57	cps
Calcium	44-1	34922014	35717829	34973967	35204603	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	384931	384573	383628	384377	0.18	cps
Cobalt	59-2	527382	520798	520200	522793	0.76	cps
Copper	63-2	1216405	1213316	1211809	1213843	0.19	cps
Dysprosium	156-1	182372	187686	186231	185430	1.48	cps
Dysprosium	156-2	164716	166595	166638	165983	0.66	cps
Erbium	164-1	161734	164367	164276	163459	0.91	cps
Erbium	164-2	121254	121849	120245	121116	0.67	cps
Gadolinium	160-1	178959	183667	182816	181814	1.38	cps
Gadolinium	160-2	140846	141119	140411	140792	0.25	cps
Holmium	165-1	20722777	19314803	18863181	19633587	4.94	cps
Holmium	165-2	14031474	13957795	13777936	13922401	0.94	cps
Indium	115-1	16967334	15568021	15457944	15997767	5.26	cps
Indium	115-2	5694377	5792639	5707203	5731407	0.93	cps
Iron	56-2	667992430	667964390	670460643	668805821	0.21	cps
Iron	57-2	16627208	16765505	16697391	16696701	0.41	cps
Iron	54-2	36341043	35983779	35830769	36051863	0.73	cps
Krypton	83-1	513	467	527	502	6.27	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-19	Instrumnet Name :	P7
Client Sample ID :	MYD020	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:44:01	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1097232	1125776	1109740	1110916	1.29	cps
Lead	207-1	969343	992786	993851	985327	1.41	cps
Lead	208-1	3589470	3632520	3613165	3611719	0.60	cps
Lithium	6-1	2078591	1906074	1879932	1954866	5.52	cps
Magnesium	24-2	13428557	13374579	13367812	13390316	0.25	cps
Manganese	55-2	12955920	12996315	12971072	12974436	0.16	cps
Molybdenum	94-1	141224	147401	144582	144402	2.14	cps
Molybdenum	95-1	9960	10150	10120	10077	1.01	cps
Molybdenum	96-1	38627	41305	40807	40246	3.54	cps
Molybdenum	97-1	6078	6345	6335	6253	2.42	cps
Molybdenum	98-1	15261	15679	15031	15324	2.14	cps
Neodymium	150-1	303054	313929	313464	310149	1.98	cps
Neodymium	150-2	198028	194052	193658	195246	1.24	cps
Nickel	60-2	159572	159902	160622	160032	0.34	cps
Phosphorus	31-2	62959	64254	64418	63877	1.25	cps
Potassium	39-2	6677438	6706254	6687088	6690260	0.22	cps
Rhodium	103-1	15613699	14492012	14323194	14809635	4.74	cps
Rhodium	103-2	8698127	8706689	8731795	8712203	0.20	cps
Scandium	45-1	9891431	9175624	8925152	9330736	5.37	cps
Scandium	45-2	749245	751080	744451	748258	0.46	cps
Selenium	82-1	1351	1295	1254	1300	3.75	cps
Selenium	77-2	553	553	493	533	6.49	cps
Selenium	78-2	913	1093	980	996	9.14	cps
Silicon	28-1	21592881	22344526	22206431	22047946	1.81	cps
Silver	107-1	9630	9927	9283	9613	3.35	cps
Silver	109-1	8946	9106	9086	9046	0.96	cps
Sodium	23-2	180944	181785	182211	181646	0.35	cps
Strontium	86-1	413633	421834	421789	419085	1.13	cps
Strontium	88-1	3645442	3727405	3714404	3695751	1.19	cps
Sulfur	34-1	327865	333002	334111	331660	1.00	cps
Terbium	159-1	21121646	19705354	19377357	20068119	4.62	cps
Terbium	159-2	13842123	13839813	13541090	13741008	1.26	cps
Thallium	203-1	7589	7606	7485	7560	0.86	cps
Thallium	205-1	17825	18232	18289	18116	1.40	cps
Tin	118-1	19978	19577	19033	19529	2.43	cps
Titanium	47-1	907065	932334	923163	920854	1.39	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-19	Instrumnet Name :	P7
Client Sample ID :	MYD020	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:44:01	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50041	52486	51697	51408	2.43	cps
Vanadium	51-2	1012928	1011552	1009533	1011338	0.17	cps
Yttrium	89-1	22694470	21130620	20814344	21546478	4.67	cps
Yttrium	89-2	5638911	5655555	5617685	5637384	0.34	cps
Zinc	66-2	547199	546513	544998	546237	0.21	cps
Zirconium	90-1	367643	378799	378427	374956	1.69	cps
Zirconium	91-1	82213	84394	84233	83613	1.45	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ70	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:50:18	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9804075	9684427	9765849	9751450	0.63	cps
Antimony	121-1	3897	3991	3811	3899	2.31	cps
Arsenic	75-2	73189	72764	71076	72343	1.55	cps
Barium	135-1	1115862	1137450	1138160	1130491	1.12	cps
Barium	137-1	1985146	2000275	2022258	2002560	0.93	cps
Beryllium	9-1	1677	1713	1733	1708	1.68	cps
Bismuth	209-1	11777511	10792749	10773852	11114704	5.17	cps
Bismuth	209-2	9439220	9417721	9393933	9416958	0.24	cps
Bromine	81-1	16920	16876	16753	16850	0.51	cps
Bromine	81-2	703	687	690	693	1.27	cps
Cadmium	108-1	753	740	680	724	5.39	cps
Cadmium	106-1	6241	5858	5731	5943	4.47	cps
Cadmium	111-1	10296	10357	10281	10312	0.39	cps
Calcium	43-1	523349	533445	528351	528382	0.96	cps
Calcium	44-1	8187239	8420887	8339096	8315741	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	335090	329700	331055	331949	0.84	cps
Cobalt	59-2	363172	361771	359006	361316	0.59	cps
Copper	63-2	967780	961593	962103	963825	0.36	cps
Dysprosium	156-1	115144	117593	116155	116298	1.06	cps
Dysprosium	156-2	105022	104961	103873	104619	0.62	cps
Erbium	164-1	97182	101291	98823	99098	2.09	cps
Erbium	164-2	75006	74001	73988	74332	0.79	cps
Gadolinium	160-1	109833	112466	111922	111407	1.25	cps
Gadolinium	160-2	87759	87068	86454	87094	0.75	cps
Holmium	165-1	19893155	17912033	18107391	18637526	5.86	cps
Holmium	165-2	13500645	13505030	13297319	13434331	0.88	cps
Indium	115-1	16274566	14916322	14829646	15340178	5.28	cps
Indium	115-2	5548919	5528076	5552576	5543190	0.24	cps
Iron	56-2	450015807	446379620	445616300	447337242	0.53	cps
Iron	57-2	11249927	11178517	11137329	11188591	0.51	cps
Iron	54-2	24462764	24214805	24161392	24279654	0.66	cps
Krypton	83-1	427	473	453	451	5.19	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ70	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:50:18	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1108622	1150374	1138783	1132593	1.90	cps
Lead	207-1	979336	1005822	1007453	997537	1.58	cps
Lead	208-1	3606527	3694437	3705489	3668818	1.48	cps
Lithium	6-1	1955155	1802695	1767606	1841819	5.41	cps
Magnesium	24-2	7858095	7665776	7654806	7726226	1.48	cps
Manganese	55-2	7790843	7749102	7546972	7695639	1.69	cps
Molybdenum	94-1	101549	104795	104536	103627	1.74	cps
Molybdenum	95-1	9717	10377	9923	10006	3.38	cps
Molybdenum	96-1	30949	32483	32683	32038	2.96	cps
Molybdenum	97-1	6268	6095	6058	6140	1.83	cps
Molybdenum	98-1	15465	15839	16136	15813	2.13	cps
Neodymium	150-1	192432	197837	197632	195967	1.56	cps
Neodymium	150-2	123744	123956	125116	124272	0.59	cps
Nickel	60-2	109566	108032	108408	108669	0.74	cps
Phosphorus	31-2	57263	55798	55550	56204	1.65	cps
Potassium	39-2	7811132	7612510	7714939	7712861	1.29	cps
Rhodium	103-1	15553396	13921746	13928396	14467846	6.50	cps
Rhodium	103-2	8431355	8488727	8379931	8433338	0.65	cps
Scandium	45-1	9399568	8456398	8517989	8791318	6.00	cps
Scandium	45-2	708189	704500	699974	704221	0.58	cps
Selenium	82-1	1086	961	877	975	10.80	cps
Selenium	77-2	330	320	363	338	6.72	cps
Selenium	78-2	817	873	763	818	6.73	cps
Silicon	28-1	7455401	8609712	7371129	7812081	8.86	cps
Silver	107-1	8162	8593	8439	8398	2.60	cps
Silver	109-1	7902	8129	7685	7906	2.81	cps
Sodium	23-2	212236	213390	207846	211157	1.39	cps
Strontium	86-1	302438	308967	305313	305573	1.07	cps
Strontium	88-1	2718573	2705573	2727867	2717337	0.41	cps
Sulfur	34-1	222270	218117	216409	218932	1.38	cps
Terbium	159-1	20268457	18732911	18789956	19263775	4.52	cps
Terbium	159-2	13263453	13243625	13309513	13272197	0.25	cps
Thallium	203-1	4587	4397	4284	4423	3.47	cps
Thallium	205-1	9790	10537	10334	10221	3.78	cps
Tin	118-1	18879	18702	18709	18763	0.53	cps
Titanium	47-1	1366389	1400406	1410652	1392482	1.66	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ70	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:50:18	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42214	43859	44083	43385	2.35	cps
Vanadium	51-2	655541	653442	648026	652336	0.59	cps
Yttrium	89-1	20961275	19203528	19081637	19748813	5.33	cps
Yttrium	89-2	5191241	5178395	5149362	5173000	0.41	cps
Zinc	66-2	535721	530550	534047	533439	0.49	cps
Zirconium	90-1	263382	271047	267481	267303	1.43	cps
Zirconium	91-1	58168	60086	60297	59517	1.97	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ71	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:53:21	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8855567	8833316	8918469	8869117	0.50	cps
Antimony	121-1	6331	6662	6452	6482	2.58	cps
Arsenic	75-2	48248	48566	47931	48248	0.66	cps
Barium	135-1	1213734	1209677	1222382	1215264	0.53	cps
Barium	137-1	2116610	2120090	2115982	2117560	0.10	cps
Beryllium	9-1	1630	1637	1713	1660	2.79	cps
Bismuth	209-1	10779263	10931482	9743887	10484877	6.16	cps
Bismuth	209-2	9533519	9602781	9527463	9554588	0.44	cps
Bromine	81-1	17367	18151	18098	17872	2.45	cps
Bromine	81-2	1040	1110	930	1027	8.84	cps
Cadmium	108-1	690	620	650	653	5.38	cps
Cadmium	106-1	5725	5638	5381	5581	3.20	cps
Cadmium	111-1	9055	9077	8913	9015	0.99	cps
Calcium	43-1	900943	904967	912456	906122	0.64	cps
Calcium	44-1	14210875	14047509	14254830	14171071	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	354455	354629	357900	355661	0.55	cps
Cobalt	59-2	295287	294672	294229	294729	0.18	cps
Copper	63-2	1945795	1922396	1925393	1931195	0.66	cps
Dysprosium	156-1	106486	106301	107427	106738	0.57	cps
Dysprosium	156-2	97515	98375	97979	97956	0.44	cps
Erbium	164-1	87569	88752	88910	88410	0.83	cps
Erbium	164-2	66437	67107	66795	66780	0.50	cps
Gadolinium	160-1	100527	100460	100527	100505	0.04	cps
Gadolinium	160-2	80154	79789	78988	79643	0.75	cps
Holmium	165-1	17965238	18019338	16090639	17358405	6.33	cps
Holmium	165-2	13539171	13822429	13489207	13616936	1.32	cps
Indium	115-1	14711233	14677905	13332147	14240428	5.52	cps
Indium	115-2	5528091	5526858	5494182	5516377	0.35	cps
Iron	56-2	355015368	353556021	354132555	354234648	0.21	cps
Iron	57-2	8765558	8768518	8797131	8777069	0.20	cps
Iron	54-2	19028557	19157989	19234632	19140393	0.54	cps
Krypton	83-1	437	343	350	377	13.82	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ71	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:53:21	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	970164	985731	985403	980433	0.91	cps
Lead	207-1	853319	853956	858701	855325	0.34	cps
Lead	208-1	3138179	3195356	3176875	3170137	0.92	cps
Lithium	6-1	1754396	1768678	1641235	1721436	4.06	cps
Magnesium	24-2	7339527	7357199	7360778	7352501	0.15	cps
Manganese	55-2	6947532	7004921	6937658	6963370	0.52	cps
Molybdenum	94-1	115464	116724	117174	116454	0.76	cps
Molybdenum	95-1	10157	10147	9907	10070	1.41	cps
Molybdenum	96-1	33134	32707	32626	32822	0.83	cps
Molybdenum	97-1	6351	6532	6512	6465	1.53	cps
Molybdenum	98-1	16206	16206	16069	16160	0.49	cps
Neodymium	150-1	184095	187591	185928	185871	0.94	cps
Neodymium	150-2	117535	118140	117041	117572	0.47	cps
Nickel	60-2	123580	123235	124850	123888	0.69	cps
Phosphorus	31-2	75086	75468	74081	74878	0.96	cps
Potassium	39-2	7729030	7737020	7712564	7726205	0.16	cps
Rhodium	103-1	13900763	13648904	12424843	13324837	5.93	cps
Rhodium	103-2	8459023	8524764	8410617	8464802	0.68	cps
Scandium	45-1	8267741	8207467	7468901	7981370	5.57	cps
Scandium	45-2	706017	707617	702747	705460	0.35	cps
Selenium	82-1	893	1083	978	985	9.65	cps
Selenium	77-2	340	323	353	339	4.44	cps
Selenium	78-2	800	840	690	777	10.00	cps
Silicon	28-1	10572636	10656601	12869606	11366281	11.46	cps
Silver	107-1	6642	6652	6525	6606	1.07	cps
Silver	109-1	6098	6255	6375	6243	2.22	cps
Sodium	23-2	227380	227668	227868	227639	0.11	cps
Strontium	86-1	491051	498136	496403	495197	0.75	cps
Strontium	88-1	4381898	4372790	4363328	4372672	0.21	cps
Sulfur	34-1	233991	235361	235618	234990	0.37	cps
Terbium	159-1	18573738	18498706	16646956	17906467	6.10	cps
Terbium	159-2	13222481	13316385	13384846	13307904	0.61	cps
Thallium	203-1	3837	4064	3961	3954	2.87	cps
Thallium	205-1	9647	9583	9607	9612	0.33	cps
Tin	118-1	19767	19887	20438	20031	1.79	cps
Titanium	47-1	1015156	1024003	1027456	1022205	0.62	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ71	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:53:21	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40234	40792	40338	40455	0.73	cps
Vanadium	51-2	535204	534284	534581	534690	0.09	cps
Yttrium	89-1	18815736	18862310	17020396	18232814	5.76	cps
Yttrium	89-2	5200876	5222965	5199833	5207891	0.25	cps
Zinc	66-2	471438	470042	471316	470932	0.16	cps
Zirconium	90-1	299441	300979	301874	300765	0.41	cps
Zirconium	91-1	66255	66774	66741	66590	0.44	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ72	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:56:26	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10492260	10575752	10508207	10525407	0.42	cps
Antimony	121-1	7042	6508	6908	6819	4.07	cps
Arsenic	75-2	66183	64941	65791	65639	0.97	cps
Barium	135-1	1310936	1329025	1331467	1323809	0.85	cps
Barium	137-1	2312638	2329804	2328382	2323608	0.41	cps
Beryllium	9-1	1820	1840	1723	1795	3.48	cps
Bismuth	209-1	10881575	10728690	10921763	10844009	0.94	cps
Bismuth	209-2	9539222	9674104	9585383	9599570	0.71	cps
Bromine	81-1	18075	18268	18568	18304	1.36	cps
Bromine	81-2	1050	1047	1010	1036	2.14	cps
Cadmium	108-1	723	827	833	794	7.76	cps
Cadmium	106-1	5918	5828	5651	5799	2.34	cps
Cadmium	111-1	10441	10559	10388	10463	0.84	cps
Calcium	43-1	1075770	1090032	1089077	1084960	0.73	cps
Calcium	44-1	16972626	17212042	17218269	17134312	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	341156	339176	337946	339426	0.48	cps
Cobalt	59-2	334370	328838	330715	331308	0.85	cps
Copper	63-2	976808	963348	970479	970212	0.69	cps
Dysprosium	156-1	121553	121839	123002	122132	0.63	cps
Dysprosium	156-2	110900	112385	111599	111628	0.67	cps
Erbium	164-1	100508	102969	101894	101790	1.21	cps
Erbium	164-2	77346	76119	76893	76786	0.81	cps
Gadolinium	160-1	114453	115757	119027	116412	2.02	cps
Gadolinium	160-2	90490	90231	92110	90944	1.12	cps
Holmium	165-1	18174721	18043263	18152646	18123543	0.39	cps
Holmium	165-2	13636107	13696651	13557662	13630140	0.51	cps
Indium	115-1	14896106	14831484	14810465	14846018	0.30	cps
Indium	115-2	5606299	5613452	5589363	5603038	0.22	cps
Iron	56-2	430160567	428359260	422519714	427013180	0.94	cps
Iron	57-2	10696462	10610699	10567334	10624831	0.62	cps
Iron	54-2	23506610	23383552	23073283	23321148	0.96	cps
Krypton	83-1	410	423	383	406	5.02	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ72	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:56:26	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1520476	1534436	1544171	1533028	0.78	cps
Lead	207-1	1312564	1329248	1352090	1331301	1.49	cps
Lead	208-1	4906865	4915541	4979393	4933933	0.80	cps
Lithium	6-1	1804495	1768689	1796920	1790034	1.05	cps
Magnesium	24-2	8559132	8400633	8538024	8499263	1.01	cps
Manganese	55-2	8362269	8264161	8230049	8285493	0.83	cps
Molybdenum	94-1	123321	126228	124090	124546	1.21	cps
Molybdenum	95-1	9893	9283	9847	9674	3.51	cps
Molybdenum	96-1	34180	34594	34701	34492	0.80	cps
Molybdenum	97-1	5941	6058	6281	6094	2.84	cps
Molybdenum	98-1	14544	14988	15405	14979	2.87	cps
Neodymium	150-1	209946	210700	212167	210938	0.54	cps
Neodymium	150-2	135053	134339	133825	134406	0.46	cps
Nickel	60-2	118655	120203	119763	119540	0.67	cps
Phosphorus	31-2	83590	85074	84434	84366	0.88	cps
Potassium	39-2	8521277	8475630	8553993	8516967	0.46	cps
Rhodium	103-1	13895096	13577496	13908641	13793744	1.36	cps
Rhodium	103-2	8499991	8452953	8506693	8486546	0.35	cps
Scandium	45-1	8291495	8355301	8366246	8337681	0.48	cps
Scandium	45-2	711011	711494	713482	711996	0.18	cps
Selenium	82-1	1102	1033	1107	1081	3.81	cps
Selenium	77-2	387	407	387	393	2.94	cps
Selenium	78-2	817	877	860	851	3.64	cps
Silicon	28-1	10713409	10399973	10860354	10657912	2.21	cps
Silver	107-1	11875	12092	12375	12114	2.07	cps
Silver	109-1	11561	11131	11671	11455	2.49	cps
Sodium	23-2	244045	242182	240891	242373	0.65	cps
Strontium	86-1	572887	578221	595641	582250	2.04	cps
Strontium	88-1	5123001	5155461	5138149	5138870	0.32	cps
Sulfur	34-1	243734	245670	248864	246089	1.05	cps
Terbium	159-1	18486351	18586807	18597736	18556964	0.33	cps
Terbium	159-2	13404956	13382255	13301345	13362852	0.41	cps
Thallium	203-1	4164	4567	4627	4453	5.66	cps
Thallium	205-1	10461	10681	10771	10638	1.50	cps
Tin	118-1	34428	34398	34588	34471	0.30	cps
Titanium	47-1	1221557	1216527	1238122	1225402	0.92	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ72	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:56:26	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	49709	48833	50629	49724	1.81	cps
Vanadium	51-2	615498	616625	615219	615781	0.12	cps
Yttrium	89-1	19125098	19092625	19007969	19075231	0.32	cps
Yttrium	89-2	5293748	5316767	5320109	5310208	0.27	cps
Zinc	66-2	619010	615815	611801	615542	0.59	cps
Zirconium	90-1	318023	321016	323663	320900	0.88	cps
Zirconium	91-1	71215	71436	71721	71457	0.35	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ73	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:59:30	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10471833	10454457	10522710	10483000	0.34	cps
Antimony	121-1	9540	9984	9673	9732	2.34	cps
Arsenic	75-2	131994	132222	132037	132084	0.09	cps
Barium	135-1	1401128	1411472	1412527	1408376	0.45	cps
Barium	137-1	2494855	2491318	2461101	2482425	0.75	cps
Beryllium	9-1	1917	1753	1963	1878	5.87	cps
Bismuth	209-1	10995187	11103410	11105283	11067960	0.57	cps
Bismuth	209-2	9628339	9577058	9580450	9595282	0.30	cps
Bromine	81-1	17938	18071	18355	18121	1.18	cps
Bromine	81-2	990	940	837	922	8.48	cps
Cadmium	108-1	1127	1097	1043	1089	3.88	cps
Cadmium	106-1	6215	6145	6068	6142	1.19	cps
Cadmium	111-1	14893	14541	14615	14683	1.26	cps
Calcium	43-1	761716	766256	768076	765349	0.43	cps
Calcium	44-1	12141828	12139396	12082865	12121363	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	358945	356310	358807	358021	0.41	cps
Cobalt	59-2	389287	389630	393957	390958	0.67	cps
Copper	63-2	1124037	1126926	1126237	1125734	0.13	cps
Dysprosium	156-1	128300	128663	129281	128748	0.39	cps
Dysprosium	156-2	116064	115830	116437	116110	0.26	cps
Erbium	164-1	107738	108087	108786	108203	0.49	cps
Erbium	164-2	80020	81090	80443	80518	0.67	cps
Gadolinium	160-1	121528	122543	122600	122224	0.49	cps
Gadolinium	160-2	95489	95456	94361	95102	0.67	cps
Holmium	165-1	18329837	18356258	18248438	18311511	0.31	cps
Holmium	165-2	13620494	13638242	13663901	13640879	0.16	cps
Indium	115-1	14999255	15058482	14953865	15003867	0.35	cps
Indium	115-2	5579455	5586499	5588200	5584718	0.08	cps
Iron	56-2	487268993	485081673	483614406	485321691	0.38	cps
Iron	57-2	12094048	12053919	12074697	12074221	0.17	cps
Iron	54-2	26292429	26106331	26222708	26207156	0.36	cps
Krypton	83-1	383	420	470	424	10.25	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ73	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:59:30	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2764931	2828600	2788744	2794092	1.15	cps
Lead	207-1	2523479	2594692	2592284	2570152	1.57	cps
Lead	208-1	8977879	9207444	9220919	9135414	1.50	cps
Lithium	6-1	1798334	1800263	1762357	1786984	1.19	cps
Magnesium	24-2	8339277	8335659	8402299	8359078	0.45	cps
Manganese	55-2	8404413	8437596	8449451	8430487	0.28	cps
Molybdenum	94-1	116815	119960	119055	118610	1.37	cps
Molybdenum	95-1	13583	13997	14000	13860	1.73	cps
Molybdenum	96-1	38274	38434	38287	38331	0.23	cps
Molybdenum	97-1	8599	8853	8829	8760	1.60	cps
Molybdenum	98-1	22120	21720	21870	21903	0.92	cps
Neodymium	150-1	213749	214746	215540	214678	0.42	cps
Neodymium	150-2	135056	136530	137018	136201	0.75	cps
Nickel	60-2	117502	114479	115312	115764	1.35	cps
Phosphorus	31-2	65201	65539	66373	65705	0.92	cps
Potassium	39-2	8128703	8124411	8151729	8134948	0.18	cps
Rhodium	103-1	14081827	13978593	13688907	13916442	1.46	cps
Rhodium	103-2	8556538	8535151	8522378	8538023	0.20	cps
Scandium	45-1	8521128	8402598	8524884	8482870	0.82	cps
Scandium	45-2	707230	708547	702965	706247	0.41	cps
Selenium	82-1	1244	1317	1270	1277	2.91	cps
Selenium	77-2	410	340	420	390	11.18	cps
Selenium	78-2	870	917	910	899	2.81	cps
Silicon	28-1	11018205	11011912	11258194	11096104	1.27	cps
Silver	107-1	17637	17350	17407	17465	0.87	cps
Silver	109-1	16366	16763	16736	16622	1.34	cps
Sodium	23-2	211259	211066	212894	211739	0.47	cps
Strontium	86-1	476872	478997	479232	478367	0.27	cps
Strontium	88-1	4232852	4256589	4288294	4259245	0.65	cps
Sulfur	34-1	280603	281571	280106	280760	0.27	cps
Terbium	159-1	18928624	18871561	18945392	18915192	0.20	cps
Terbium	159-2	13556243	13405389	13469531	13477054	0.56	cps
Thallium	203-1	4948	5004	4811	4921	2.02	cps
Thallium	205-1	11492	12029	11648	11723	2.36	cps
Tin	118-1	76753	77222	77011	76995	0.31	cps
Titanium	47-1	1383578	1387792	1401253	1390874	0.66	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ73	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 19:59:30	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48210	48752	49472	48811	1.30	cps
Vanadium	51-2	687036	683359	683543	684646	0.30	cps
Yttrium	89-1	19524987	19384398	19246923	19385436	0.72	cps
Yttrium	89-2	5287065	5329010	5292738	5302937	0.43	cps
Zinc	66-2	934767	923854	931567	930063	0.60	cps
Zirconium	90-1	297483	300436	299717	299212	0.51	cps
Zirconium	91-1	66061	66560	67136	66586	0.81	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ74	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:02:33	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12074154	12097714	11890135	12020668	0.95	cps
Antimony	121-1	4748	4904	4914	4855	1.93	cps
Arsenic	75-2	80691	80818	80202	80570	0.40	cps
Barium	135-1	1556547	1565281	1565128	1562319	0.32	cps
Barium	137-1	2704366	2755514	2785123	2748334	1.49	cps
Beryllium	9-1	2124	2053	2010	2062	2.77	cps
Bismuth	209-1	11154337	10795996	10857870	10936068	1.75	cps
Bismuth	209-2	9574914	9386628	9684240	9548594	1.58	cps
Bromine	81-1	18291	18271	18762	18442	1.51	cps
Bromine	81-2	1097	1017	1050	1054	3.81	cps
Cadmium	108-1	847	773	927	849	9.03	cps
Cadmium	106-1	6151	6138	6111	6134	0.33	cps
Cadmium	111-1	11219	11514	10778	11170	3.32	cps
Calcium	43-1	865910	873443	867829	869061	0.45	cps
Calcium	44-1	13683901	13623709	13685765	13664459	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	403410	405045	400127	402861	0.62	cps
Cobalt	59-2	416973	416540	411192	414902	0.78	cps
Copper	63-2	941486	944359	938123	941323	0.33	cps
Dysprosium	156-1	148040	149283	150290	149204	0.76	cps
Dysprosium	156-2	133588	135523	132612	133907	1.11	cps
Erbium	164-1	124256	126610	125090	125319	0.95	cps
Erbium	164-2	93440	93990	93798	93743	0.30	cps
Gadolinium	160-1	141307	140883	142883	141691	0.74	cps
Gadolinium	160-2	110407	110162	110451	110340	0.14	cps
Holmium	165-1	18345659	18192755	18313538	18283984	0.44	cps
Holmium	165-2	13541287	13568300	13562981	13557523	0.11	cps
Indium	115-1	15065249	14820200	14674632	14853360	1.33	cps
Indium	115-2	5542102	5504158	5515564	5520608	0.35	cps
Iron	56-2	526021512	529017432	526674992	527237979	0.30	cps
Iron	57-2	13049494	12993632	13031063	13024730	0.22	cps
Iron	54-2	28577665	28576491	28105455	28419871	0.96	cps
Krypton	83-1	387	427	410	408	4.93	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ74	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:02:33	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1885081	1871840	1843893	1866938	1.13	cps
Lead	207-1	1551628	1552628	1565695	1556651	0.50	cps
Lead	208-1	5833132	5805018	5879529	5839226	0.64	cps
Lithium	6-1	1829726	1816987	1776831	1807848	1.53	cps
Magnesium	24-2	9515782	9537124	9491292	9514732	0.24	cps
Manganese	55-2	9816984	9798891	9717033	9777636	0.54	cps
Molybdenum	94-1	120595	122971	122534	122033	1.04	cps
Molybdenum	95-1	12459	12839	12656	12651	1.50	cps
Molybdenum	96-1	38133	37942	37859	37978	0.37	cps
Molybdenum	97-1	8142	7912	7649	7901	3.13	cps
Molybdenum	98-1	19610	20067	19353	19677	1.84	cps
Neodymium	150-1	251279	250816	255350	252482	0.99	cps
Neodymium	150-2	159717	160192	159723	159877	0.17	cps
Nickel	60-2	132610	131880	130945	131812	0.63	cps
Phosphorus	31-2	73217	72976	71961	72718	0.92	cps
Potassium	39-2	9533377	9406734	9397839	9445983	0.80	cps
Rhodium	103-1	13979014	14041948	13837215	13952725	0.75	cps
Rhodium	103-2	8466498	8457462	8527765	8483908	0.45	cps
Scandium	45-1	8466137	8406662	8286492	8386431	1.09	cps
Scandium	45-2	708018	708466	698161	704882	0.83	cps
Selenium	82-1	1228	1132	1105	1155	5.62	cps
Selenium	77-2	360	373	383	372	3.14	cps
Selenium	78-2	853	863	870	862	0.97	cps
Silicon	28-1	7311589	7336559	7304616	7317588	0.23	cps
Silver	107-1	7389	7495	7862	7582	3.28	cps
Silver	109-1	6925	7182	6995	7034	1.89	cps
Sodium	23-2	225980	224005	220733	223572	1.19	cps
Strontium	86-1	537163	539030	539034	538409	0.20	cps
Strontium	88-1	4749858	4787652	4735314	4757608	0.57	cps
Sulfur	34-1	258412	259944	260802	259720	0.47	cps
Terbium	159-1	18875973	18656038	18822741	18784917	0.61	cps
Terbium	159-2	13503329	13429592	13239625	13390849	1.02	cps
Thallium	203-1	5254	5014	5174	5148	2.37	cps
Thallium	205-1	12596	12482	12279	12452	1.29	cps
Tin	118-1	42352	41707	41553	41871	1.01	cps
Titanium	47-1	1504252	1542795	1496030	1514359	1.65	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ74	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:02:33	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51770	51406	51666	51614	0.36	cps
Vanadium	51-2	706781	707061	700717	704853	0.51	cps
Yttrium	89-1	19464718	19470603	19403813	19446378	0.19	cps
Yttrium	89-2	5371281	5373270	5273583	5339378	1.07	cps
Zinc	66-2	752589	754869	748198	751885	0.45	cps
Zirconium	90-1	305472	307878	309752	307701	0.70	cps
Zirconium	91-1	68020	69654	68961	68878	1.19	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ75	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:05:35	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14771921	14497477	14660022	14643140	0.94	cps
Antimony	121-1	1397	1423	1380	1400	1.56	cps
Arsenic	75-2	53563	53660	54597	53940	1.06	cps
Barium	135-1	1830557	1854053	1850800	1845137	0.69	cps
Barium	137-1	3161103	3187230	3160090	3169475	0.49	cps
Beryllium	9-1	2320	2347	2270	2312	1.68	cps
Bismuth	209-1	10957206	10955582	10847818	10920202	0.57	cps
Bismuth	209-2	9523300	9369874	9621783	9504986	1.34	cps
Bromine	81-1	16236	17517	17524	17092	4.34	cps
Bromine	81-2	780	693	717	730	6.14	cps
Cadmium	108-1	553	453	620	542	15.47	cps
Cadmium	106-1	6001	6325	5811	6046	4.29	cps
Cadmium	111-1	5927	6407	5777	6037	5.45	cps
Calcium	43-1	2228739	2224295	2215379	2222804	0.31	cps
Calcium	44-1	35755527	36109940	35736683	35867383	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	332653	330607	334334	332531	0.56	cps
Cobalt	59-2	418697	417278	418467	418147	0.18	cps
Copper	63-2	594898	586741	587177	589605	0.78	cps
Dysprosium	156-1	156605	158661	156521	157262	0.77	cps
Dysprosium	156-2	142474	141622	142507	142201	0.35	cps
Erbium	164-1	132097	135489	134500	134028	1.30	cps
Erbium	164-2	99055	100640	98259	99318	1.22	cps
Gadolinium	160-1	148534	148675	152014	149741	1.32	cps
Gadolinium	160-2	116654	116083	114890	115875	0.78	cps
Holmium	165-1	18329398	18230194	18292683	18284092	0.27	cps
Holmium	165-2	13670020	13470049	13675777	13605282	0.86	cps
Indium	115-1	15066974	14877671	14842573	14929073	0.81	cps
Indium	115-2	5611378	5554189	5553320	5572962	0.60	cps
Iron	56-2	471419553	466810140	466956620	468395437	0.56	cps
Iron	57-2	11732933	11646526	11566666	11648708	0.71	cps
Iron	54-2	25441687	25189122	25348829	25326546	0.50	cps
Krypton	83-1	487	450	443	460	5.07	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ75	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:05:35	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	422301	430335	429519	427385	1.03	cps
Lead	207-1	364415	368698	367170	366761	0.59	cps
Lead	208-1	1317937	1333481	1326081	1325833	0.59	cps
Lithium	6-1	1831055	1805716	1783570	1806780	1.32	cps
Magnesium	24-2	12292730	12207768	12152593	12217697	0.58	cps
Manganese	55-2	10646705	10568345	10527471	10580840	0.57	cps
Molybdenum	94-1	158932	160631	159673	159745	0.53	cps
Molybdenum	95-1	5188	5391	4898	5159	4.81	cps
Molybdenum	96-1	36292	37221	37414	36976	1.62	cps
Molybdenum	97-1	3074	3144	3380	3199	5.02	cps
Molybdenum	98-1	8199	8142	8319	8220	1.10	cps
Neodymium	150-1	267963	269250	269127	268780	0.26	cps
Neodymium	150-2	169745	168946	170503	169731	0.46	cps
Nickel	60-2	131712	131198	131325	131412	0.20	cps
Phosphorus	31-2	41954	42195	41185	41778	1.26	cps
Potassium	39-2	3960762	3922512	3898527	3927267	0.80	cps
Rhodium	103-1	13811933	13829829	13786756	13809506	0.16	cps
Rhodium	103-2	8459602	8430653	8475586	8455281	0.27	cps
Scandium	45-1	8506722	8519152	8495679	8507184	0.14	cps
Scandium	45-2	722283	712593	715557	716811	0.69	cps
Selenium	82-1	1002	1044	1068	1038	3.26	cps
Selenium	77-2	417	410	433	420	2.86	cps
Selenium	78-2	957	870	917	914	4.74	cps
Silicon	28-1	11586588	11934380	11742786	11754584	1.48	cps
Silver	107-1	2487	2447	2587	2507	2.88	cps
Silver	109-1	2250	2210	2117	2192	3.12	cps
Sodium	23-2	177962	176363	176053	176793	0.58	cps
Strontium	86-1	831014	844368	844058	839813	0.91	cps
Strontium	88-1	7416664	7519914	7412487	7449688	0.82	cps
Sulfur	34-1	215882	223253	221880	220338	1.78	cps
Terbium	159-1	18850193	18831078	18754430	18811900	0.27	cps
Terbium	159-2	13490391	13223495	13186843	13300243	1.25	cps
Thallium	203-1	4744	4664	4774	4728	1.20	cps
Thallium	205-1	10988	11241	11542	11257	2.46	cps
Tin	118-1	8266	8533	8643	8480	2.29	cps
Titanium	47-1	812422	824208	821131	819254	0.75	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ75	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:05:35	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42013	42932	42341	42429	1.10	cps
Vanadium	51-2	699046	695955	695035	696678	0.30	cps
Yttrium	89-1	19896836	19812146	19662511	19790497	0.60	cps
Yttrium	89-2	5387387	5332661	5366455	5362168	0.51	cps
Zinc	66-2	274736	273166	273963	273955	0.29	cps
Zirconium	90-1	421094	425155	426114	424121	0.63	cps
Zirconium	91-1	93163	95750	94938	94617	1.40	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:08:43	DataFile Name :	132CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17176084	17283734	17218994	17226271	0.31	cps
Antimony	121-1	7925854	8088049	8079379	8031094	1.14	cps
Arsenic	75-2	428006	427478	423921	426468	0.52	cps
Barium	135-1	10042565	10246861	10148766	10146064	1.01	cps
Barium	137-1	17424412	17651021	17383177	17486203	0.82	cps
Beryllium	9-1	763971	783881	778467	775439	1.33	cps
Bismuth	209-1	10523754	10336758	10133612	10331375	1.89	cps
Bismuth	209-2	8705285	8667782	8732715	8701927	0.37	cps
Bromine	81-1	15842	15088	15114	15348	2.79	cps
Bromine	81-2	127	160	130	139	13.22	cps
Cadmium	108-1	154318	157613	158050	156660	1.30	cps
Cadmium	106-1	223283	226895	223274	224484	0.93	cps
Cadmium	111-1	2145310	2184132	2179216	2169552	0.97	cps
Calcium	43-1	10437753	10350545	10250316	10346205	0.91	cps
Calcium	44-1	168608251	169953437	168900624	169154104	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3049495	3018678	2989784	3019319	0.99	cps
Cobalt	59-2	4737781	4770923	4705264	4737990	0.69	cps
Copper	63-2	33914542	33787875	33506978	33736465	0.62	cps
Dysprosium	156-1	567	553	530	550	3.37	cps
Dysprosium	156-2	763	807	853	808	5.57	cps
Erbium	164-1	597	527	527	550	7.35	cps
Erbium	164-2	420	327	420	389	13.86	cps
Gadolinium	160-1	543	500	433	492	11.26	cps
Gadolinium	160-2	1047	1123	1053	1075	3.95	cps
Holmium	165-1	18357154	18191230	17680551	18076312	1.95	cps
Holmium	165-2	13032820	13097825	13079010	13069885	0.26	cps
Indium	115-1	14609425	14094187	13991515	14231709	2.33	cps
Indium	115-2	5116643	5151974	5110162	5126260	0.44	cps
Iron	56-2	709582496	702169830	700808816	704187047	0.67	cps
Iron	57-2	17559669	17623856	17611666	17598397	0.19	cps
Iron	54-2	38385958	38211677	38012159	38203264	0.49	cps
Krypton	83-1	240	273	247	253	6.96	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:08:43	DataFile Name :	132CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	30021003	30709232	30646690	30458975	1.25	cps
Lead	207-1	26185070	26740285	26262599	26395985	1.14	cps
Lead	208-1	95108983	97196999	96626694	96310892	1.12	cps
Lithium	6-1	1825301	1784845	1794059	1801402	1.18	cps
Magnesium	24-2	127372638	127212821	128105411	127563624	0.37	cps
Manganese	55-2	24134229	23945642	24014159	24031343	0.40	cps
Molybdenum	94-1	29016448	29535845	29262810	29271701	0.89	cps
Molybdenum	95-1	41590298	42297118	41917883	41935099	0.84	cps
Molybdenum	96-1	45669791	46071048	45938091	45892977	0.45	cps
Molybdenum	97-1	26264485	26389544	26350991	26335007	0.24	cps
Molybdenum	98-1	67321809	67605414	67314157	67413793	0.25	cps
Neodymium	150-1	1000	847	753	867	14.37	cps
Neodymium	150-2	297	250	253	267	9.76	cps
Nickel	60-2	1264525	1257103	1249665	1257097	0.59	cps
Phosphorus	31-2	153780	152262	153399	153147	0.52	cps
Potassium	39-2	84533787	84662680	84238540	84478336	0.26	cps
Rhodium	103-1	13425644	12782849	12626698	12945064	3.27	cps
Rhodium	103-2	7616934	7600055	7488329	7568439	0.92	cps
Scandium	45-1	8191869	8114611	7910665	8072382	1.80	cps
Scandium	45-2	653970	654190	649332	652497	0.42	cps
Selenium	82-1	124729	125402	124979	125037	0.27	cps
Selenium	77-2	13042	13036	12786	12955	1.13	cps
Selenium	78-2	43540	44062	43674	43759	0.62	cps
Silicon	28-1	70202941	70082632	70338464	70208012	0.18	cps
Silver	107-1	10430816	10583136	10622786	10545579	0.96	cps
Silver	109-1	10059791	10170264	10033235	10087764	0.72	cps
Sodium	23-2	205291444	204087490	203859897	204412944	0.38	cps
Strontium	86-1	2529267	2582528	2591117	2567637	1.30	cps
Strontium	88-1	22171466	22482426	22379006	22344299	0.71	cps
Sulfur	34-1	747812	745233	735514	742853	0.87	cps
Terbium	159-1	19028856	18331328	18213296	18524493	2.38	cps
Terbium	159-2	12942873	12930612	12858940	12910808	0.35	cps
Thallium	203-1	7477643	7608412	7612160	7566072	1.01	cps
Thallium	205-1	17924173	18169116	18156313	18083201	0.76	cps
Tin	118-1	6714658	6787552	6792373	6764861	0.64	cps
Titanium	47-1	9708310	9871271	9827137	9802239	0.86	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:08:43	DataFile Name :	132CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23618671	24174608	24260319	24017866	1.45	cps
Vanadium	51-2	2723499	2661243	2671909	2685550	1.24	cps
Yttrium	89-1	17908546	17173309	16961611	17347822	2.86	cps
Yttrium	89-2	4588638	4565375	4519778	4557930	0.77	cps
Zinc	66-2	5842375	5871330	5806746	5840150	0.55	cps
Zirconium	90-1	14194100	14465732	14422758	14360863	1.02	cps
Zirconium	91-1	3178763	3197181	3213927	3196624	0.55	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:11:24	DataFile Name :	133CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243	307	330	293	15.29	cps
Antimony	121-1	3304	2900	2574	2926	12.50	cps
Arsenic	75-2	23	27	27	26	7.55	cps
Barium	135-1	403	247	213	288	35.25	cps
Barium	137-1	693	380	257	443	50.78	cps
Beryllium	9-1	133	100	73	102	29.41	cps
Bismuth	209-1	11503458	11305120	11071880	11293486	1.91	cps
Bismuth	209-2	9832109	9828342	9838977	9833143	0.05	cps
Bromine	81-1	14527	14687	14083	14433	2.17	cps
Bromine	81-2	137	160	167	154	10.20	cps
Cadmium	108-1	20	20	20	20	0.00	cps
Cadmium	106-1	4637	4634	4321	4531	4.02	cps
Cadmium	111-1	3356	3317	3067	3246	4.82	cps
Calcium	43-1	890	620	553	688	25.92	cps
Calcium	44-1	22935	19603	19480	20673	9.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2007	2007	2214	2076	5.75	cps
Cobalt	59-2	203	217	243	221	9.21	cps
Copper	63-2	1463	1480	1287	1410	7.60	cps
Dysprosium	156-1	0	3	17	7	132.33	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	83	57	103	81	28.86	cps
Erbium	164-2	80	37	53	57	38.57	cps
Gadolinium	160-1	73	50	77	67	21.80	cps
Gadolinium	160-2	723	833	830	796	7.86	cps
Holmium	165-1	18436342	18047381	17984587	18156103	1.35	cps
Holmium	165-2	13564964	13542050	13695279	13600764	0.61	cps
Indium	115-1	15326086	15079437	14944357	15116627	1.28	cps
Indium	115-2	5675446	5543993	5682766	5634068	1.39	cps
Iron	56-2	31887	30421	30444	30917	2.72	cps
Iron	57-2	1353	1347	1313	1338	1.60	cps
Iron	54-2	3367	3037	3137	3180	5.32	cps
Krypton	83-1	217	243	250	237	7.45	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:11:24	DataFile Name :	133CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2057	1693	1523	1758	15.50	cps
Lead	207-1	1847	1540	1307	1565	17.31	cps
Lead	208-1	6532	5316	4809	5552	15.95	cps
Lithium	6-1	1880018	1850704	1836530	1855750	1.20	cps
Magnesium	24-2	1690	1507	1547	1581	6.10	cps
Manganese	55-2	523	567	590	560	6.04	cps
Molybdenum	94-1	2014	1483	1347	1615	21.81	cps
Molybdenum	95-1	2400	1553	1270	1741	33.77	cps
Molybdenum	96-1	2677	1890	1527	2031	28.94	cps
Molybdenum	97-1	1460	1087	757	1101	31.96	cps
Molybdenum	98-1	4031	2760	2157	2983	32.07	cps
Neodymium	150-1	3	10	3	6	69.34	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	577	693	553	608	12.34	cps
Phosphorus	31-2	147	200	183	177	15.44	cps
Potassium	39-2	64838	64991	64212	64680	0.64	cps
Rhodium	103-1	14330563	14093653	14044088	14156101	1.08	cps
Rhodium	103-2	8777939	8645018	8758569	8727175	0.82	cps
Scandium	45-1	8174338	8080094	8114064	8122832	0.59	cps
Scandium	45-2	676854	675531	676999	676461	0.12	cps
Selenium	82-1	713	680	649	681	4.72	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	530	430	490	483	10.41	cps
Silicon	28-1	711870	708492	708318	709560	0.28	cps
Silver	107-1	1440	1060	963	1155	21.83	cps
Silver	109-1	1277	1007	893	1059	18.60	cps
Sodium	23-2	35344	35705	34662	35237	1.50	cps
Strontium	86-1	580	493	587	553	9.41	cps
Strontium	88-1	1117	830	673	873	25.74	cps
Sulfur	34-1	201314	202331	204167	202604	0.71	cps
Terbium	159-1	19025101	18635646	18533838	18731528	1.38	cps
Terbium	159-2	13374688	13623709	13335294	13444563	1.16	cps
Thallium	203-1	917	913	773	868	9.43	cps
Thallium	205-1	2407	1967	1880	2085	13.55	cps
Tin	118-1	2990	2740	2600	2777	7.12	cps
Titanium	47-1	473	337	210	340	38.74	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:11:24	DataFile Name :	133CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	873	563	370	602	42.16	cps
Vanadium	51-2	47	33	27	36	28.64	cps
Yttrium	89-1	17861302	17492046	17561851	17638400	1.11	cps
Yttrium	89-2	4885905	4895735	4843927	4875189	0.56	cps
Zinc	66-2	860	857	797	838	4.25	cps
Zirconium	90-1	1753	1403	1380	1512	13.83	cps
Zirconium	91-1	360	320	273	318	13.65	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ69	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:14:41	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9485700	9391844	9549500	9475681	0.84	cps
Antimony	121-1	10287	10160	10234	10227	0.62	cps
Arsenic	75-2	62882	62139	63371	62798	0.99	cps
Barium	135-1	1077518	1102208	1098778	1092835	1.22	cps
Barium	137-1	1903056	1956306	1937022	1932128	1.40	cps
Beryllium	9-1	1673	1643	1730	1682	2.62	cps
Bismuth	209-1	10986488	10892252	10911232	10929990	0.46	cps
Bismuth	209-2	9753356	9591814	9567255	9637475	1.05	cps
Bromine	81-1	18028	18912	18568	18503	2.41	cps
Bromine	81-2	947	1100	933	993	9.32	cps
Cadmium	108-1	640	600	653	631	4.40	cps
Cadmium	106-1	6005	5748	5618	5790	3.40	cps
Cadmium	111-1	8996	8658	8813	8822	1.92	cps
Calcium	43-1	843476	865002	868512	858996	1.58	cps
Calcium	44-1	13342324	13514362	13551347	13469344	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	295875	294941	295771	295529	0.17	cps
Cobalt	59-2	309058	306430	308119	307869	0.43	cps
Copper	63-2	815815	817274	815099	816063	0.14	cps
Dysprosium	156-1	108531	110832	110628	109997	1.16	cps
Dysprosium	156-2	99200	100372	99875	99816	0.59	cps
Erbium	164-1	89605	92272	92007	91294	1.61	cps
Erbium	164-2	69532	70346	68835	69571	1.09	cps
Gadolinium	160-1	101957	104925	104308	103730	1.51	cps
Gadolinium	160-2	81994	81690	83131	82272	0.92	cps
Holmium	165-1	18391506	18076203	18105675	18191128	0.96	cps
Holmium	165-2	13876186	13536502	13693620	13702103	1.24	cps
Indium	115-1	15002905	14885284	14834594	14907594	0.58	cps
Indium	115-2	5624440	5585988	5608397	5606275	0.34	cps
Iron	56-2	400073741	400092527	401328354	400498207	0.18	cps
Iron	57-2	9851405	10051789	9923459	9942218	1.02	cps
Iron	54-2	21817617	21492697	21475948	21595421	0.89	cps
Krypton	83-1	400	427	377	401	6.24	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ69	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:14:41	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	950493	972564	970893	964650	1.27	cps
Lead	207-1	839194	849832	851750	846925	0.80	cps
Lead	208-1	3094673	3155765	3106720	3119053	1.04	cps
Lithium	6-1	1823201	1811887	1823662	1819584	0.37	cps
Magnesium	24-2	7437398	7459494	7572304	7489732	0.97	cps
Manganese	55-2	7371742	7354484	7361635	7362620	0.12	cps
Molybdenum	94-1	95861	97089	98311	97087	1.26	cps
Molybdenum	95-1	9837	10007	10104	9982	1.35	cps
Molybdenum	96-1	30034	30138	29934	30035	0.34	cps
Molybdenum	97-1	6025	6301	6201	6176	2.27	cps
Molybdenum	98-1	15341	15865	15996	15734	2.20	cps
Neodymium	150-1	181391	185820	189283	185498	2.13	cps
Neodymium	150-2	119333	118950	118883	119055	0.20	cps
Nickel	60-2	102302	101869	102433	102202	0.29	cps
Phosphorus	31-2	81850	80269	81780	81300	1.10	cps
Potassium	39-2	7207736	7228156	7351424	7262439	1.07	cps
Rhodium	103-1	13980365	13945415	13755315	13893698	0.87	cps
Rhodium	103-2	8631999	8587944	8638614	8619519	0.32	cps
Scandium	45-1	8519433	8325493	8357795	8400907	1.24	cps
Scandium	45-2	712818	713126	711016	712320	0.16	cps
Selenium	82-1	1001	947	997	981	3.06	cps
Selenium	77-2	337	330	303	323	5.45	cps
Selenium	78-2	840	887	880	869	2.91	cps
Silicon	28-1	9661860	9569336	9704789	9645328	0.72	cps
Silver	107-1	7165	7305	7175	7215	1.08	cps
Silver	109-1	6568	6872	6735	6725	2.26	cps
Sodium	23-2	316273	317633	316729	316878	0.22	cps
Strontium	86-1	380418	385699	388330	384816	1.05	cps
Strontium	88-1	3376841	3465312	3447430	3429861	1.36	cps
Sulfur	34-1	263185	263586	259531	262101	0.85	cps
Terbium	159-1	18766409	18771010	18655438	18730952	0.35	cps
Terbium	159-2	13498879	13489284	13301307	13429823	0.83	cps
Thallium	203-1	3994	4161	4204	4120	2.69	cps
Thallium	205-1	9493	9660	10040	9731	2.88	cps
Tin	118-1	15522	15302	15856	15560	1.79	cps
Titanium	47-1	1122380	1151644	1155642	1143222	1.59	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ69	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:14:41	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41662	41688	41862	41737	0.26	cps
Vanadium	51-2	574805	571409	575104	573772	0.36	cps
Yttrium	89-1	19206087	18931855	18746729	18961557	1.22	cps
Yttrium	89-2	5259090	5200909	5316522	5258840	1.10	cps
Zinc	66-2	550655	552318	551743	551572	0.15	cps
Zirconium	90-1	243450	249213	250885	247850	1.57	cps
Zirconium	91-1	54862	55849	55568	55426	0.92	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ76	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:17:45	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9820062	9924703	9815909	9853558	0.63	cps
Antimony	121-1	11635	12619	12182	12145	4.06	cps
Arsenic	75-2	175946	176658	175319	175974	0.38	cps
Barium	135-1	1152648	1150538	1158081	1153756	0.34	cps
Barium	137-1	2041946	2051515	2072748	2055403	0.77	cps
Beryllium	9-1	1990	2190	2013	2065	5.30	cps
Bismuth	209-1	11011047	10817120	10885425	10904531	0.90	cps
Bismuth	209-2	9451000	9590274	9516349	9519207	0.73	cps
Bromine	81-1	17884	18368	18228	18160	1.37	cps
Bromine	81-2	760	877	797	811	7.36	cps
Cadmium	108-1	2130	2170	2023	2108	3.60	cps
Cadmium	106-1	8312	7936	8189	8146	2.36	cps
Cadmium	111-1	29596	30233	30172	30001	1.17	cps
Calcium	43-1	378616	379954	380905	379825	0.30	cps
Calcium	44-1	5856663	5998592	5991163	5948806	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257395	255018	257815	256743	0.59	cps
Cobalt	59-2	315403	315616	315660	315560	0.04	cps
Copper	63-2	1174468	1179512	1179291	1177757	0.24	cps
Dysprosium	156-1	111373	111679	111706	111586	0.17	cps
Dysprosium	156-2	101288	101083	101862	101411	0.40	cps
Erbium	164-1	96943	96846	96121	96637	0.46	cps
Erbium	164-2	72145	72832	72862	72613	0.56	cps
Gadolinium	160-1	106621	107723	106393	106913	0.67	cps
Gadolinium	160-2	83990	84281	83322	83864	0.59	cps
Holmium	165-1	18319771	18192583	18346631	18286328	0.45	cps
Holmium	165-2	13686834	13628520	13732432	13682595	0.38	cps
Indium	115-1	15091583	15006276	15091019	15062959	0.33	cps
Indium	115-2	5642541	5663937	5624018	5643499	0.35	cps
Iron	56-2	444310380	443614020	447202487	445042296	0.43	cps
Iron	57-2	11122869	11101157	10983146	11069057	0.68	cps
Iron	54-2	24247833	24220570	24198680	24222361	0.10	cps
Krypton	83-1	427	370	443	413	9.30	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ76	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:17:45	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9461317	9563945	9451562	9492275	0.66	cps
Lead	207-1	8626634	8773026	8600022	8666561	1.07	cps
Lead	208-1	30717725	31027711	30756759	30834065	0.55	cps
Lithium	6-1	1860207	1827873	1824123	1837401	1.08	cps
Magnesium	24-2	6327441	6199016	6218145	6248200	1.11	cps
Manganese	55-2	6989769	7049634	6980854	7006753	0.53	cps
Molybdenum	94-1	137380	140321	140806	139502	1.33	cps
Molybdenum	95-1	8302	8399	8596	8433	1.77	cps
Molybdenum	96-1	36372	35917	36462	36250	0.81	cps
Molybdenum	97-1	5171	5308	5274	5251	1.36	cps
Molybdenum	98-1	13006	13470	12973	13149	2.11	cps
Neodymium	150-1	186496	190147	188563	188402	0.97	cps
Neodymium	150-2	117646	118902	119310	118619	0.73	cps
Nickel	60-2	91121	92077	91611	91603	0.52	cps
Phosphorus	31-2	31312	32167	31402	31627	1.49	cps
Potassium	39-2	4869083	4856760	4827823	4851222	0.44	cps
Rhodium	103-1	14174535	14116953	14134129	14141872	0.21	cps
Rhodium	103-2	8652510	8705145	8609682	8655779	0.55	cps
Scandium	45-1	8658956	8661395	8556430	8625593	0.69	cps
Scandium	45-2	722267	729254	721769	724430	0.58	cps
Selenium	82-1	1414	1488	1311	1405	6.33	cps
Selenium	77-2	310	357	363	343	8.46	cps
Selenium	78-2	883	997	943	941	6.02	cps
Silicon	28-1	7483025	7594867	8553638	7877177	7.47	cps
Silver	107-1	52093	53274	53180	52849	1.24	cps
Silver	109-1	50685	50337	50461	50494	0.35	cps
Sodium	23-2	144456	142717	142579	143251	0.73	cps
Strontium	86-1	251141	254270	255049	253487	0.82	cps
Strontium	88-1	2222000	2239932	2274522	2245485	1.19	cps
Sulfur	34-1	343323	344448	339499	342423	0.76	cps
Terbium	159-1	18960676	18970553	18585981	18839070	1.16	cps
Terbium	159-2	13606434	13556938	13562739	13575370	0.20	cps
Thallium	203-1	5925	6088	5788	5934	2.53	cps
Thallium	205-1	14044	13700	14424	14056	2.58	cps
Tin	118-1	30142	30112	30098	30117	0.07	cps
Titanium	47-1	1437000	1410824	1433552	1427125	1.00	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ76	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:17:45	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51359	52660	52209	52076	1.27	cps
Vanadium	51-2	612469	608787	612661	611306	0.36	cps
Yttrium	89-1	19469152	19342437	19363695	19391761	0.35	cps
Yttrium	89-2	5321869	5345963	5303741	5323858	0.40	cps
Zinc	66-2	1841227	1837996	1850346	1843190	0.35	cps
Zirconium	90-1	362766	367508	369301	366525	0.92	cps
Zirconium	91-1	81481	82165	83334	82327	1.14	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ77	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:20:49	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12007304	12033191	12059774	12033423	0.22	cps
Antimony	121-1	5344	5318	5268	5310	0.73	cps
Arsenic	75-2	147083	146918	147693	147231	0.28	cps
Barium	135-1	1632779	1642945	1658857	1644861	0.80	cps
Barium	137-1	2844967	2847307	2799365	2830547	0.95	cps
Beryllium	9-1	1823	2030	2070	1975	6.71	cps
Bismuth	209-1	10725027	10887610	10679657	10764098	1.02	cps
Bismuth	209-2	9450354	9283401	9455245	9396333	1.04	cps
Bromine	81-1	18028	18382	18225	18211	0.97	cps
Bromine	81-2	897	933	930	920	2.20	cps
Cadmium	108-1	880	887	897	888	0.94	cps
Cadmium	106-1	6391	6265	6195	6284	1.59	cps
Cadmium	111-1	10683	10553	10914	10717	1.71	cps
Calcium	43-1	2201183	2236547	2226132	2221287	0.82	cps
Calcium	44-1	35746217	36098223	35985706	35943382	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	261053	259032	259042	259709	0.45	cps
Cobalt	59-2	348774	347399	345880	347351	0.42	cps
Copper	63-2	588499	589457	590328	589428	0.16	cps
Dysprosium	156-1	122689	123941	122058	122896	0.78	cps
Dysprosium	156-2	111058	112469	110013	111180	1.11	cps
Erbium	164-1	106105	107009	106465	106526	0.43	cps
Erbium	164-2	80916	79387	79675	79993	1.02	cps
Gadolinium	160-1	117360	119746	119511	118872	1.11	cps
Gadolinium	160-2	90896	92006	92472	91791	0.88	cps
Holmium	165-1	18166715	18122583	17911232	18066843	0.76	cps
Holmium	165-2	13615214	13557148	13589402	13587255	0.21	cps
Indium	115-1	14870085	15103856	14772733	14915558	1.14	cps
Indium	115-2	5553058	5497655	5540172	5530295	0.52	cps
Iron	56-2	407306674	409860461	404048847	407071994	0.72	cps
Iron	57-2	10082043	10136111	10144530	10120895	0.34	cps
Iron	54-2	22021076	22108337	21878698	22002704	0.53	cps
Krypton	83-1	510	387	400	432	15.66	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ77	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:20:49	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1489439	1493242	1494539	1492407	0.18	cps
Lead	207-1	1390877	1384260	1384429	1386522	0.27	cps
Lead	208-1	5008737	5051552	4993408	5017899	0.60	cps
Lithium	6-1	1777613	1786195	1809766	1791191	0.93	cps
Magnesium	24-2	9827027	9877804	9994739	9899856	0.87	cps
Manganese	55-2	9867392	9882436	9827617	9859148	0.29	cps
Molybdenum	94-1	173933	173757	174027	173906	0.08	cps
Molybdenum	95-1	8733	8886	8676	8765	1.24	cps
Molybdenum	96-1	42639	41760	42164	42187	1.04	cps
Molybdenum	97-1	5424	5388	5418	5410	0.36	cps
Molybdenum	98-1	13690	13957	13973	13873	1.15	cps
Neodymium	150-1	210710	208935	209047	209564	0.47	cps
Neodymium	150-2	131287	130699	131701	131229	0.38	cps
Nickel	60-2	102014	102910	102943	102622	0.51	cps
Phosphorus	31-2	48329	47881	48443	48218	0.62	cps
Potassium	39-2	5625415	5627736	5670481	5641211	0.45	cps
Rhodium	103-1	13918063	13938607	13808581	13888417	0.50	cps
Rhodium	103-2	8528537	8483779	8527484	8513267	0.30	cps
Scandium	45-1	8639351	8553487	8491167	8561335	0.87	cps
Scandium	45-2	724809	718987	716681	720159	0.58	cps
Selenium	82-1	1180	1239	1165	1195	3.27	cps
Selenium	77-2	347	393	313	351	11.44	cps
Selenium	78-2	840	893	833	856	3.84	cps
Silicon	28-1	6695957	6597527	6431450	6574978	2.03	cps
Silver	107-1	10781	10497	10604	10627	1.35	cps
Silver	109-1	9306	10260	9563	9710	5.08	cps
Sodium	23-2	143706	142885	142132	142908	0.55	cps
Strontium	86-1	812504	813965	819012	815161	0.42	cps
Strontium	88-1	7251631	7204661	7266225	7240839	0.44	cps
Sulfur	34-1	421719	426362	423996	424026	0.55	cps
Terbium	159-1	18768869	18651701	18689950	18703507	0.32	cps
Terbium	159-2	13400488	13208718	13259641	13289616	0.75	cps
Thallium	203-1	4774	4594	4881	4750	3.05	cps
Thallium	205-1	11041	11195	11308	11181	1.20	cps
Tin	118-1	10074	10377	10247	10233	1.49	cps
Titanium	47-1	716468	721211	721289	719656	0.38	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ77	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:20:49	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34892	34892	35397	35061	0.83	cps
Vanadium	51-2	582389	579340	577703	579811	0.41	cps
Yttrium	89-1	19462452	19222014	19107395	19263954	0.94	cps
Yttrium	89-2	5332596	5288613	5315479	5312229	0.42	cps
Zinc	66-2	644882	643489	645087	644486	0.13	cps
Zirconium	90-1	455209	462024	455234	457489	0.86	cps
Zirconium	91-1	102085	103502	103988	103192	0.96	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ78	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:23:53	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8496025	8475026	8417898	8462983	0.48	cps
Antimony	121-1	20675	20752	21216	20881	1.40	cps
Arsenic	75-2	228137	226793	226319	227083	0.42	cps
Barium	135-1	1405205	1418172	1407098	1410158	0.50	cps
Barium	137-1	2442492	2481221	2494100	2472604	1.09	cps
Beryllium	9-1	1627	1647	1673	1649	1.42	cps
Bismuth	209-1	10861054	10660260	10842698	10788004	1.03	cps
Bismuth	209-2	9432768	9453102	9310477	9398782	0.82	cps
Bromine	81-1	16953	16559	16786	16766	1.18	cps
Bromine	81-2	717	773	673	721	6.95	cps
Cadmium	108-1	2284	2367	2300	2317	1.90	cps
Cadmium	106-1	8493	8209	8222	8308	1.93	cps
Cadmium	111-1	33259	33082	32720	33020	0.83	cps
Calcium	43-1	344775	344490	344259	344508	0.08	cps
Calcium	44-1	5402403	5436686	5399134	5412741	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	297639	297166	293980	296262	0.67	cps
Cobalt	59-2	291505	291949	290126	291193	0.33	cps
Copper	63-2	1337662	1331527	1329764	1332984	0.31	cps
Dysprosium	156-1	100016	100466	100543	100342	0.28	cps
Dysprosium	156-2	90465	90603	90438	90502	0.10	cps
Erbium	164-1	86821	88957	88022	87933	1.22	cps
Erbium	164-2	65713	65368	66765	65949	1.10	cps
Gadolinium	160-1	96019	95704	97130	96284	0.78	cps
Gadolinium	160-2	74440	73615	74533	74196	0.68	cps
Holmium	165-1	18285649	18177276	18106933	18189953	0.49	cps
Holmium	165-2	13439320	13338019	13366251	13381196	0.39	cps
Indium	115-1	15020830	14889470	14959339	14956547	0.44	cps
Indium	115-2	5598403	5545609	5508224	5550745	0.82	cps
Iron	56-2	428588234	426667460	424686154	426647283	0.46	cps
Iron	57-2	10659215	10577347	10465424	10567329	0.92	cps
Iron	54-2	23207796	23013816	22941949	23054520	0.60	cps
Krypton	83-1	373	463	443	427	11.08	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ78	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:23:53	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11501149	11618461	11502340	11540650	0.58	cps
Lead	207-1	10739454	10738111	10622342	10699969	0.63	cps
Lead	208-1	38041081	37947056	37954537	37980891	0.14	cps
Lithium	6-1	1788659	1780817	1824155	1797877	1.28	cps
Magnesium	24-2	5618155	5601212	5598088	5605818	0.19	cps
Manganese	55-2	6878041	6872546	6874883	6875157	0.04	cps
Molybdenum	94-1	147847	151238	148979	149355	1.16	cps
Molybdenum	95-1	23853	24030	23903	23929	0.38	cps
Molybdenum	96-1	52725	53688	52905	53106	0.96	cps
Molybdenum	97-1	14874	15288	14958	15040	1.45	cps
Molybdenum	98-1	39146	39707	38507	39120	1.53	cps
Neodymium	150-1	167287	169420	169877	168861	0.82	cps
Neodymium	150-2	106290	106401	105353	106015	0.54	cps
Nickel	60-2	103238	103785	103370	103465	0.28	cps
Phosphorus	31-2	30981	30998	30567	30849	0.79	cps
Potassium	39-2	4788573	4831615	4765642	4795277	0.70	cps
Rhodium	103-1	14283507	14146937	14103531	14177991	0.66	cps
Rhodium	103-2	8525694	8534923	8490253	8516957	0.28	cps
Scandium	45-1	8569589	8536124	8508474	8538062	0.36	cps
Scandium	45-2	726375	723223	718132	722577	0.58	cps
Selenium	82-1	1838	1750	1765	1785	2.62	cps
Selenium	77-2	430	403	390	408	4.99	cps
Selenium	78-2	1113	1170	1100	1128	3.30	cps
Silicon	28-1	3676699	3670846	3647089	3664878	0.43	cps
Silver	107-1	73160	72976	73954	73363	0.71	cps
Silver	109-1	67221	69770	69978	68990	2.22	cps
Sodium	23-2	148504	146196	145685	146795	1.02	cps
Strontium	86-1	230274	233334	230036	231215	0.80	cps
Strontium	88-1	2073293	2064566	2058306	2065389	0.36	cps
Sulfur	34-1	406197	400782	401736	402905	0.72	cps
Terbium	159-1	18820919	18489299	18448909	18586376	1.10	cps
Terbium	159-2	13098046	13366351	13246760	13237053	1.02	cps
Thallium	203-1	5471	5505	5575	5517	0.96	cps
Thallium	205-1	13166	13914	13824	13635	2.99	cps
Tin	118-1	43024	43980	43689	43565	1.13	cps
Titanium	47-1	1800096	1831823	1823592	1818504	0.91	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ78	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:23:53	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48070	49656	49003	48910	1.63	cps
Vanadium	51-2	575803	572411	571665	573293	0.38	cps
Yttrium	89-1	19482976	19239115	19036187	19252759	1.16	cps
Yttrium	89-2	5274170	5286445	5225981	5262199	0.61	cps
Zinc	66-2	2302480	2266252	2322471	2297068	1.24	cps
Zirconium	90-1	368361	372233	368778	369791	0.57	cps
Zirconium	91-1	83157	83375	82067	82866	0.85	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ79	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:26:57	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12560644	12496980	12454628	12504084	0.43	cps
Antimony	121-1	3504	3547	3801	3617	4.43	cps
Arsenic	75-2	119778	120350	119960	120029	0.24	cps
Barium	135-1	1421590	1449798	1434193	1435194	0.98	cps
Barium	137-1	2537417	2546151	2498044	2527204	1.01	cps
Beryllium	9-1	2077	1927	2030	2011	3.82	cps
Bismuth	209-1	10889192	10850649	10730188	10823343	0.77	cps
Bismuth	209-2	9496307	9588525	9574831	9553221	0.52	cps
Bromine	81-1	16756	16950	17330	17012	1.72	cps
Bromine	81-2	817	847	867	843	2.98	cps
Cadmium	108-1	807	680	847	778	11.19	cps
Cadmium	106-1	6008	6238	6441	6229	3.48	cps
Cadmium	111-1	8915	9245	9371	9177	2.56	cps
Calcium	43-1	2275949	2342814	2302925	2307229	1.46	cps
Calcium	44-1	37189444	37806404	37668584	37554811	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	275444	275315	272079	274279	0.70	cps
Cobalt	59-2	362914	362630	364470	363338	0.27	cps
Copper	63-2	621102	616997	614367	617489	0.55	cps
Dysprosium	156-1	119321	123117	123460	121966	1.88	cps
Dysprosium	156-2	111172	110557	112042	111257	0.67	cps
Erbium	164-1	105182	107657	107036	106625	1.21	cps
Erbium	164-2	81218	80433	80450	80700	0.56	cps
Gadolinium	160-1	117423	118758	120983	119055	1.51	cps
Gadolinium	160-2	93086	92576	92918	92860	0.28	cps
Holmium	165-1	18164999	18202953	18086612	18151522	0.33	cps
Holmium	165-2	13659383	13522625	13573427	13585145	0.51	cps
Indium	115-1	15087627	14937246	14965253	14996709	0.53	cps
Indium	115-2	5619215	5601540	5660630	5627129	0.54	cps
Iron	56-2	419686674	419313514	417998407	418999532	0.21	cps
Iron	57-2	10431352	10411387	10391008	10411249	0.19	cps
Iron	54-2	22741228	22526270	22588384	22618627	0.49	cps
Krypton	83-1	447	450	427	441	2.86	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ79	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:26:57	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1185948	1203963	1197834	1195915	0.77	cps
Lead	207-1	1093381	1107427	1111882	1104230	0.87	cps
Lead	208-1	3989221	4026429	4043875	4019842	0.69	cps
Lithium	6-1	1830412	1806220	1803123	1813252	0.82	cps
Magnesium	24-2	10653678	10607742	10555078	10605499	0.47	cps
Manganese	55-2	9434439	9467172	9412167	9437926	0.29	cps
Molybdenum	94-1	163872	166747	165361	165327	0.87	cps
Molybdenum	95-1	6425	6598	6755	6593	2.51	cps
Molybdenum	96-1	37755	38220	38821	38266	1.40	cps
Molybdenum	97-1	3697	3907	4111	3905	5.29	cps
Molybdenum	98-1	9843	10307	10077	10076	2.30	cps
Neodymium	150-1	206923	212095	207717	208912	1.33	cps
Neodymium	150-2	132751	133179	134003	133311	0.48	cps
Nickel	60-2	106535	106283	106136	106318	0.19	cps
Phosphorus	31-2	40513	40163	40570	40416	0.55	cps
Potassium	39-2	4795120	4809791	4794823	4799911	0.18	cps
Rhodium	103-1	14072195	13915308	13786351	13924618	1.03	cps
Rhodium	103-2	8613876	8541379	8520255	8558503	0.57	cps
Scandium	45-1	8676292	8610916	8536964	8608057	0.81	cps
Scandium	45-2	731081	733844	725877	730268	0.55	cps
Selenium	82-1	1081	1162	1063	1102	4.78	cps
Selenium	77-2	367	400	423	397	7.18	cps
Selenium	78-2	860	927	870	886	4.06	cps
Silicon	28-1	7553991	7369476	7375356	7432941	1.41	cps
Silver	107-1	8429	8539	8659	8543	1.35	cps
Silver	109-1	7852	7699	8102	7884	2.58	cps
Sodium	23-2	139205	141550	139414	140056	0.93	cps
Strontium	86-1	665074	678757	673709	672513	1.03	cps
Strontium	88-1	5924276	5938199	6029103	5963859	0.95	cps
Sulfur	34-1	354533	360048	362901	359161	1.18	cps
Terbium	159-1	18756908	18832561	18752083	18780517	0.24	cps
Terbium	159-2	13422213	13410326	13450341	13427627	0.15	cps
Thallium	203-1	4121	4474	4257	4284	4.16	cps
Thallium	205-1	10114	10364	10517	10332	1.97	cps
Tin	118-1	7542	7876	7629	7682	2.25	cps
Titanium	47-1	858553	869990	861168	863237	0.69	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ79	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:26:57	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33405	33963	33870	33746	0.89	cps
Vanadium	51-2	597404	594180	591533	594372	0.49	cps
Yttrium	89-1	19527644	19421436	19462925	19470668	0.27	cps
Yttrium	89-2	5362070	5321348	5329792	5337737	0.40	cps
Zinc	66-2	575982	574691	577089	575921	0.21	cps
Zirconium	90-1	429656	441743	436592	435997	1.39	cps
Zirconium	91-1	96415	96860	98675	97317	1.23	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ80	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:30:02	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10864699	10851817	10872856	10863124	0.10	cps
Antimony	121-1	8282	8433	8526	8414	1.46	cps
Arsenic	75-2	172877	170473	171488	171613	0.70	cps
Barium	135-1	1195022	1213819	1204665	1204502	0.78	cps
Barium	137-1	2141709	2106435	2100880	2116341	1.05	cps
Beryllium	9-1	2267	2260	2350	2292	2.19	cps
Bismuth	209-1	11086094	11101495	11037477	11075022	0.30	cps
Bismuth	209-2	9629629	9556849	9599535	9595338	0.38	cps
Bromine	81-1	17100	17614	17851	17522	2.19	cps
Bromine	81-2	787	890	867	848	6.39	cps
Cadmium	108-1	2370	2460	2574	2468	4.13	cps
Cadmium	106-1	8913	8756	8142	8604	4.73	cps
Cadmium	111-1	34234	34091	34217	34180	0.23	cps
Calcium	43-1	480209	488394	485927	484843	0.87	cps
Calcium	44-1	7664979	7669883	7661927	7665596	0.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	332280	327364	331989	330544	0.83	cps
Cobalt	59-2	365126	360582	360954	362221	0.70	cps
Copper	63-2	1516882	1485488	1502903	1501758	1.05	cps
Dysprosium	156-1	118206	120219	119257	119227	0.84	cps
Dysprosium	156-2	107631	105868	106859	106786	0.83	cps
Erbium	164-1	104735	107123	106119	105992	1.13	cps
Erbium	164-2	79893	79669	79327	79629	0.36	cps
Gadolinium	160-1	115024	116872	115591	115829	0.82	cps
Gadolinium	160-2	89724	90292	89681	89899	0.38	cps
Holmium	165-1	18658464	18450429	18283914	18464269	1.02	cps
Holmium	165-2	13545519	13489188	13585609	13540105	0.36	cps
Indium	115-1	15330403	15147153	15129336	15202297	0.73	cps
Indium	115-2	5682579	5592723	5645967	5640423	0.80	cps
Iron	56-2	544116632	533813659	537394539	538441610	0.97	cps
Iron	57-2	13375541	13260260	13332989	13322930	0.44	cps
Iron	54-2	29293090	28870651	29142523	29102088	0.74	cps
Krypton	83-1	440	443	453	446	1.56	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ80	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:30:02	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8039152	7976611	8019579	8011781	0.40	cps
Lead	207-1	7227050	7236033	7277589	7246891	0.37	cps
Lead	208-1	25821355	26078838	26051385	25983859	0.54	cps
Lithium	6-1	1889232	1872271	1845872	1869125	1.17	cps
Magnesium	24-2	7027410	7062910	7001514	7030612	0.44	cps
Manganese	55-2	7923110	7807001	7851312	7860474	0.75	cps
Molybdenum	94-1	154394	155505	155512	155137	0.41	cps
Molybdenum	95-1	11975	12345	12642	12321	2.71	cps
Molybdenum	96-1	43762	43220	44016	43666	0.93	cps
Molybdenum	97-1	7822	8042	7819	7894	1.62	cps
Molybdenum	98-1	19530	19039	19623	19397	1.62	cps
Neodymium	150-1	198988	202438	202490	201305	1.00	cps
Neodymium	150-2	126522	125893	127123	126513	0.49	cps
Nickel	60-2	111880	113488	112162	112510	0.76	cps
Phosphorus	31-2	35839	36099	37142	36360	1.90	cps
Potassium	39-2	5631259	5710243	5678525	5673342	0.70	cps
Rhodium	103-1	14538313	14221871	14106741	14288975	1.56	cps
Rhodium	103-2	8597594	8649667	8585084	8610782	0.40	cps
Scandium	45-1	8889122	8625267	8626668	8713685	1.74	cps
Scandium	45-2	728441	723771	729695	727303	0.43	cps
Selenium	82-1	1458	1476	1446	1460	1.03	cps
Selenium	77-2	360	403	360	374	6.68	cps
Selenium	78-2	1077	1003	997	1026	4.33	cps
Silicon	28-1	3571336	3636116	3527007	3578153	1.53	cps
Silver	107-1	33028	34190	33940	33719	1.81	cps
Silver	109-1	31260	32663	32620	32181	2.48	cps
Sodium	23-2	150231	149211	149575	149672	0.35	cps
Strontium	86-1	277951	277810	282221	279328	0.90	cps
Strontium	88-1	2521501	2484965	2547871	2518112	1.25	cps
Sulfur	34-1	445934	439164	433377	439492	1.43	cps
Terbium	159-1	19057021	18776268	18678289	18837193	1.04	cps
Terbium	159-2	13432239	13326431	13433648	13397439	0.46	cps
Thallium	203-1	5951	6091	5975	6006	1.25	cps
Thallium	205-1	13363	14288	13964	13872	3.38	cps
Tin	118-1	49843	51274	51692	50936	1.90	cps
Titanium	47-1	1533520	1540295	1522294	1532036	0.59	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ80	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:30:02	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53015	55338	53661	54005	2.22	cps
Vanadium	51-2	664430	659769	663413	662537	0.37	cps
Yttrium	89-1	20038516	19552879	19535681	19709025	1.45	cps
Yttrium	89-2	5377280	5303399	5337438	5339372	0.69	cps
Zinc	66-2	2906082	2873532	2944637	2908084	1.22	cps
Zirconium	90-1	397637	401859	401266	400254	0.57	cps
Zirconium	91-1	88519	90007	91350	89959	1.57	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ81	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:33:05	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17005695	16855162	16865280	16908712	0.50	cps
Antimony	121-1	1503	1420	1423	1449	3.26	cps
Arsenic	75-2	65567	65551	65748	65622	0.17	cps
Barium	135-1	2150761	2150805	2178259	2159942	0.73	cps
Barium	137-1	3694378	3702025	3750114	3715506	0.81	cps
Beryllium	9-1	2690	2730	2657	2692	1.36	cps
Bismuth	209-1	11251113	10707962	10687836	10882304	2.94	cps
Bismuth	209-2	9459907	9575913	9500678	9512166	0.62	cps
Bromine	81-1	16499	16649	16576	16575	0.45	cps
Bromine	81-2	733	703	817	751	7.82	cps
Cadmium	108-1	590	653	583	609	6.35	cps
Cadmium	106-1	6572	5998	6175	6248	4.70	cps
Cadmium	111-1	6621	6475	6611	6569	1.24	cps
Calcium	43-1	2183784	2210854	2216703	2203781	0.80	cps
Calcium	44-1	35220230	36076354	35880314	35725633	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	366225	365792	366198	366072	0.07	cps
Cobalt	59-2	481478	479714	474050	478414	0.81	cps
Copper	63-2	696549	700727	691984	696420	0.63	cps
Dysprosium	156-1	167735	169755	170511	169334	0.85	cps
Dysprosium	156-2	153767	154586	154866	154406	0.37	cps
Erbium	164-1	148267	148078	148213	148186	0.07	cps
Erbium	164-2	112195	110193	111675	111354	0.93	cps
Gadolinium	160-1	164212	164908	165747	164956	0.47	cps
Gadolinium	160-2	128839	131126	128607	129524	1.08	cps
Holmium	165-1	18902298	17912929	17936243	18250490	3.09	cps
Holmium	165-2	13578003	13684432	13582769	13615068	0.44	cps
Indium	115-1	15274933	14774252	15022749	15023978	1.67	cps
Indium	115-2	5620023	5524675	5591991	5578896	0.88	cps
Iron	56-2	543804205	546829619	542579645	544404490	0.40	cps
Iron	57-2	13585724	13485333	13502108	13524388	0.40	cps
Iron	54-2	29563743	29361150	29129484	29351459	0.74	cps
Krypton	83-1	533	500	513	516	3.25	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ81	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:33:05	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	554871	558472	558312	557218	0.37	cps
Lead	207-1	483808	485535	482235	483860	0.34	cps
Lead	208-1	1737878	1758230	1744650	1746919	0.59	cps
Lithium	6-1	1857604	1810945	1843644	1837397	1.30	cps
Magnesium	24-2	13631104	13620095	13546923	13599374	0.34	cps
Manganese	55-2	13155574	13166176	12965067	13095606	0.86	cps
Molybdenum	94-1	188534	193365	191920	191273	1.30	cps
Molybdenum	95-1	4944	5591	5338	5291	6.16	cps
Molybdenum	96-1	41980	42759	42291	42343	0.93	cps
Molybdenum	97-1	3174	3147	3207	3176	0.95	cps
Molybdenum	98-1	8156	7899	7952	8002	1.69	cps
Neodymium	150-1	289519	293343	296332	293065	1.17	cps
Neodymium	150-2	185602	185846	184818	185422	0.29	cps
Nickel	60-2	142428	143589	141053	142357	0.89	cps
Phosphorus	31-2	51393	50657	51232	51094	0.76	cps
Potassium	39-2	4912463	4886575	4893283	4897440	0.27	cps
Rhodium	103-1	14466466	13856725	13935221	14086137	2.35	cps
Rhodium	103-2	8514237	8457479	8473428	8481715	0.35	cps
Scandium	45-1	8903599	8499911	8625393	8676301	2.38	cps
Scandium	45-2	741967	738295	732422	737561	0.65	cps
Selenium	82-1	1065	973	1067	1035	5.21	cps
Selenium	77-2	400	500	527	476	14.04	cps
Selenium	78-2	847	1023	1033	968	10.85	cps
Silicon	28-1	11415405	11651608	11634889	11567301	1.14	cps
Silver	107-1	3684	3767	3794	3748	1.53	cps
Silver	109-1	3264	3364	3217	3282	2.28	cps
Sodium	23-2	200864	198121	197023	198669	1.00	cps
Strontium	86-1	926020	940103	940928	935684	0.90	cps
Strontium	88-1	8218341	8298760	8296076	8271059	0.55	cps
Sulfur	34-1	233531	238092	238431	236685	1.16	cps
Terbium	159-1	19587922	18549066	18790501	18975829	2.87	cps
Terbium	159-2	13362802	13491913	13250421	13368379	0.90	cps
Thallium	203-1	5991	6205	6021	6073	1.90	cps
Thallium	205-1	14238	14478	14454	14390	0.92	cps
Tin	118-1	9130	9026	9113	9090	0.61	cps
Titanium	47-1	931957	943348	943787	939698	0.71	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ81	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:33:05	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47153	47387	47334	47291	0.26	cps
Vanadium	51-2	802100	795641	791386	796376	0.68	cps
Yttrium	89-1	20424515	19713552	19801746	19979937	1.94	cps
Yttrium	89-2	5470136	5454682	5509522	5478113	0.52	cps
Zinc	66-2	345949	343924	341282	343718	0.68	cps
Zirconium	90-1	505893	515024	513778	511565	0.97	cps
Zirconium	91-1	113662	113276	114304	113747	0.46	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ82	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:36:10	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13266288	13257450	13010950	13178229	1.10	cps
Antimony	121-1	1607	1597	1633	1612	1.18	cps
Arsenic	75-2	44817	44105	44410	44444	0.80	cps
Barium	135-1	1505738	1528817	1521771	1518775	0.78	cps
Barium	137-1	2638534	2675181	2670040	2661252	0.75	cps
Beryllium	9-1	2527	2360	2550	2479	4.18	cps
Bismuth	209-1	10810023	10896997	10912480	10873167	0.51	cps
Bismuth	209-2	9596288	9480157	9526048	9534164	0.61	cps
Bromine	81-1	18238	18635	18322	18398	1.14	cps
Bromine	81-2	1160	937	1117	1071	11.06	cps
Cadmium	108-1	540	493	523	519	4.56	cps
Cadmium	106-1	5908	5815	5358	5693	5.17	cps
Cadmium	111-1	6618	6458	6321	6466	2.30	cps
Calcium	43-1	541288	537526	532167	536994	0.85	cps
Calcium	44-1	8487576	8486901	8368233	8447570	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	261070	259915	257079	259355	0.79	cps
Cobalt	59-2	386910	388024	386244	387059	0.23	cps
Copper	63-2	625242	627740	622292	625092	0.44	cps
Dysprosium	156-1	126214	126708	126900	126607	0.28	cps
Dysprosium	156-2	113168	114549	114213	113976	0.63	cps
Erbium	164-1	113150	111645	112868	112554	0.71	cps
Erbium	164-2	84359	84007	83048	83805	0.81	cps
Gadolinium	160-1	120946	122261	121269	121492	0.56	cps
Gadolinium	160-2	95009	93690	93955	94218	0.74	cps
Holmium	165-1	18324518	18233968	17953018	18170502	1.07	cps
Holmium	165-2	13673261	13509052	13444905	13542406	0.87	cps
Indium	115-1	14992529	14962510	14848883	14934641	0.51	cps
Indium	115-2	5625682	5571111	5570869	5589221	0.56	cps
Iron	56-2	476946273	476349273	473745206	475680251	0.36	cps
Iron	57-2	11948605	11849532	11809449	11869196	0.60	cps
Iron	54-2	25936765	25726355	25510572	25724564	0.83	cps
Krypton	83-1	507	450	420	459	9.59	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ82	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:36:10	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	628721	633147	631422	631097	0.35	cps
Lead	207-1	546657	551320	552946	550308	0.59	cps
Lead	208-1	1977257	1984865	1984498	1982207	0.22	cps
Lithium	6-1	1813902	1872979	1836444	1841108	1.62	cps
Magnesium	24-2	8265676	8268824	8201821	8245440	0.46	cps
Manganese	55-2	10244629	10208861	9997152	10150214	1.32	cps
Molybdenum	94-1	149063	148847	148740	148883	0.11	cps
Molybdenum	95-1	5244	5301	5114	5220	1.83	cps
Molybdenum	96-1	34250	34999	33856	34368	1.69	cps
Molybdenum	97-1	3190	3224	3217	3210	0.55	cps
Molybdenum	98-1	8199	7882	7839	7973	2.47	cps
Neodymium	150-1	209879	210241	207152	209091	0.81	cps
Neodymium	150-2	131617	132273	132923	132271	0.49	cps
Nickel	60-2	102883	101869	101433	102062	0.73	cps
Phosphorus	31-2	26703	26329	26523	26519	0.71	cps
Potassium	39-2	5505372	5520327	5409314	5478338	1.10	cps
Rhodium	103-1	14209151	13979733	13903448	14030777	1.13	cps
Rhodium	103-2	8583996	8533414	8488341	8535251	0.56	cps
Scandium	45-1	8696542	8665318	8515411	8625757	1.12	cps
Scandium	45-2	731654	724194	716659	724169	1.04	cps
Selenium	82-1	984	939	1115	1013	9.02	cps
Selenium	77-2	387	350	347	361	6.15	cps
Selenium	78-2	783	943	923	883	9.87	cps
Silicon	28-1	6726634	6884711	6731593	6780979	1.33	cps
Silver	107-1	4161	4444	4147	4251	3.94	cps
Silver	109-1	3924	3771	3797	3831	2.14	cps
Sodium	23-2	133177	132168	131509	132284	0.63	cps
Strontium	86-1	370149	374244	371406	371933	0.56	cps
Strontium	88-1	3307225	3292010	3252622	3283952	0.86	cps
Sulfur	34-1	196749	191496	189364	192536	1.97	cps
Terbium	159-1	18819623	18719936	18695282	18744947	0.35	cps
Terbium	159-2	13341171	13462958	13208812	13337647	0.95	cps
Thallium	203-1	5171	5354	5498	5341	3.07	cps
Thallium	205-1	12786	13086	13116	12996	1.41	cps
Tin	118-1	9547	9450	9206	9401	1.87	cps
Titanium	47-1	1534984	1528047	1537781	1533604	0.33	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ82	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:36:10	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51763	51151	50917	51277	0.85	cps
Vanadium	51-2	719161	717218	711432	715937	0.56	cps
Yttrium	89-1	19664891	19641872	19194088	19500284	1.36	cps
Yttrium	89-2	5373335	5370694	5234213	5326081	1.49	cps
Zinc	66-2	314614	311772	312292	312893	0.48	cps
Zirconium	90-1	396537	397908	392291	395579	0.74	cps
Zirconium	91-1	87797	87710	87837	87781	0.07	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ83	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:39:19	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12810480	12787384	12831356	12809740	0.17	cps
Antimony	121-1	1220	1353	1260	1278	5.36	cps
Arsenic	75-2	49659	49348	49268	49425	0.42	cps
Barium	135-1	1722638	1702953	1715353	1713648	0.58	cps
Barium	137-1	2940593	2915793	3014054	2956813	1.73	cps
Beryllium	9-1	2274	2240	2197	2237	1.72	cps
Bismuth	209-1	10921097	10675869	10795872	10797612	1.14	cps
Bismuth	209-2	9456348	9415869	9438554	9436924	0.21	cps
Bromine	81-1	16963	16746	16943	16884	0.71	cps
Bromine	81-2	850	813	653	772	13.54	cps
Cadmium	108-1	520	410	520	483	13.14	cps
Cadmium	106-1	6205	6078	6008	6097	1.64	cps
Cadmium	111-1	6073	5868	5822	5921	2.26	cps
Calcium	43-1	1894646	1897996	1878044	1890228	0.57	cps
Calcium	44-1	30803075	31038980	30906666	30916240	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254801	255365	249651	253272	1.24	cps
Cobalt	59-2	380170	378052	377281	378501	0.40	cps
Copper	63-2	528224	526649	524443	526439	0.36	cps
Dysprosium	156-1	140380	141727	141076	141061	0.48	cps
Dysprosium	156-2	127946	127357	128488	127930	0.44	cps
Erbium	164-1	119280	122064	121933	121092	1.30	cps
Erbium	164-2	89598	89863	91708	90390	1.27	cps
Gadolinium	160-1	135201	134356	135218	134925	0.37	cps
Gadolinium	160-2	105500	103972	105197	104890	0.77	cps
Holmium	165-1	18627620	18164217	18043586	18278474	1.69	cps
Holmium	165-2	13532214	13431275	13563458	13508982	0.51	cps
Indium	115-1	15084911	14902496	14923302	14970237	0.67	cps
Indium	115-2	5548491	5525283	5603848	5559207	0.73	cps
Iron	56-2	419710167	415988220	415133407	416943932	0.58	cps
Iron	57-2	10388494	10349530	10288930	10342318	0.49	cps
Iron	54-2	22584367	22508272	22475108	22522582	0.25	cps
Krypton	83-1	460	457	460	459	0.42	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ83	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:39:19	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	409497	416642	414172	413437	0.88	cps
Lead	207-1	353512	358932	351755	354733	1.05	cps
Lead	208-1	1277819	1286769	1283893	1282827	0.36	cps
Lithium	6-1	1866325	1862061	1808609	1845665	1.74	cps
Magnesium	24-2	10399664	10412286	10384855	10398935	0.13	cps
Manganese	55-2	10182225	10101265	10189732	10157741	0.48	cps
Molybdenum	94-1	154135	156872	153959	154989	1.05	cps
Molybdenum	95-1	5258	4994	5081	5111	2.63	cps
Molybdenum	96-1	35099	34855	34571	34841	0.76	cps
Molybdenum	97-1	3150	3520	3064	3245	7.48	cps
Molybdenum	98-1	7849	7866	7872	7862	0.15	cps
Neodymium	150-1	240162	242875	243980	242339	0.81	cps
Neodymium	150-2	151093	152336	152120	151850	0.44	cps
Nickel	60-2	109231	107979	108573	108594	0.58	cps
Phosphorus	31-2	41419	41519	41142	41360	0.47	cps
Potassium	39-2	3788041	3769145	3760966	3772717	0.37	cps
Rhodium	103-1	14020016	13794300	13844093	13886136	0.85	cps
Rhodium	103-2	8499114	8390089	8465813	8451672	0.66	cps
Scandium	45-1	8645783	8558013	8397974	8533923	1.47	cps
Scandium	45-2	720539	713215	721740	718498	0.64	cps
Selenium	82-1	931	937	945	938	0.73	cps
Selenium	77-2	427	397	380	401	5.90	cps
Selenium	78-2	913	897	813	874	6.13	cps
Silicon	28-1	7790394	7702950	7709735	7734360	0.63	cps
Silver	107-1	2547	2524	2430	2500	2.47	cps
Silver	109-1	2130	2147	2077	2118	1.73	cps
Sodium	23-2	140847	141435	140278	140854	0.41	cps
Strontium	86-1	766878	770127	766581	767862	0.26	cps
Strontium	88-1	6684871	6772101	6833078	6763350	1.10	cps
Sulfur	34-1	221306	226105	228479	225297	1.62	cps
Terbium	159-1	19120619	18528805	18819473	18822966	1.57	cps
Terbium	159-2	13235344	13207535	13226444	13223108	0.11	cps
Thallium	203-1	4211	4557	4504	4424	4.22	cps
Thallium	205-1	10147	10718	10534	10466	2.78	cps
Tin	118-1	6955	6905	7065	6975	1.17	cps
Titanium	47-1	972554	987729	975703	978662	0.82	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ83	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:39:19	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36109	36249	36958	36439	1.25	cps
Vanadium	51-2	609079	608740	608236	608685	0.07	cps
Yttrium	89-1	19825775	19548951	19441455	19605394	1.01	cps
Yttrium	89-2	5385219	5376986	5377525	5379910	0.09	cps
Zinc	66-2	249868	246836	248701	248468	0.62	cps
Zirconium	90-1	407788	413531	408638	409986	0.76	cps
Zirconium	91-1	91046	91764	91537	91449	0.40	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ84	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:42:25	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11306222	11361769	11142179	11270057	1.01	cps
Antimony	121-1	6875	6752	6825	6817	0.91	cps
Arsenic	75-2	202914	202351	202015	202426	0.22	cps
Barium	135-1	1301743	1316791	1313042	1310525	0.60	cps
Barium	137-1	2317515	2304192	2312550	2311419	0.29	cps
Beryllium	9-1	2023	2114	2077	2071	2.19	cps
Bismuth	209-1	10842136	10718575	10868630	10809781	0.74	cps
Bismuth	209-2	9499346	9432706	9441801	9457951	0.38	cps
Bromine	81-1	16950	17100	17991	17347	3.24	cps
Bromine	81-2	723	843	787	784	7.65	cps
Cadmium	108-1	1523	1537	1587	1549	2.16	cps
Cadmium	106-1	7122	6938	7072	7044	1.35	cps
Cadmium	111-1	19481	19109	19795	19462	1.76	cps
Calcium	43-1	1103616	1109873	1104213	1105901	0.31	cps
Calcium	44-1	17363156	17439084	17268073	17356771	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	262563	262646	259375	261528	0.71	cps
Cobalt	59-2	369098	365966	363553	366206	0.76	cps
Copper	63-2	776806	779218	772954	776326	0.41	cps
Dysprosium	156-1	116710	116585	117782	117025	0.56	cps
Dysprosium	156-2	105113	106063	104612	105263	0.70	cps
Erbium	164-1	101911	103291	103855	103019	0.97	cps
Erbium	164-2	76411	77996	76153	76853	1.30	cps
Gadolinium	160-1	111918	115394	113784	113699	1.53	cps
Gadolinium	160-2	87635	91563	88601	89266	2.29	cps
Holmium	165-1	18470331	18009921	18102034	18194096	1.34	cps
Holmium	165-2	13480534	13500016	13412822	13464457	0.34	cps
Indium	115-1	15089312	14819546	14777863	14895574	1.14	cps
Indium	115-2	5606346	5542877	5517020	5555414	0.83	cps
Iron	56-2	450432700	454122380	448879300	451144793	0.60	cps
Iron	57-2	11215686	11233857	11107183	11185575	0.61	cps
Iron	54-2	24429079	24587372	24118615	24378355	0.98	cps
Krypton	83-1	390	313	423	376	15.02	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ84	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:42:25	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3684339	3698606	3709719	3697555	0.34	cps
Lead	207-1	3427424	3422135	3482371	3443977	0.97	cps
Lead	208-1	12065097	12166208	12306603	12179302	1.00	cps
Lithium	6-1	1864450	1816741	1842476	1841222	1.30	cps
Magnesium	24-2	8482966	8414245	8402156	8433122	0.52	cps
Manganese	55-2	8203259	8328684	8105227	8212390	1.36	cps
Molybdenum	94-1	137434	139567	138736	138579	0.78	cps
Molybdenum	95-1	6838	6955	6902	6898	0.85	cps
Molybdenum	96-1	34634	34878	34501	34671	0.55	cps
Molybdenum	97-1	4394	4254	4291	4313	1.68	cps
Molybdenum	98-1	10494	10851	10561	10635	1.78	cps
Neodymium	150-1	194540	199552	199176	197756	1.41	cps
Neodymium	150-2	124474	125876	123919	124756	0.81	cps
Nickel	60-2	97366	96293	96229	96630	0.66	cps
Phosphorus	31-2	38940	39237	39354	39177	0.55	cps
Potassium	39-2	4550014	4600115	4567371	4572500	0.56	cps
Rhodium	103-1	14269716	14066458	13774702	14036959	1.77	cps
Rhodium	103-2	8589628	8489745	8317277	8465550	1.63	cps
Scandium	45-1	8702708	8557369	8447569	8569215	1.49	cps
Scandium	45-2	715435	720170	713744	716450	0.46	cps
Selenium	82-1	1334	1451	1322	1369	5.23	cps
Selenium	77-2	390	313	367	357	11.02	cps
Selenium	78-2	930	973	930	944	2.65	cps
Silicon	28-1	5522501	5646582	5456988	5542023	1.74	cps
Silver	107-1	28992	29884	29861	29579	1.72	cps
Silver	109-1	28157	28481	28274	28304	0.58	cps
Sodium	23-2	140870	140470	138536	139959	0.89	cps
Strontium	86-1	443507	445831	446523	445287	0.35	cps
Strontium	88-1	3940666	3978309	3885442	3934805	1.19	cps
Sulfur	34-1	361590	359480	362409	361160	0.42	cps
Terbium	159-1	18978026	18599069	18851770	18809622	1.03	cps
Terbium	159-2	13339781	13156086	13285121	13260330	0.71	cps
Thallium	203-1	4991	5101	5334	5142	3.41	cps
Thallium	205-1	11568	12252	11999	11940	2.90	cps
Tin	118-1	14844	15352	14935	15043	1.80	cps
Titanium	47-1	1342380	1325653	1327256	1331763	0.69	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ84	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:42:25	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40521	41949	41528	41333	1.77	cps
Vanadium	51-2	666744	662911	658584	662746	0.62	cps
Yttrium	89-1	19510788	19210146	19015891	19245608	1.30	cps
Yttrium	89-2	5279191	5328830	5223291	5277104	1.00	cps
Zinc	66-2	1307497	1299620	1292213	1299777	0.59	cps
Zirconium	90-1	361888	363835	364734	363486	0.40	cps
Zirconium	91-1	80992	82352	81870	81738	0.84	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ85	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:45:29	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11464367	11501858	11431739	11465988	0.31	cps
Antimony	121-1	3674	3877	3624	3725	3.60	cps
Arsenic	75-2	92550	93945	93576	93357	0.77	cps
Barium	135-1	1252392	1255269	1244314	1250658	0.45	cps
Barium	137-1	2192707	2190387	2186560	2189884	0.14	cps
Beryllium	9-1	2013	2170	2334	2172	7.37	cps
Bismuth	209-1	10871460	9082502	10750314	10234759	9.77	cps
Bismuth	209-2	9482738	9426046	9480407	9463064	0.34	cps
Bromine	81-1	17681	17891	17641	17737	0.76	cps
Bromine	81-2	883	787	900	857	7.14	cps
Cadmium	108-1	757	727	583	689	13.45	cps
Cadmium	106-1	5975	5244	6195	5805	8.57	cps
Cadmium	111-1	9504	9260	10006	9590	3.96	cps
Calcium	43-1	664641	673676	661044	666454	0.98	cps
Calcium	44-1	10530134	10555948	10465296	10517126	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	252127	251944	252558	252210	0.12	cps
Cobalt	59-2	367993	369301	367412	368235	0.26	cps
Copper	63-2	698646	697312	694152	696703	0.33	cps
Dysprosium	156-1	107789	107430	106059	107093	0.85	cps
Dysprosium	156-2	96539	97022	96693	96751	0.26	cps
Erbium	164-1	94849	98739	95974	96520	2.07	cps
Erbium	164-2	72155	72041	72011	72069	0.11	cps
Gadolinium	160-1	103266	106081	103388	104245	1.53	cps
Gadolinium	160-2	81917	81019	81163	81366	0.59	cps
Holmium	165-1	17964266	15262390	18506913	17244523	10.08	cps
Holmium	165-2	13561971	13613651	13412898	13529506	0.77	cps
Indium	115-1	14924933	12609593	14945485	14160004	9.48	cps
Indium	115-2	5561410	5511875	5559246	5544177	0.50	cps
Iron	56-2	451491433	451232500	451696353	451473429	0.05	cps
Iron	57-2	11181292	11215686	11285579	11227519	0.47	cps
Iron	54-2	24381905	24433675	24463112	24426231	0.17	cps
Krypton	83-1	353	440	443	412	12.38	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ85	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:45:29	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1412719	1436961	1420887	1423522	0.87	cps
Lead	207-1	1283799	1299357	1293947	1292368	0.61	cps
Lead	208-1	4725783	4804449	4716843	4749025	1.02	cps
Lithium	6-1	1854508	1540887	1835415	1743603	10.08	cps
Magnesium	24-2	8341333	8372356	8327539	8347076	0.27	cps
Manganese	55-2	8958459	8955178	8968442	8960693	0.08	cps
Molybdenum	94-1	124228	127159	124910	125432	1.22	cps
Molybdenum	95-1	5895	6178	5868	5980	2.87	cps
Molybdenum	96-1	31404	31314	31167	31295	0.38	cps
Molybdenum	97-1	3634	3701	3577	3637	1.70	cps
Molybdenum	98-1	9083	9186	8749	9006	2.54	cps
Neodymium	150-1	175110	178153	175980	176414	0.89	cps
Neodymium	150-2	112030	111628	112178	111945	0.25	cps
Nickel	60-2	94639	94214	94210	94354	0.26	cps
Phosphorus	31-2	33964	34222	33590	33925	0.94	cps
Potassium	39-2	6119054	6161988	6171652	6150898	0.46	cps
Rhodium	103-1	13851304	11777923	13985541	13204923	9.37	cps
Rhodium	103-2	8438952	8436671	8448286	8441303	0.07	cps
Scandium	45-1	8540187	7251502	8533881	8108524	9.15	cps
Scandium	45-2	714977	716517	710328	713941	0.45	cps
Selenium	82-1	1092	918	960	990	9.18	cps
Selenium	77-2	327	317	380	341	9.98	cps
Selenium	78-2	737	783	863	794	8.06	cps
Silicon	28-1	6101749	6247975	6290464	6213396	1.59	cps
Silver	107-1	11121	10877	11274	11091	1.81	cps
Silver	109-1	9940	10077	10604	10207	3.43	cps
Sodium	23-2	131345	130070	129445	130287	0.74	cps
Strontium	86-1	348797	353761	349244	350601	0.78	cps
Strontium	88-1	3116007	3147862	3099064	3120978	0.79	cps
Sulfur	34-1	228337	225441	224187	225988	0.94	cps
Terbium	159-1	18601510	15653427	18669914	17641617	9.76	cps
Terbium	159-2	13420579	13341603	13327051	13363078	0.38	cps
Thallium	203-1	4581	4691	4267	4513	4.87	cps
Thallium	205-1	10668	11075	10057	10600	4.83	cps
Tin	118-1	9513	10247	10187	9982	4.08	cps
Titanium	47-1	1392314	1418049	1388385	1399583	1.15	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ85	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:45:29	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36523	37062	37125	36903	0.90	cps
Vanadium	51-2	682565	675116	678608	678763	0.55	cps
Yttrium	89-1	19151948	16403920	19029227	18195032	8.53	cps
Yttrium	89-2	5222753	5230464	5169560	5207592	0.64	cps
Zinc	66-2	566993	567803	571421	568739	0.41	cps
Zirconium	90-1	332331	332856	330863	332017	0.31	cps
Zirconium	91-1	75010	75104	74256	74790	0.62	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ86	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:48:34	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11910548	12040545	12025198	11992097	0.59	cps
Antimony	121-1	1340	1340	1430	1370	3.79	cps
Arsenic	75-2	45429	45376	44503	45103	1.15	cps
Barium	135-1	1484385	1490700	1491507	1488864	0.26	cps
Barium	137-1	2641390	2634167	2614618	2630058	0.53	cps
Beryllium	9-1	1790	1853	1853	1832	2.00	cps
Bismuth	209-1	10613933	10623090	10667461	10634828	0.27	cps
Bismuth	209-2	9372538	9337366	9360904	9356936	0.19	cps
Bromine	81-1	16723	16893	16780	16799	0.52	cps
Bromine	81-2	763	717	633	704	9.35	cps
Cadmium	108-1	453	387	480	440	10.93	cps
Cadmium	106-1	5938	5765	6048	5917	2.42	cps
Cadmium	111-1	5583	5558	5708	5616	1.43	cps
Calcium	43-1	2441152	2480569	2443003	2454908	0.91	cps
Calcium	44-1	39491879	40076195	39857934	39808670	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	211775	210303	212818	211632	0.60	cps
Cobalt	59-2	334661	333362	334206	334076	0.20	cps
Copper	63-2	444069	448026	446952	446349	0.46	cps
Dysprosium	156-1	112036	113856	113790	113227	0.91	cps
Dysprosium	156-2	100872	103262	101315	101816	1.25	cps
Erbium	164-1	97873	101727	102052	100551	2.31	cps
Erbium	164-2	74517	74326	75053	74632	0.50	cps
Gadolinium	160-1	108956	109759	110666	109794	0.78	cps
Gadolinium	160-2	86062	85291	84945	85433	0.67	cps
Holmium	165-1	18211474	18343238	18215611	18256775	0.41	cps
Holmium	165-2	13553811	13360627	13530936	13481792	0.78	cps
Indium	115-1	14950373	14988018	14806795	14915062	0.64	cps
Indium	115-2	5519246	5550712	5526964	5532307	0.30	cps
Iron	56-2	375177168	378228448	374393021	375932879	0.54	cps
Iron	57-2	9357297	9458318	9412101	9409239	0.54	cps
Iron	54-2	20372200	20539360	20409821	20440460	0.43	cps
Krypton	83-1	480	443	433	452	5.43	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ86	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:48:34	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	313371	311874	310026	311757	0.54	cps
Lead	207-1	261738	265985	264990	264238	0.84	cps
Lead	208-1	951740	963129	961323	958730	0.64	cps
Lithium	6-1	1790909	1816569	1807784	1805088	0.72	cps
Magnesium	24-2	9798112	9824112	9799179	9807135	0.15	cps
Manganese	55-2	9040595	9116943	9038599	9065379	0.49	cps
Molybdenum	94-1	142741	144995	146123	144620	1.19	cps
Molybdenum	95-1	4061	4351	4381	4264	4.15	cps
Molybdenum	96-1	32025	32165	32299	32163	0.43	cps
Molybdenum	97-1	2500	2654	2650	2601	3.37	cps
Molybdenum	98-1	6438	6441	6231	6370	1.89	cps
Neodymium	150-1	189907	193016	190914	191279	0.83	cps
Neodymium	150-2	119713	122860	122077	121550	1.35	cps
Nickel	60-2	89763	91208	89750	90240	0.93	cps
Phosphorus	31-2	33867	34562	34509	34313	1.13	cps
Potassium	39-2	3650142	3612998	3597571	3620237	0.75	cps
Rhodium	103-1	13753736	13836355	13774053	13788048	0.31	cps
Rhodium	103-2	8388282	8536660	8429706	8451549	0.91	cps
Scandium	45-1	8441599	8480348	8438180	8453375	0.28	cps
Scandium	45-2	714584	714314	718638	715845	0.34	cps
Selenium	82-1	829	810	871	837	3.71	cps
Selenium	77-2	337	337	357	343	3.36	cps
Selenium	78-2	760	803	680	748	8.37	cps
Silicon	28-1	6557944	6481645	6731340	6590310	1.94	cps
Silver	107-1	2047	1900	1867	1938	4.94	cps
Silver	109-1	1513	1677	1463	1551	7.19	cps
Sodium	23-2	117897	119375	119939	119070	0.89	cps
Strontium	86-1	722143	730617	734046	728936	0.84	cps
Strontium	88-1	6445945	6534986	6446918	6475950	0.79	cps
Sulfur	34-1	230540	236749	237591	234960	1.64	cps
Terbium	159-1	18780342	18557271	18557027	18631547	0.69	cps
Terbium	159-2	13395456	13205845	13332477	13311259	0.73	cps
Thallium	203-1	3944	3751	3947	3881	2.90	cps
Thallium	205-1	9353	9744	9153	9417	3.19	cps
Tin	118-1	6978	7048	6805	6944	1.80	cps
Titanium	47-1	800042	808579	808240	805620	0.60	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ86	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:48:34	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29840	29028	29302	29390	1.41	cps
Vanadium	51-2	575830	581447	581263	579513	0.55	cps
Yttrium	89-1	19285331	19038600	19150790	19158240	0.64	cps
Yttrium	89-2	5262660	5276876	5264177	5267904	0.15	cps
Zinc	66-2	211726	213024	214021	212924	0.54	cps
Zirconium	90-1	384661	385718	386770	385716	0.27	cps
Zirconium	91-1	84541	86211	86503	85752	1.23	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ87	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:51:42	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11984943	11904434	11821350	11903575	0.69	cps
Antimony	121-1	2424	2297	2374	2365	2.70	cps
Arsenic	75-2	87989	88361	88183	88177	0.21	cps
Barium	135-1	1308691	1311592	1309500	1309928	0.11	cps
Barium	137-1	2279228	2315116	2292554	2295632	0.79	cps
Beryllium	9-1	2053	1923	2127	2035	5.06	cps
Bismuth	209-1	10924843	10814269	10804862	10847991	0.62	cps
Bismuth	209-2	9379864	9483570	9358740	9407392	0.71	cps
Bromine	81-1	17367	17190	17197	17251	0.58	cps
Bromine	81-2	787	830	827	814	2.96	cps
Cadmium	108-1	753	680	710	714	5.16	cps
Cadmium	106-1	6105	6011	6025	6047	0.84	cps
Cadmium	111-1	9040	9100	8878	9006	1.27	cps
Calcium	43-1	801502	803058	807354	803971	0.38	cps
Calcium	44-1	12700910	12693508	12482986	12625801	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248286	249627	250166	249360	0.39	cps
Cobalt	59-2	361907	362323	361176	361802	0.16	cps
Copper	63-2	644749	639945	644145	642946	0.41	cps
Dysprosium	156-1	117019	116421	117301	116914	0.38	cps
Dysprosium	156-2	102732	104431	104102	103755	0.87	cps
Erbium	164-1	104097	104701	106398	105065	1.14	cps
Erbium	164-2	77667	78626	77821	78038	0.66	cps
Gadolinium	160-1	114117	113199	113031	113449	0.52	cps
Gadolinium	160-2	88122	86179	87770	87357	1.18	cps
Holmium	165-1	18329208	18250782	18341846	18307279	0.27	cps
Holmium	165-2	13353917	13644418	13544395	13514243	1.09	cps
Indium	115-1	14963490	15019450	14916694	14966545	0.34	cps
Indium	115-2	5549915	5584371	5479991	5538092	0.96	cps
Iron	56-2	453808553	456135233	455062367	455002051	0.26	cps
Iron	57-2	11265246	11299594	11244299	11269713	0.25	cps
Iron	54-2	24663192	24365550	24569647	24532797	0.62	cps
Krypton	83-1	477	350	557	461	22.60	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ87	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:51:42	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1271610	1275848	1269389	1272282	0.26	cps
Lead	207-1	1145623	1162879	1161196	1156566	0.82	cps
Lead	208-1	4223695	4239923	4228112	4230576	0.20	cps
Lithium	6-1	1803038	1864215	1822912	1830055	1.71	cps
Magnesium	24-2	8625199	8661505	8632069	8639591	0.22	cps
Manganese	55-2	8876632	8882714	8965780	8908375	0.56	cps
Molybdenum	94-1	141327	141849	141529	141568	0.19	cps
Molybdenum	95-1	5258	5161	5148	5189	1.16	cps
Molybdenum	96-1	33759	33104	33462	33442	0.98	cps
Molybdenum	97-1	3184	3300	3184	3223	2.09	cps
Molybdenum	98-1	8229	8192	7809	8077	2.88	cps
Neodymium	150-1	192038	193803	191965	192602	0.54	cps
Neodymium	150-2	122285	121447	120375	121369	0.79	cps
Nickel	60-2	95743	96344	95572	95886	0.42	cps
Phosphorus	31-2	37954	39170	39391	38838	1.99	cps
Potassium	39-2	5545242	5519261	5561884	5542129	0.39	cps
Rhodium	103-1	13973890	13870498	13757701	13867363	0.78	cps
Rhodium	103-2	8409862	8470884	8492394	8457713	0.51	cps
Scandium	45-1	8602998	8470734	8523091	8532274	0.78	cps
Scandium	45-2	708438	719128	720000	715856	0.90	cps
Selenium	82-1	884	1041	826	917	12.14	cps
Selenium	77-2	353	273	357	328	14.39	cps
Selenium	78-2	780	797	880	819	6.54	cps
Silicon	28-1	5159937	5070013	5102036	5110662	0.89	cps
Silver	107-1	9153	9740	9597	9497	3.22	cps
Silver	109-1	8766	8796	8893	8818	0.75	cps
Sodium	23-2	138089	137255	138856	138066	0.58	cps
Strontium	86-1	387130	388943	389214	388429	0.29	cps
Strontium	88-1	3479856	3440519	3450668	3457014	0.59	cps
Sulfur	34-1	241712	235223	233040	236658	1.91	cps
Terbium	159-1	18665483	18495307	18421946	18527578	0.67	cps
Terbium	159-2	13302321	13294717	13225054	13274031	0.32	cps
Thallium	203-1	4624	4764	4838	4742	2.29	cps
Thallium	205-1	10678	10988	10918	10861	1.50	cps
Tin	118-1	15502	15475	15272	15416	0.82	cps
Titanium	47-1	1194399	1190003	1181227	1188543	0.56	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ87	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 20:51:42	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37362	36366	37753	37161	1.92	cps
Vanadium	51-2	697867	694513	691072	694484	0.49	cps
Yttrium	89-1	19396543	19234175	19353946	19328221	0.44	cps
Yttrium	89-2	5263557	5304394	5226226	5264725	0.74	cps
Zinc	66-2	522596	521443	521675	521905	0.12	cps
Zirconium	90-1	372723	374646	377310	374893	0.61	cps
Zirconium	91-1	83399	82815	83519	83244	0.45	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ89	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:01:18	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12247361	12037345	12070641	12118449	0.93	cps
Antimony	121-1	4047	3757	3614	3806	5.80	cps
Arsenic	75-2	204613	203417	202444	203492	0.53	cps
Barium	135-1	1420920	1439370	1406763	1422351	1.15	cps
Barium	137-1	2521087	2536857	2505782	2521242	0.62	cps
Beryllium	9-1	2457	2377	2420	2418	1.66	cps
Bismuth	209-1	12397417	11776012	11501772	11891734	3.86	cps
Bismuth	209-2	10010197	9965264	9922329	9965930	0.44	cps
Bromine	81-1	16476	16416	16486	16459	0.23	cps
Bromine	81-2	807	733	757	766	4.89	cps
Cadmium	108-1	853	913	923	897	4.22	cps
Cadmium	106-1	6695	6602	6285	6527	3.29	cps
Cadmium	111-1	12452	12971	12316	12579	2.75	cps
Calcium	43-1	481572	478150	465786	475169	1.75	cps
Calcium	44-1	7641665	7439207	7334574	7471815	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	294472	293354	289688	292505	0.86	cps
Cobalt	59-2	336707	336328	332963	335333	0.61	cps
Copper	63-2	1051778	1048782	1041318	1047293	0.51	cps
Dysprosium	156-1	134177	135799	133821	134599	0.78	cps
Dysprosium	156-2	121137	118961	120071	120056	0.91	cps
Erbium	164-1	119116	120860	118645	119540	0.98	cps
Erbium	164-2	87062	86891	85741	86565	0.83	cps
Gadolinium	160-1	130464	132785	131547	131599	0.88	cps
Gadolinium	160-2	99688	100064	99191	99648	0.44	cps
Holmium	165-1	20861498	19723437	19127356	19904097	4.43	cps
Holmium	165-2	14074689	14208855	14192174	14158573	0.52	cps
Indium	115-1	17371180	16135671	15846285	16451045	4.92	cps
Indium	115-2	5769527	5880991	5809852	5820123	0.97	cps
Iron	56-2	518126046	518382952	511238406	515915801	0.79	cps
Iron	57-2	12898761	12793846	12751999	12814869	0.59	cps
Iron	54-2	27855993	27716198	27853784	27808658	0.29	cps
Krypton	83-1	450	430	480	453	5.55	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ89	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:01:18	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2676873	2704394	2683610	2688293	0.53	cps
Lead	207-1	2528278	2516650	2502773	2515900	0.51	cps
Lead	208-1	8889052	8932101	8904395	8908516	0.24	cps
Lithium	6-1	2069613	1947409	1900449	1972490	4.43	cps
Magnesium	24-2	6970114	6959274	6896266	6941885	0.57	cps
Manganese	55-2	6643270	6621122	6592629	6619007	0.38	cps
Molybdenum	94-1	146118	147615	145047	146260	0.88	cps
Molybdenum	95-1	6562	6982	6855	6799	3.17	cps
Molybdenum	96-1	37391	37050	35864	36768	2.18	cps
Molybdenum	97-1	4311	4374	4151	4278	2.69	cps
Molybdenum	98-1	11161	11465	10444	11023	4.76	cps
Neodymium	150-1	231139	232683	230968	231597	0.41	cps
Neodymium	150-2	143580	140354	141193	141709	1.18	cps
Nickel	60-2	93365	92104	93176	92882	0.73	cps
Phosphorus	31-2	35240	34880	35267	35129	0.62	cps
Potassium	39-2	5527143	5461669	5475368	5488060	0.63	cps
Rhodium	103-1	16246021	14914250	14881721	15347331	5.07	cps
Rhodium	103-2	8900403	8914825	8849698	8888308	0.38	cps
Scandium	45-1	10071091	9218577	9076265	9455311	5.69	cps
Scandium	45-2	751055	745249	744552	746952	0.48	cps
Selenium	82-1	1519	1456	1338	1438	6.41	cps
Selenium	77-2	390	440	443	424	7.04	cps
Selenium	78-2	867	890	920	892	3.00	cps
Silicon	28-1	8865607	8739006	9159137	8921250	2.42	cps
Silver	107-1	21599	21125	20942	21222	1.60	cps
Silver	109-1	19867	19500	19310	19559	1.45	cps
Sodium	23-2	127740	127569	127996	127769	0.17	cps
Strontium	86-1	347264	345291	339945	344167	1.10	cps
Strontium	88-1	3056103	3129796	3029414	3071771	1.69	cps
Sulfur	34-1	241394	228742	224704	231613	3.76	cps
Terbium	159-1	21584856	20256496	19773383	20538245	4.57	cps
Terbium	159-2	13915747	13714270	13837240	13822419	0.73	cps
Thallium	203-1	5805	5701	5821	5776	1.13	cps
Thallium	205-1	13710	13767	14017	13832	1.18	cps
Tin	118-1	26534	26902	26137	26524	1.44	cps
Titanium	47-1	1431258	1380315	1341073	1384215	3.27	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-01	Instrumnet Name :	P7
Client Sample ID :	MYCZ89	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:01:18	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50693	52764	52202	51886	2.06	cps
Vanadium	51-2	805165	803425	798223	802271	0.45	cps
Yttrium	89-1	22408729	21018413	20437898	21288347	4.76	cps
Yttrium	89-2	5534822	5515341	5588684	5546283	0.68	cps
Zinc	66-2	875342	865156	864281	868259	0.71	cps
Zirconium	90-1	387370	376945	383757	382691	1.38	cps
Zirconium	91-1	87542	86919	85668	86710	1.10	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ90	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:04:22	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12706016	12566118	12591461	12621198	0.59	cps
Antimony	121-1	10724	10571	10334	10543	1.87	cps
Arsenic	75-2	356353	351207	353929	353830	0.73	cps
Barium	135-1	1845749	1863559	1839054	1849454	0.68	cps
Barium	137-1	3261962	3274915	3184706	3240527	1.51	cps
Beryllium	9-1	2487	2554	2560	2534	1.60	cps
Bismuth	209-1	11829624	11668539	11586019	11694728	1.06	cps
Bismuth	209-2	10147889	10006451	9919686	10024676	1.15	cps
Bromine	81-1	17077	16783	17010	16957	0.91	cps
Bromine	81-2	813	820	900	844	5.71	cps
Cadmium	108-1	1533	1660	1657	1617	4.47	cps
Cadmium	106-1	7202	7068	7058	7110	1.13	cps
Cadmium	111-1	22493	22047	21659	22067	1.89	cps
Calcium	43-1	492841	490810	488095	490582	0.49	cps
Calcium	44-1	7751741	7681027	7639530	7690766	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	311658	307014	308024	308899	0.79	cps
Cobalt	59-2	357640	356356	358103	357367	0.25	cps
Copper	63-2	1405345	1397611	1396221	1399726	0.35	cps
Dysprosium	156-1	136391	133756	133547	134565	1.18	cps
Dysprosium	156-2	120336	121668	120626	120877	0.58	cps
Erbium	164-1	119001	119468	118436	118969	0.43	cps
Erbium	164-2	87552	87854	87961	87789	0.24	cps
Gadolinium	160-1	132042	130709	128418	130390	1.41	cps
Gadolinium	160-2	101105	99819	99873	100265	0.73	cps
Holmium	165-1	19604179	19018640	18955656	19192825	1.86	cps
Holmium	165-2	14310479	13969538	14068970	14116329	1.24	cps
Indium	115-1	16020128	15714571	15339258	15691319	2.17	cps
Indium	115-2	5756009	5726652	5786245	5756302	0.52	cps
Iron	56-2	570897658	566830392	563587298	567105116	0.65	cps
Iron	57-2	14256342	13995296	13963524	14071720	1.14	cps
Iron	54-2	30882038	30970032	30713907	30855326	0.42	cps
Krypton	83-1	377	417	440	411	7.79	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ90	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:04:22	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6374299	6327926	6287401	6329875	0.69	cps
Lead	207-1	5816635	5931398	5885728	5877920	0.98	cps
Lead	208-1	20697712	21136755	20967798	20934089	1.06	cps
Lithium	6-1	1906824	1905388	1877768	1896660	0.86	cps
Magnesium	24-2	7469761	7482449	7459962	7470724	0.15	cps
Manganese	55-2	7165804	7077044	7075790	7106213	0.73	cps
Molybdenum	94-1	150237	146891	146625	147918	1.36	cps
Molybdenum	95-1	11221	11455	11201	11292	1.25	cps
Molybdenum	96-1	41047	41916	41034	41333	1.22	cps
Molybdenum	97-1	7165	7118	7222	7169	0.72	cps
Molybdenum	98-1	18098	18021	17768	17962	0.96	cps
Neodymium	150-1	233435	231253	230237	231641	0.71	cps
Neodymium	150-2	144343	144515	142209	143689	0.89	cps
Nickel	60-2	99557	97936	98333	98609	0.86	cps
Phosphorus	31-2	53794	53831	54042	53889	0.25	cps
Potassium	39-2	6708576	6695983	6717389	6707316	0.16	cps
Rhodium	103-1	14945392	14508995	14367565	14607318	2.06	cps
Rhodium	103-2	8721725	8753586	8768464	8747925	0.27	cps
Scandium	45-1	9089424	8790856	8670209	8850163	2.44	cps
Scandium	45-2	741575	733336	738733	737881	0.57	cps
Selenium	82-1	1943	1986	1743	1891	6.86	cps
Selenium	77-2	370	457	497	441	14.68	cps
Selenium	78-2	1057	1037	1030	1041	1.33	cps
Silicon	28-1	11397767	12065793	11267740	11577100	3.70	cps
Silver	107-1	39965	40352	39948	40089	0.57	cps
Silver	109-1	38217	38063	38448	38242	0.51	cps
Sodium	23-2	147983	147925	148551	148153	0.23	cps
Strontium	86-1	376959	375327	373741	375343	0.43	cps
Strontium	88-1	3403866	3338124	3322238	3354743	1.29	cps
Sulfur	34-1	301742	301951	299282	300992	0.49	cps
Terbium	159-1	20386526	19610868	19530427	19842607	2.38	cps
Terbium	159-2	13862308	13867396	13665036	13798247	0.84	cps
Thallium	203-1	6822	6422	6712	6652	3.11	cps
Thallium	205-1	15833	16103	16060	15998	0.91	cps
Tin	118-1	33679	33770	34017	33822	0.52	cps
Titanium	47-1	1415661	1421017	1419265	1418648	0.19	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ90	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:04:22	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63440	62646	63260	63115	0.66	cps
Vanadium	51-2	796432	793441	795765	795213	0.20	cps
Yttrium	89-1	20933610	19935944	19772353	20213969	3.11	cps
Yttrium	89-2	5503881	5513727	5462197	5493268	0.50	cps
Zinc	66-2	1623097	1636455	1626123	1628558	0.43	cps
Zirconium	90-1	382951	382636	378041	381210	0.72	cps
Zirconium	91-1	86070	85333	84354	85252	1.01	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ91	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:07:23	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12918361	12949778	13021082	12963074	0.41	cps
Antimony	121-1	5678	5808	5758	5748	1.14	cps
Arsenic	75-2	226062	228709	226772	227181	0.60	cps
Barium	135-1	1720299	1722871	1702008	1715059	0.66	cps
Barium	137-1	2966922	2989972	2977498	2978131	0.39	cps
Beryllium	9-1	2780	2824	2704	2769	2.19	cps
Bismuth	209-1	12138099	11503146	11411906	11684384	3.39	cps
Bismuth	209-2	9868301	9940519	9904389	9904403	0.36	cps
Bromine	81-1	17173	17197	17210	17193	0.11	cps
Bromine	81-2	880	767	740	796	9.34	cps
Cadmium	108-1	943	943	1050	979	6.29	cps
Cadmium	106-1	6898	6138	6275	6437	6.30	cps
Cadmium	111-1	13605	13376	12954	13312	2.48	cps
Calcium	43-1	503066	499497	496545	499703	0.65	cps
Calcium	44-1	7720754	7789294	7676137	7728728	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	296627	294617	295027	295424	0.36	cps
Cobalt	59-2	354377	355034	357090	355501	0.40	cps
Copper	63-2	946056	947167	942610	945278	0.25	cps
Dysprosium	156-1	139915	138532	137720	138722	0.80	cps
Dysprosium	156-2	123840	123870	123248	123653	0.28	cps
Erbium	164-1	123123	123527	123335	123328	0.16	cps
Erbium	164-2	92550	90507	90910	91322	1.19	cps
Gadolinium	160-1	134852	137140	135302	135765	0.89	cps
Gadolinium	160-2	104482	103378	103311	103724	0.63	cps
Holmium	165-1	19894185	19117272	18978226	19329894	2.55	cps
Holmium	165-2	14207845	13927009	14097451	14077435	1.01	cps
Indium	115-1	16291276	15525014	15513793	15776694	2.82	cps
Indium	115-2	5782542	5730551	5820951	5778015	0.79	cps
Iron	56-2	543747299	551065538	548120952	547644596	0.67	cps
Iron	57-2	13604094	13692127	13539937	13612053	0.56	cps
Iron	54-2	29751625	29538399	29568886	29619637	0.39	cps
Krypton	83-1	403	460	443	436	6.69	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ91	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:07:23	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2513128	2521908	2522352	2519129	0.21	cps
Lead	207-1	2363745	2354560	2361890	2360065	0.21	cps
Lead	208-1	8275870	8312475	8291359	8293235	0.22	cps
Lithium	6-1	1957416	1883028	1859479	1899974	2.69	cps
Magnesium	24-2	7249568	7236724	7226978	7237757	0.16	cps
Manganese	55-2	6655296	6589147	6590277	6611573	0.57	cps
Molybdenum	94-1	155031	159444	156408	156961	1.44	cps
Molybdenum	95-1	7085	6852	7108	7015	2.02	cps
Molybdenum	96-1	38758	39443	38297	38833	1.49	cps
Molybdenum	97-1	4577	4394	4557	4510	2.23	cps
Molybdenum	98-1	11371	11838	11525	11578	2.06	cps
Neodymium	150-1	233328	238835	237897	236687	1.24	cps
Neodymium	150-2	148341	148314	149476	148710	0.45	cps
Nickel	60-2	94364	95431	93895	94563	0.83	cps
Phosphorus	31-2	32471	31830	32598	32300	1.28	cps
Potassium	39-2	4777465	4825258	4851523	4818082	0.78	cps
Rhodium	103-1	15269799	14512838	14405375	14729337	3.20	cps
Rhodium	103-2	8802537	8786273	8871366	8820059	0.51	cps
Scandium	45-1	9168828	8836149	8591759	8865579	3.27	cps
Scandium	45-2	739836	734752	742978	739189	0.56	cps
Selenium	82-1	1627	1477	1462	1522	5.99	cps
Selenium	77-2	387	457	513	452	14.03	cps
Selenium	78-2	1003	1003	980	996	1.35	cps
Silicon	28-1	11461720	11582975	11480625	11508440	0.57	cps
Silver	107-1	23022	23269	22628	22973	1.41	cps
Silver	109-1	21276	21807	22064	21715	1.85	cps
Sodium	23-2	129764	128333	128198	128765	0.67	cps
Strontium	86-1	347190	353299	348174	349554	0.94	cps
Strontium	88-1	3126189	3109481	3110437	3115369	0.30	cps
Sulfur	34-1	298481	298080	295266	297276	0.59	cps
Terbium	159-1	20476600	19630771	19391383	19832918	2.87	cps
Terbium	159-2	14003492	13851999	13765419	13873636	0.87	cps
Thallium	203-1	5911	6348	6462	6240	4.66	cps
Thallium	205-1	14898	14815	14895	14869	0.32	cps
Tin	118-1	15095	15221	15322	15213	0.75	cps
Titanium	47-1	1382812	1395960	1396049	1391607	0.55	cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ91	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:07:23	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54655	55241	55529	55141	0.81	cps
Vanadium	51-2	888668	884949	892419	888679	0.42	cps
Yttrium	89-1	21188834	20305868	20177148	20557284	2.68	cps
Yttrium	89-2	5458578	5526802	5529965	5505115	0.73	cps
Zinc	66-2	956963	958256	956101	957107	0.11	cps
Zirconium	90-1	411352	413466	413162	412660	0.28	cps
Zirconium	91-1	92456	92559	91999	92338	0.32	cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ92	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:10:27	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11023962	10946135	10705613	10891903	1.52	cps
Antimony	121-1	11158	11034	10838	11010	1.47	cps
Arsenic	75-2	309835	311089	307399	309441	0.61	cps
Barium	135-1	1700085	1693500	1660283	1684623	1.27	cps
Barium	137-1	2901329	2939745	2827390	2889488	1.98	cps
Beryllium	9-1	2237	2270	2217	2241	1.20	cps
Bismuth	209-1	12106444	11614095	11516341	11745626	2.69	cps
Bismuth	209-2	10164747	10091281	9960020	10072016	1.03	cps
Bromine	81-1	17384	17220	17307	17304	0.47	cps
Bromine	81-2	880	787	863	843	5.90	cps
Cadmium	108-1	1500	1457	1453	1470	1.77	cps
Cadmium	106-1	7475	6925	7068	7156	3.99	cps
Cadmium	111-1	19915	19186	19783	19628	1.98	cps
Calcium	43-1	445746	441016	438279	441680	0.86	cps
Calcium	44-1	7032940	7000980	6804520	6946147	1.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258156	254913	254084	255718	0.84	cps
Cobalt	59-2	335352	332806	336136	334765	0.52	cps
Copper	63-2	1209697	1205515	1200641	1205284	0.38	cps
Dysprosium	156-1	120118	119997	118236	119450	0.88	cps
Dysprosium	156-2	105478	106883	105613	105991	0.73	cps
Erbium	164-1	104793	104671	104345	104603	0.22	cps
Erbium	164-2	77483	76836	75720	76680	1.16	cps
Gadolinium	160-1	116001	114593	113007	114534	1.31	cps
Gadolinium	160-2	87940	87826	87474	87747	0.28	cps
Holmium	165-1	19698751	19322142	18879194	19300029	2.13	cps
Holmium	165-2	14246981	14211771	14016852	14158535	0.88	cps
Indium	115-1	16055040	15594954	15494470	15714821	1.90	cps
Indium	115-2	5765405	5762887	5615364	5714552	1.50	cps
Iron	56-2	514927579	512859179	505859846	511215535	0.93	cps
Iron	57-2	12751019	12797250	12501442	12683237	1.25	cps
Iron	54-2	27809349	27561390	27502350	27624363	0.59	cps
Krypton	83-1	377	387	390	384	1.80	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ92	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:10:27	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5538906	5462390	5441062	5480786	0.94	cps
Lead	207-1	5142207	5076074	5012900	5077060	1.27	cps
Lead	208-1	18286564	17991161	17777332	18018352	1.42	cps
Lithium	6-1	1913445	1865168	1914838	1897817	1.49	cps
Magnesium	24-2	6740734	6785980	6676502	6734405	0.82	cps
Manganese	55-2	7183324	7092799	7032532	7102885	1.07	cps
Molybdenum	94-1	147191	146602	144969	146254	0.79	cps
Molybdenum	95-1	10771	10621	10491	10627	1.32	cps
Molybdenum	96-1	40546	39938	40673	40386	0.97	cps
Molybdenum	97-1	6665	6508	6828	6667	2.40	cps
Molybdenum	98-1	17504	17210	16443	17052	3.21	cps
Neodymium	150-1	205817	205499	201005	204107	1.32	cps
Neodymium	150-2	125089	125667	125509	125422	0.24	cps
Nickel	60-2	86839	86149	85475	86154	0.79	cps
Phosphorus	31-2	46724	45454	45654	45944	1.49	cps
Potassium	39-2	5988430	5991467	5988565	5989487	0.03	cps
Rhodium	103-1	14968587	14770188	14280296	14673024	2.41	cps
Rhodium	103-2	8772553	8768166	8729567	8756762	0.27	cps
Scandium	45-1	9050703	8757222	8666636	8824854	2.28	cps
Scandium	45-2	730198	729967	719754	726640	0.82	cps
Selenium	82-1	1774	1792	1613	1726	5.69	cps
Selenium	77-2	480	467	390	446	10.90	cps
Selenium	78-2	947	970	1003	973	2.93	cps
Silicon	28-1	11254807	11277579	11159084	11230490	0.56	cps
Silver	107-1	36589	36412	36175	36392	0.57	cps
Silver	109-1	34732	34367	34628	34576	0.54	cps
Sodium	23-2	132863	133119	130900	132294	0.92	cps
Strontium	86-1	332195	334412	326240	330949	1.28	cps
Strontium	88-1	2998397	2951612	2875990	2941999	2.10	cps
Sulfur	34-1	285559	282535	281377	283157	0.76	cps
Terbium	159-1	20363825	19739434	19261691	19788317	2.79	cps
Terbium	159-2	13823834	13889140	13848019	13853664	0.24	cps
Thallium	203-1	6258	6365	6008	6210	2.95	cps
Thallium	205-1	14418	15025	15192	14878	2.74	cps
Tin	118-1	32052	32674	31631	32119	1.63	cps
Titanium	47-1	1268566	1226546	1211698	1235603	2.39	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ92	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:10:27	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55840	55696	55321	55619	0.48	cps
Vanadium	51-2	721990	720708	715128	719275	0.51	cps
Yttrium	89-1	20506334	20018807	19552831	20025991	2.38	cps
Yttrium	89-2	5442683	5435983	5384551	5421072	0.59	cps
Zinc	66-2	1377944	1378018	1362723	1372895	0.64	cps
Zirconium	90-1	377946	376930	371705	375527	0.89	cps
Zirconium	91-1	84146	84421	83774	84113	0.39	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ93	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:13:29	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11373604	11312799	11230519	11305641	0.64	cps
Antimony	121-1	6158	6311	6295	6255	1.35	cps
Arsenic	75-2	204985	202457	201644	203029	0.86	cps
Barium	135-1	1291878	1322028	1299592	1304499	1.20	cps
Barium	137-1	2224205	2293876	2300906	2272995	1.87	cps
Beryllium	9-1	2117	2417	2370	2301	7.02	cps
Bismuth	209-1	12644101	11852891	11551555	12016182	4.70	cps
Bismuth	209-2	10277340	9984973	10034214	10098842	1.55	cps
Bromine	81-1	16766	17227	16956	16983	1.36	cps
Bromine	81-2	723	823	617	721	14.33	cps
Cadmium	108-1	1067	1033	923	1008	7.44	cps
Cadmium	106-1	7002	6525	6468	6665	4.40	cps
Cadmium	111-1	14051	13914	14365	14110	1.64	cps
Calcium	43-1	496863	508483	506587	503978	1.24	cps
Calcium	44-1	7850066	8002558	7912405	7921676	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	282809	280946	276685	280147	1.12	cps
Cobalt	59-2	385932	384076	384428	384812	0.26	cps
Copper	63-2	854098	853917	850606	852873	0.23	cps
Dysprosium	156-1	115641	118682	117221	117182	1.30	cps
Dysprosium	156-2	105526	105687	105069	105427	0.30	cps
Erbium	164-1	102875	103919	103641	103478	0.52	cps
Erbium	164-2	77161	77151	76494	76936	0.50	cps
Gadolinium	160-1	112312	115965	114059	114112	1.60	cps
Gadolinium	160-2	88648	87477	87125	87750	0.91	cps
Holmium	165-1	20859706	19359830	18967361	19728966	5.06	cps
Holmium	165-2	14481990	14139103	14102216	14241103	1.47	cps
Indium	115-1	16984969	15789499	15568926	16114465	4.73	cps
Indium	115-2	5883226	5771557	5752223	5802335	1.22	cps
Iron	56-2	516103579	509088099	515972179	513721286	0.78	cps
Iron	57-2	12897688	12664871	12663216	12741925	1.06	cps
Iron	54-2	27816482	27328542	27679795	27608273	0.91	cps
Krypton	83-1	420	367	413	400	7.26	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ93	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:13:29	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2773464	2803062	2791481	2789336	0.53	cps
Lead	207-1	2603342	2616319	2639262	2619641	0.69	cps
Lead	208-1	9119024	9230585	9261363	9203657	0.81	cps
Lithium	6-1	2050092	1901617	1806230	1919313	6.40	cps
Magnesium	24-2	7175550	7138398	7088923	7134290	0.61	cps
Manganese	55-2	6808642	6658422	6678078	6715047	1.22	cps
Molybdenum	94-1	148737	151939	149951	150209	1.08	cps
Molybdenum	95-1	7028	7645	7589	7421	4.60	cps
Molybdenum	96-1	36592	37334	37214	37047	1.07	cps
Molybdenum	97-1	4687	4447	4631	4589	2.73	cps
Molybdenum	98-1	11251	11558	11488	11432	1.41	cps
Neodymium	150-1	199389	204761	201167	201772	1.36	cps
Neodymium	150-2	128338	125250	126249	126613	1.24	cps
Nickel	60-2	95978	97105	96484	96522	0.58	cps
Phosphorus	31-2	38846	37777	37633	38085	1.74	cps
Potassium	39-2	5553287	5551154	5425726	5510056	1.33	cps
Rhodium	103-1	15909244	14840736	14548050	15099344	4.75	cps
Rhodium	103-2	8900736	8940125	8872594	8904485	0.38	cps
Scandium	45-1	9474164	8851537	8711018	9012240	4.51	cps
Scandium	45-2	749287	737885	731096	739423	1.24	cps
Selenium	82-1	1422	1351	1256	1343	6.20	cps
Selenium	77-2	357	307	367	343	9.36	cps
Selenium	78-2	770	920	963	884	11.47	cps
Silicon	28-1	10909709	11399753	11026524	11111995	2.30	cps
Silver	107-1	18502	18589	18495	18529	0.28	cps
Silver	109-1	16673	17814	17571	17353	3.46	cps
Sodium	23-2	133445	133307	131495	132749	0.82	cps
Strontium	86-1	310220	315913	313910	313348	0.92	cps
Strontium	88-1	2783694	2790437	2777923	2784018	0.22	cps
Sulfur	34-1	255410	257958	257464	256944	0.53	cps
Terbium	159-1	21593118	20181181	19650637	20474979	4.90	cps
Terbium	159-2	14174926	13908875	13909006	13997602	1.10	cps
Thallium	203-1	5841	5798	5741	5794	0.87	cps
Thallium	205-1	13550	14007	14231	13929	2.49	cps
Tin	118-1	16873	17167	17104	17048	0.91	cps
Titanium	47-1	1457625	1488060	1488469	1478052	1.20	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ93	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:13:29	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	49726	50833	51031	50530	1.39	cps
Vanadium	51-2	783344	775299	774770	777804	0.62	cps
Yttrium	89-1	21713237	20023681	19795584	20510834	5.11	cps
Yttrium	89-2	5479885	5439260	5452726	5457290	0.38	cps
Zinc	66-2	979498	968658	972108	973421	0.57	cps
Zirconium	90-1	390681	396523	393770	393658	0.74	cps
Zirconium	91-1	87150	88555	89185	88297	1.18	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ94	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:16:34	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12900549	12681558	12618030	12733379	1.16	cps
Antimony	121-1	13937	13700	13893	13843	0.91	cps
Arsenic	75-2	438470	438875	437344	438229	0.18	cps
Barium	135-1	1478144	1469489	1451646	1466426	0.92	cps
Barium	137-1	2596267	2557169	2578671	2577369	0.76	cps
Beryllium	9-1	2430	2374	2324	2376	2.25	cps
Bismuth	209-1	11628059	11565519	11508245	11567275	0.52	cps
Bismuth	209-2	9850777	9874982	9707757	9811172	0.92	cps
Bromine	81-1	18181	18038	17864	18028	0.88	cps
Bromine	81-2	877	970	987	944	6.28	cps
Cadmium	108-1	1747	1737	1720	1735	0.78	cps
Cadmium	106-1	7916	7595	7192	7568	4.79	cps
Cadmium	111-1	23234	22640	21965	22613	2.81	cps
Calcium	43-1	551195	540892	539299	543796	1.19	cps
Calcium	44-1	8702664	8500584	8474108	8559119	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	321044	321919	319512	320825	0.38	cps
Cobalt	59-2	355652	352472	353839	353988	0.45	cps
Copper	63-2	1248732	1247325	1241046	1245701	0.33	cps
Dysprosium	156-1	133298	132867	130889	132352	0.97	cps
Dysprosium	156-2	118323	118145	119056	118508	0.41	cps
Erbium	164-1	117088	116164	115401	116218	0.73	cps
Erbium	164-2	86962	84973	84621	85518	1.48	cps
Gadolinium	160-1	127766	128402	126831	127666	0.62	cps
Gadolinium	160-2	96341	96604	96120	96355	0.25	cps
Holmium	165-1	19467402	19399271	19028591	19298422	1.22	cps
Holmium	165-2	14130449	14149149	13789774	14023124	1.44	cps
Indium	115-1	15852454	15601363	15273070	15575629	1.87	cps
Indium	115-2	5689766	5737691	5618540	5681999	1.06	cps
Iron	56-2	597490924	597645871	593041698	596059498	0.44	cps
Iron	57-2	15014961	14847605	14612903	14825156	1.36	cps
Iron	54-2	32052330	32513774	32386439	32317514	0.74	cps
Krypton	83-1	450	417	507	458	9.94	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ94	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:16:34	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5604163	5559607	5528378	5564050	0.68	cps
Lead	207-1	5338991	5289270	5209180	5279147	1.24	cps
Lead	208-1	18893666	18636317	18440836	18656940	1.22	cps
Lithium	6-1	1863904	1870268	1833519	1855897	1.06	cps
Magnesium	24-2	8059992	7876691	7859618	7932100	1.40	cps
Manganese	55-2	6556336	6605057	6556800	6572731	0.43	cps
Molybdenum	94-1	186306	185958	185353	185872	0.26	cps
Molybdenum	95-1	10314	10587	10514	10472	1.35	cps
Molybdenum	96-1	48958	47574	46163	47565	2.94	cps
Molybdenum	97-1	6712	6738	6391	6614	2.92	cps
Molybdenum	98-1	16616	16443	16399	16486	0.70	cps
Neodymium	150-1	229579	229712	227196	228829	0.62	cps
Neodymium	150-2	143651	142273	140829	142251	0.99	cps
Nickel	60-2	101594	100474	100386	100818	0.67	cps
Phosphorus	31-2	51453	51102	50847	51134	0.59	cps
Potassium	39-2	6116908	6150448	5973192	6080182	1.55	cps
Rhodium	103-1	14754871	14576649	14297403	14542975	1.59	cps
Rhodium	103-2	8730585	8645176	8706653	8694138	0.51	cps
Scandium	45-1	8862047	8787591	8784760	8811466	0.50	cps
Scandium	45-2	730933	726326	728256	728505	0.32	cps
Selenium	82-1	1884	1968	1683	1845	7.94	cps
Selenium	77-2	443	443	513	467	8.66	cps
Selenium	78-2	1070	1220	1063	1118	7.93	cps
Silicon	28-1	11976482	11829376	11761757	11855872	0.93	cps
Silver	107-1	42128	42502	43455	42695	1.60	cps
Silver	109-1	39052	40212	40309	39858	1.75	cps
Sodium	23-2	140453	139764	139646	139954	0.31	cps
Strontium	86-1	428900	425801	423469	426057	0.64	cps
Strontium	88-1	3825857	3727606	3786084	3779849	1.31	cps
Sulfur	34-1	303164	301219	296656	300347	1.11	cps
Terbium	159-1	20023830	19512270	19487803	19674634	1.54	cps
Terbium	159-2	13874926	13792476	13768742	13812048	0.40	cps
Thallium	203-1	7152	6685	7119	6985	3.73	cps
Thallium	205-1	17111	17057	17021	17063	0.27	cps
Tin	118-1	42121	43221	41941	42428	1.63	cps
Titanium	47-1	1548078	1530899	1545630	1541536	0.60	cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ94	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:16:34	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	58146	57099	58628	57958	1.35	cps
Vanadium	51-2	873514	871081	862024	868873	0.70	cps
Yttrium	89-1	20575748	20000434	19954283	20176822	1.72	cps
Yttrium	89-2	5406053	5410275	5423431	5413253	0.17	cps
Zinc	66-2	1762831	1754248	1708254	1741777	1.68	cps
Zirconium	90-1	489660	488462	486768	488297	0.30	cps
Zirconium	91-1	109544	108779	109081	109135	0.35	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ95	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:19:34	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10775324	10719095	10623347	10705922	0.72	cps
Antimony	121-1	6231	6291	6141	6221	1.21	cps
Arsenic	75-2	216644	217361	216239	216748	0.26	cps
Barium	135-1	1182643	1188991	1181652	1184429	0.34	cps
Barium	137-1	2074722	2090864	2088750	2084779	0.42	cps
Beryllium	9-1	2060	2287	2164	2170	5.23	cps
Bismuth	209-1	12539542	11503750	11553698	11865663	4.92	cps
Bismuth	209-2	10024204	9997627	9899706	9973846	0.66	cps
Bromine	81-1	17020	17627	16823	17157	2.44	cps
Bromine	81-2	723	620	727	690	8.79	cps
Cadmium	108-1	1100	1023	1137	1087	5.32	cps
Cadmium	106-1	7202	6542	6281	6675	7.11	cps
Cadmium	111-1	15199	15341	14699	15079	2.24	cps
Calcium	43-1	431824	437067	436402	435098	0.66	cps
Calcium	44-1	6808707	6925065	6840073	6857948	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	262800	265058	263561	263806	0.44	cps
Cobalt	59-2	306758	311187	308176	308707	0.73	cps
Copper	63-2	826184	829240	819886	825103	0.58	cps
Dysprosium	156-1	111827	113309	114038	113058	1.00	cps
Dysprosium	156-2	103474	101671	102439	102528	0.88	cps
Erbium	164-1	98642	99971	97621	98744	1.19	cps
Erbium	164-2	74085	73488	74216	73930	0.52	cps
Gadolinium	160-1	108100	110387	109309	109265	1.05	cps
Gadolinium	160-2	85566	84828	83513	84636	1.23	cps
Holmium	165-1	20599096	19352414	19070263	19673924	4.14	cps
Holmium	165-2	14242253	14043179	14131211	14138881	0.71	cps
Indium	115-1	16909181	15767624	15521919	16066241	4.61	cps
Indium	115-2	5850427	5739512	5703804	5764581	1.33	cps
Iron	56-2	467881433	467419673	461881046	465727384	0.72	cps
Iron	57-2	11641680	11490134	11420671	11517495	0.98	cps
Iron	54-2	25391362	25245212	25034102	25223559	0.71	cps
Krypton	83-1	453	417	400	423	6.45	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ95	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:19:34	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2729224	2731945	2699465	2720211	0.66	cps
Lead	207-1	2538350	2562412	2526901	2542554	0.71	cps
Lead	208-1	8911015	9021014	8977879	8969969	0.62	cps
Lithium	6-1	2038392	1889767	1818541	1915567	5.86	cps
Magnesium	24-2	6741671	6689632	6575937	6669080	1.27	cps
Manganese	55-2	6445103	6452532	6393518	6430384	0.50	cps
Molybdenum	94-1	126090	128427	127082	127199	0.92	cps
Molybdenum	95-1	7025	7325	7192	7181	2.09	cps
Molybdenum	96-1	33298	34754	33254	33769	2.53	cps
Molybdenum	97-1	4778	4674	4314	4589	5.30	cps
Molybdenum	98-1	11231	11588	11578	11466	1.77	cps
Neodymium	150-1	195351	198331	196516	196733	0.76	cps
Neodymium	150-2	124323	123868	122326	123505	0.85	cps
Nickel	60-2	86501	86548	86011	86353	0.34	cps
Phosphorus	31-2	38041	37877	37676	37864	0.48	cps
Potassium	39-2	4886022	4845774	4885091	4872295	0.47	cps
Rhodium	103-1	15715196	14717272	14611809	15014759	4.06	cps
Rhodium	103-2	8791834	8841101	8858593	8830509	0.39	cps
Scandium	45-1	9332889	8797120	8804478	8978162	3.42	cps
Scandium	45-2	728939	731500	727954	729465	0.25	cps
Selenium	82-1	1358	1314	1292	1321	2.51	cps
Selenium	77-2	370	377	243	330	22.77	cps
Selenium	78-2	880	827	843	850	3.21	cps
Silicon	28-1	10037929	10135919	10128854	10100901	0.54	cps
Silver	107-1	18579	18432	18348	18453	0.63	cps
Silver	109-1	17137	17461	17911	17503	2.22	cps
Sodium	23-2	133271	130837	130574	131561	1.13	cps
Strontium	86-1	299933	303445	303484	302287	0.67	cps
Strontium	88-1	2652211	2711578	2695541	2686444	1.14	cps
Sulfur	34-1	217228	221215	218009	218817	0.97	cps
Terbium	159-1	20902406	19744766	19503294	20050155	3.73	cps
Terbium	159-2	13843211	13753945	13801151	13799436	0.32	cps
Thallium	203-1	5374	5535	5374	5428	1.70	cps
Thallium	205-1	12126	13070	12516	12570	3.77	cps
Tin	118-1	10981	10881	10747	10870	1.08	cps
Titanium	47-1	1244189	1257346	1267049	1256195	0.91	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ95	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:19:34	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46451	47407	46976	46945	1.02	cps
Vanadium	51-2	698515	695047	691643	695068	0.49	cps
Yttrium	89-1	21301301	20165183	19674606	20380363	4.09	cps
Yttrium	89-2	5397886	5427637	5406591	5410704	0.28	cps
Zinc	66-2	1006700	1008325	1003485	1006170	0.24	cps
Zirconium	90-1	332879	336558	335545	334994	0.57	cps
Zirconium	91-1	73490	74052	75506	74349	1.40	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ96	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:22:39	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11933971	11969051	11841477	11914833	0.55	cps
Antimony	121-1	4604	4424	4324	4451	3.19	cps
Arsenic	75-2	115075	113429	111391	113298	1.63	cps
Barium	135-1	1510532	1492596	1490685	1497938	0.73	cps
Barium	137-1	2687507	2640597	2591587	2639897	1.82	cps
Beryllium	9-1	2560	2297	2640	2499	7.19	cps
Bismuth	209-1	11662337	11487037	11403977	11517784	1.15	cps
Bismuth	209-2	9836146	9928698	9856084	9873643	0.49	cps
Bromine	81-1	16730	16730	16453	16637	0.96	cps
Bromine	81-2	727	657	643	676	6.63	cps
Cadmium	108-1	843	813	913	857	5.99	cps
Cadmium	106-1	6842	6485	6101	6476	5.72	cps
Cadmium	111-1	13098	12839	12631	12856	1.82	cps
Calcium	43-1	536060	531065	523784	530303	1.16	cps
Calcium	44-1	8322090	8275798	8301476	8299788	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	271225	270073	268012	269770	0.60	cps
Cobalt	59-2	397244	396862	395741	396616	0.20	cps
Copper	63-2	826846	827732	824315	826298	0.21	cps
Dysprosium	156-1	124294	123510	121543	123116	1.15	cps
Dysprosium	156-2	108024	108129	108632	108262	0.30	cps
Erbium	164-1	112454	112740	109373	111523	1.67	cps
Erbium	164-2	81335	81342	80963	81213	0.27	cps
Gadolinium	160-1	118011	117333	116311	117218	0.73	cps
Gadolinium	160-2	89068	90376	89624	89689	0.73	cps
Holmium	165-1	19788576	19237541	18955522	19327213	2.19	cps
Holmium	165-2	13955031	13983873	14026517	13988474	0.26	cps
Indium	115-1	15781101	15571528	15231805	15528145	1.79	cps
Indium	115-2	5615541	5734062	5714458	5688020	1.12	cps
Iron	56-2	496781379	499150726	495231819	497054641	0.40	cps
Iron	57-2	12451714	12368006	12289219	12369646	0.66	cps
Iron	54-2	26902138	26897938	26624695	26808257	0.59	cps
Krypton	83-1	370	447	440	419	10.14	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ96	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:22:39	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2397730	2336846	2375764	2370113	1.30	cps
Lead	207-1	2176415	2131254	2126203	2144624	1.29	cps
Lead	208-1	7780806	7641583	7605044	7675811	1.21	cps
Lithium	6-1	1890357	1894075	1878228	1887553	0.44	cps
Magnesium	24-2	8129924	8171787	8041617	8114443	0.82	cps
Manganese	55-2	9944204	9829659	9815745	9863203	0.71	cps
Molybdenum	94-1	138659	137699	135903	137420	1.02	cps
Molybdenum	95-1	6788	6221	6668	6559	4.55	cps
Molybdenum	96-1	35119	35158	33789	34689	2.25	cps
Molybdenum	97-1	3941	4084	3807	3944	3.51	cps
Molybdenum	98-1	10504	10224	9903	10210	2.94	cps
Neodymium	150-1	200389	198689	195184	198087	1.34	cps
Neodymium	150-2	121558	123239	121971	122256	0.72	cps
Nickel	60-2	101235	100463	99316	100338	0.96	cps
Phosphorus	31-2	35618	35702	35474	35598	0.32	cps
Potassium	39-2	6371029	6449285	6336895	6385736	0.90	cps
Rhodium	103-1	14896986	14496889	14269226	14554367	2.18	cps
Rhodium	103-2	8610963	8741708	8668178	8673616	0.76	cps
Scandium	45-1	8982946	8794345	8679178	8818823	1.74	cps
Scandium	45-2	725496	726379	720837	724237	0.41	cps
Selenium	82-1	1311	1166	1127	1201	8.05	cps
Selenium	77-2	403	320	333	352	12.71	cps
Selenium	78-2	903	767	883	851	8.67	cps
Silicon	28-1	8436090	8438463	8389734	8421429	0.33	cps
Silver	107-1	13994	13907	14621	14174	2.75	cps
Silver	109-1	13113	13209	13330	13217	0.82	cps
Sodium	23-2	126222	124844	124831	125299	0.64	cps
Strontium	86-1	347801	340063	336741	341535	1.66	cps
Strontium	88-1	3046004	3010056	2997273	3017778	0.84	cps
Sulfur	34-1	227376	227748	227897	227674	0.12	cps
Terbium	159-1	19849748	19758511	19486320	19698193	0.96	cps
Terbium	159-2	13784703	13840001	13619446	13748050	0.83	cps
Thallium	203-1	5471	5598	5338	5469	2.38	cps
Thallium	205-1	13030	12936	12966	12977	0.37	cps
Tin	118-1	9340	9246	9390	9325	0.78	cps
Titanium	47-1	1665734	1657233	1616473	1646480	1.60	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ96	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:22:39	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51145	50291	50883	50773	0.86	cps
Vanadium	51-2	743146	742067	735519	740244	0.56	cps
Yttrium	89-1	20489951	19925380	19560069	19991800	2.34	cps
Yttrium	89-2	5351050	5374883	5346029	5357321	0.29	cps
Zinc	66-2	831541	832476	822525	828847	0.66	cps
Zirconium	90-1	363657	363508	358623	361929	0.79	cps
Zirconium	91-1	81810	80355	80160	80775	1.12	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ97	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:25:42	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12656419	12632316	12465100	12584612	0.83	cps
Antimony	121-1	4487	4451	4497	4479	0.55	cps
Arsenic	75-2	64513	63408	63837	63919	0.87	cps
Barium	135-1	1024253	1021011	1011795	1019020	0.63	cps
Barium	137-1	1811831	1821650	1793010	1808830	0.80	cps
Beryllium	9-1	1257	1317	1433	1336	6.73	cps
Bismuth	209-1	11729373	11285682	11213172	11409409	2.45	cps
Bismuth	209-2	9891881	9811484	9845512	9849626	0.41	cps
Bromine	81-1	15555	15318	15932	15602	1.98	cps
Bromine	81-2	407	447	417	423	4.92	cps
Cadmium	108-1	580	500	597	559	9.25	cps
Cadmium	106-1	6015	5958	6065	6012	0.89	cps
Cadmium	111-1	7258	7188	7081	7176	1.24	cps
Calcium	43-1	1202498	1185352	1220352	1202734	1.46	cps
Calcium	44-1	19474213	19476752	19191923	19380963	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	452119	453582	452792	452831	0.16	cps
Cobalt	59-2	514827	513747	512862	513812	0.19	cps
Copper	63-2	1347489	1333938	1331802	1337743	0.64	cps
Dysprosium	156-1	77888	78863	77901	78217	0.71	cps
Dysprosium	156-2	69273	69283	68928	69161	0.29	cps
Erbium	164-1	73894	73810	72878	73527	0.77	cps
Erbium	164-2	54509	53542	53776	53942	0.94	cps
Gadolinium	160-1	75599	76253	75046	75632	0.80	cps
Gadolinium	160-2	58260	58344	58542	58382	0.25	cps
Holmium	165-1	19805084	19186795	18860283	19284054	2.49	cps
Holmium	165-2	14024020	13805749	13990640	13940136	0.84	cps
Indium	115-1	15904625	15510490	15507016	15640710	1.46	cps
Indium	115-2	5819165	5673808	5644541	5712505	1.64	cps
Iron	56-2	566058738	555340258	558656805	560018601	0.98	cps
Iron	57-2	13900087	13845559	13882407	13876018	0.20	cps
Iron	54-2	30250626	29993147	29917822	30053865	0.58	cps
Krypton	83-1	367	363	420	383	8.29	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ97	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:25:42	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	568500	564426	557808	563578	0.96	cps
Lead	207-1	483122	478985	472496	478201	1.12	cps
Lead	208-1	1739830	1738848	1716773	1731817	0.75	cps
Lithium	6-1	1929066	1913456	1870568	1904363	1.59	cps
Magnesium	24-2	12129495	12035216	11999326	12054679	0.56	cps
Manganese	55-2	9413343	9346266	9279700	9346436	0.71	cps
Molybdenum	94-1	101892	100290	100025	100736	1.00	cps
Molybdenum	95-1	11995	11745	11708	11816	1.32	cps
Molybdenum	96-1	34160	34287	33318	33922	1.55	cps
Molybdenum	97-1	7589	7399	7205	7397	2.59	cps
Molybdenum	98-1	18732	18669	18405	18602	0.93	cps
Neodymium	150-1	128701	129834	130241	129592	0.62	cps
Neodymium	150-2	79841	80287	81313	80480	0.94	cps
Nickel	60-2	163554	164032	161074	162887	0.97	cps
Phosphorus	31-2	33888	33811	33707	33802	0.27	cps
Potassium	39-2	3511299	3546472	3518803	3525524	0.53	cps
Rhodium	103-1	14860141	14469712	14452518	14594124	1.58	cps
Rhodium	103-2	8759745	8760411	8703250	8741135	0.38	cps
Scandium	45-1	9072874	8890047	8862145	8941688	1.28	cps
Scandium	45-2	739306	738482	735742	737843	0.25	cps
Selenium	82-1	974	935	803	904	9.90	cps
Selenium	77-2	217	207	200	208	4.04	cps
Selenium	78-2	723	677	620	673	7.69	cps
Silicon	28-1	7648795	7687738	7682392	7672975	0.28	cps
Silver	107-1	5281	5441	5458	5393	1.81	cps
Silver	109-1	4971	4607	4914	4831	4.05	cps
Sodium	23-2	505681	506978	503710	505456	0.33	cps
Strontium	86-1	550059	550908	547105	549358	0.36	cps
Strontium	88-1	4885182	4860120	4826721	4857341	0.60	cps
Sulfur	34-1	192421	196884	199345	196217	1.79	cps
Terbium	159-1	19883641	19745855	19529995	19719830	0.90	cps
Terbium	159-2	13814145	13929323	13790955	13844808	0.54	cps
Thallium	203-1	2924	2700	2790	2805	4.01	cps
Thallium	205-1	6782	6748	6972	6834	1.76	cps
Tin	118-1	8699	8916	8649	8755	1.62	cps
Titanium	47-1	1413165	1382330	1354674	1383390	2.12	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ97	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:25:42	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32536	32302	31795	32211	1.18	cps
Vanadium	51-2	982543	980406	981024	981324	0.11	cps
Yttrium	89-1	19974433	19591531	19461425	19675796	1.36	cps
Yttrium	89-2	5354147	5228948	5324967	5302687	1.24	cps
Zinc	66-2	312632	312426	312173	312410	0.07	cps
Zirconium	90-1	255522	254553	252359	254145	0.64	cps
Zirconium	91-1	55755	57121	56344	56407	1.21	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ98	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:28:49	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17023167	16891876	16681614	16865552	1.02	cps
Antimony	121-1	2517	2430	2324	2424	4.00	cps
Arsenic	75-2	89830	89917	88217	89321	1.07	cps
Barium	135-1	2191888	2190887	2191562	2191446	0.02	cps
Barium	137-1	3817126	3766107	3717538	3766924	1.32	cps
Beryllium	9-1	2487	2647	2737	2624	4.83	cps
Bismuth	209-1	11697905	11394278	11289407	11460530	1.85	cps
Bismuth	209-2	9854711	9748923	9788092	9797242	0.55	cps
Bromine	81-1	17467	16770	17497	17245	2.39	cps
Bromine	81-2	837	780	910	842	7.74	cps
Cadmium	108-1	1140	1207	1027	1125	8.09	cps
Cadmium	106-1	7482	7068	7065	7205	3.33	cps
Cadmium	111-1	12645	11965	12042	12218	3.05	cps
Calcium	43-1	1207071	1188533	1172586	1189397	1.45	cps
Calcium	44-1	18921601	18637068	18503015	18687228	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1091488	1086992	1084773	1087751	0.31	cps
Cobalt	59-2	1054399	1052871	1051102	1052791	0.16	cps
Copper	63-2	2108199	2091621	2121426	2107082	0.71	cps
Dysprosium	156-1	139367	139511	136020	138300	1.43	cps
Dysprosium	156-2	122794	123544	123786	123374	0.42	cps
Erbium	164-1	117367	117244	113902	116171	1.69	cps
Erbium	164-2	85607	85083	84782	85157	0.49	cps
Gadolinium	160-1	129653	130767	128190	129537	1.00	cps
Gadolinium	160-2	98587	99154	97294	98345	0.97	cps
Holmium	165-1	19560677	18946220	19112259	19206385	1.65	cps
Holmium	165-2	13944031	14051280	14051490	14015600	0.44	cps
Indium	115-1	15869715	15601825	15559912	15677151	1.07	cps
Indium	115-2	5665356	5642171	5606109	5637879	0.53	cps
Iron	56-2	598738351	599461351	590023685	596074462	0.88	cps
Iron	57-2	14981793	14726006	14730775	14812858	0.99	cps
Iron	54-2	32292880	32312852	32031124	32212285	0.49	cps
Krypton	83-1	510	523	447	493	8.30	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ98	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:28:49	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	897019	893440	874300	888253	1.38	cps
Lead	207-1	765694	756903	739777	754125	1.75	cps
Lead	208-1	2871910	2830559	2787094	2829854	1.50	cps
Lithium	6-1	1937530	1892189	1889971	1906563	1.41	cps
Magnesium	24-2	15577979	15427848	15383279	15463035	0.66	cps
Manganese	55-2	15095244	15119930	15005199	15073458	0.40	cps
Molybdenum	94-1	254640	248688	248284	250537	1.42	cps
Molybdenum	95-1	9570	9510	9590	9557	0.44	cps
Molybdenum	96-1	57837	57700	56592	57376	1.19	cps
Molybdenum	97-1	6298	6068	5995	6120	2.59	cps
Molybdenum	98-1	15652	15121	15055	15276	2.14	cps
Neodymium	150-1	257362	253014	252688	254355	1.03	cps
Neodymium	150-2	158588	158256	155719	157521	1.00	cps
Nickel	60-2	405549	402601	403710	403953	0.37	cps
Phosphorus	31-2	63628	63136	63635	63466	0.45	cps
Potassium	39-2	6494446	6452254	6510440	6485713	0.46	cps
Rhodium	103-1	14555718	14345686	14254961	14385455	1.07	cps
Rhodium	103-2	8695425	8618490	8670756	8661557	0.45	cps
Scandium	45-1	9164385	8913437	8899548	8992457	1.66	cps
Scandium	45-2	748108	746059	743521	745896	0.31	cps
Selenium	82-1	944	890	915	916	2.95	cps
Selenium	77-2	440	340	357	379	14.14	cps
Selenium	78-2	863	863	790	839	5.05	cps
Silicon	28-1	9839056	8920321	8820411	9193263	6.11	cps
Silver	107-1	10714	10584	10454	10584	1.23	cps
Silver	109-1	9233	9336	9193	9254	0.80	cps
Sodium	23-2	417714	418492	413664	416623	0.62	cps
Strontium	86-1	1016996	1006048	1002189	1008411	0.76	cps
Strontium	88-1	9103205	8946040	8938575	8995940	1.03	cps
Sulfur	34-1	221190	219087	219811	220029	0.49	cps
Terbium	159-1	20037425	19796610	19428918	19754318	1.55	cps
Terbium	159-2	13681616	13927220	13562007	13723615	1.36	cps
Thallium	203-1	4287	4291	4267	4282	0.29	cps
Thallium	205-1	10050	10471	9867	10129	3.06	cps
Tin	118-1	25833	25867	25790	25830	0.15	cps
Titanium	47-1	729525	717942	705196	717554	1.70	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ98	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:28:49	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46859	46986	46377	46741	0.69	cps
Vanadium	51-2	1100468	1102519	1095195	1099394	0.34	cps
Yttrium	89-1	20546030	19938520	20008683	20164411	1.65	cps
Yttrium	89-2	5454176	5473233	5395261	5440890	0.75	cps
Zinc	66-2	629809	628036	627179	628341	0.21	cps
Zirconium	90-1	668530	667771	659670	665324	0.74	cps
Zirconium	91-1	149667	147125	148435	148409	0.86	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ99	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:31:53	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21317848	21472603	21266605	21352352	0.50	cps
Antimony	121-1	3114	3257	3077	3149	3.02	cps
Arsenic	75-2	117887	118058	118371	118105	0.21	cps
Barium	135-1	1541788	1523080	1498409	1521092	1.43	cps
Barium	137-1	2738342	2702634	2624765	2688580	2.16	cps
Beryllium	9-1	1700	1860	1740	1767	4.71	cps
Bismuth	209-1	11426412	11131694	11110507	11222871	1.57	cps
Bismuth	209-2	9659015	9722367	9759038	9713474	0.52	cps
Bromine	81-1	16119	16032	16296	16149	0.83	cps
Bromine	81-2	610	623	563	599	5.26	cps
Cadmium	108-1	900	850	997	916	8.14	cps
Cadmium	106-1	6438	6535	6451	6475	0.81	cps
Cadmium	111-1	10408	10327	10136	10291	1.36	cps
Calcium	43-1	1154540	1134435	1125674	1138216	1.30	cps
Calcium	44-1	18056346	17574840	17451673	17694286	1.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1482549	1504346	1491307	1492734	0.73	cps
Cobalt	59-2	1342193	1341874	1336419	1340162	0.24	cps
Copper	63-2	2623462	2639300	2580703	2614489	1.16	cps
Dysprosium	156-1	101825	99261	98663	99916	1.68	cps
Dysprosium	156-2	88684	88000	89117	88600	0.64	cps
Erbium	164-1	96654	96560	94446	95887	1.30	cps
Erbium	164-2	69736	69927	71200	70288	1.13	cps
Gadolinium	160-1	97626	96466	94100	96064	1.87	cps
Gadolinium	160-2	73361	73247	72567	73058	0.59	cps
Holmium	165-1	19415151	18991189	18771164	19059168	1.72	cps
Holmium	165-2	14093561	13835429	13862899	13930630	1.02	cps
Indium	115-1	15710510	15332354	15066068	15369644	2.11	cps
Indium	115-2	5637466	5577319	5591935	5602240	0.56	cps
Iron	56-2	795685508	792680708	791429988	793265402	0.28	cps
Iron	57-2	19687491	19688794	19623916	19666734	0.19	cps
Iron	54-2	42925838	43033821	42585022	42848227	0.55	cps
Krypton	83-1	433	393	367	398	8.44	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ99	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:31:53	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	550519	551164	539747	547143	1.17	cps
Lead	207-1	472208	465465	463916	467196	0.94	cps
Lead	208-1	1711695	1696167	1678282	1695381	0.99	cps
Lithium	6-1	1917185	1849633	1899346	1888721	1.85	cps
Magnesium	24-2	23585917	23823808	23604477	23671401	0.56	cps
Manganese	55-2	16921437	17067463	16957065	16981988	0.45	cps
Molybdenum	94-1	150638	149180	146598	148806	1.37	cps
Molybdenum	95-1	8533	8266	8366	8388	1.61	cps
Molybdenum	96-1	41800	40432	39664	40632	2.66	cps
Molybdenum	97-1	5274	5141	5138	5184	1.50	cps
Molybdenum	98-1	13093	12255	12609	12652	3.32	cps
Neodymium	150-1	169057	167030	165111	167066	1.18	cps
Neodymium	150-2	103490	102936	102882	103102	0.33	cps
Nickel	60-2	525521	521411	521108	522680	0.47	cps
Phosphorus	31-2	43749	41767	42365	42627	2.39	cps
Potassium	39-2	6244022	6184960	6138071	6189018	0.86	cps
Rhodium	103-1	14685744	14032912	14029666	14249441	2.65	cps
Rhodium	103-2	8603822	8541257	8401125	8515401	1.22	cps
Scandium	45-1	9283490	9003757	9036774	9108007	1.68	cps
Scandium	45-2	757701	754552	747714	753322	0.68	cps
Selenium	82-1	941	1044	897	960	7.83	cps
Selenium	77-2	230	230	220	227	2.55	cps
Selenium	78-2	733	740	687	720	4.04	cps
Silicon	28-1	7630237	7501916	7519488	7550547	0.92	cps
Silver	107-1	7682	7615	7432	7576	1.71	cps
Silver	109-1	6912	7052	6692	6885	2.64	cps
Sodium	23-2	291959	292214	290418	291530	0.33	cps
Strontium	86-1	694962	679396	677269	683876	1.41	cps
Strontium	88-1	6138929	6080988	5950411	6056776	1.59	cps
Sulfur	34-1	205306	205181	205644	205377	0.12	cps
Terbium	159-1	19983366	19339239	19227591	19516732	2.09	cps
Terbium	159-2	13695794	13780215	13635801	13703936	0.53	cps
Thallium	203-1	3871	3794	3904	3856	1.46	cps
Thallium	205-1	9177	8840	8816	8944	2.25	cps
Tin	118-1	19627	19270	18786	19227	2.20	cps
Titanium	47-1	1355587	1345654	1343557	1348266	0.48	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ99	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:31:53	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34147	34655	33255	34019	2.08	cps
Vanadium	51-2	1676475	1680419	1651713	1669536	0.93	cps
Yttrium	89-1	20219827	19561487	19450405	19743906	2.11	cps
Yttrium	89-2	5347920	5326075	5227513	5300503	1.21	cps
Zinc	66-2	593803	588781	588627	590404	0.50	cps
Zirconium	90-1	396910	392726	389289	392975	0.97	cps
Zirconium	91-1	87649	86281	85728	86553	1.14	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-12	Instrumnet Name :	P7
Client Sample ID :	MYCZA0	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:34:57	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12005901	11981906	11899967	11962591	0.46	cps
Antimony	121-1	1490	1683	1657	1610	6.51	cps
Arsenic	75-2	50098	50392	49964	50151	0.44	cps
Barium	135-1	2415112	2401993	2362417	2393174	1.15	cps
Barium	137-1	4143045	4157417	4106048	4135503	0.64	cps
Beryllium	9-1	2750	2784	2787	2774	0.73	cps
Bismuth	209-1	11603751	11565624	11449139	11539505	0.70	cps
Bismuth	209-2	9765032	9877396	9825324	9822584	0.57	cps
Bromine	81-1	16216	15608	15405	15743	2.68	cps
Bromine	81-2	600	593	613	602	1.69	cps
Cadmium	108-1	1013	927	997	979	4.70	cps
Cadmium	106-1	7292	7075	7068	7145	1.78	cps
Cadmium	111-1	10383	10295	10011	10230	1.90	cps
Calcium	43-1	1211521	1208743	1180663	1200309	1.42	cps
Calcium	44-1	19734391	19646629	19202270	19527763	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	452681	450566	449321	450856	0.38	cps
Cobalt	59-2	371893	371442	368925	370754	0.43	cps
Copper	63-2	1364971	1374599	1363666	1367746	0.44	cps
Dysprosium	156-1	157835	155931	154788	156185	0.99	cps
Dysprosium	156-2	142639	141777	140710	141708	0.68	cps
Erbium	164-1	124286	123856	124932	124358	0.44	cps
Erbium	164-2	91158	91279	89789	90742	0.91	cps
Gadolinium	160-1	145213	145526	143462	144734	0.77	cps
Gadolinium	160-2	109759	110158	110048	109988	0.19	cps
Holmium	165-1	19262266	19293452	19045462	19200393	0.70	cps
Holmium	165-2	13966755	14017081	13851176	13945004	0.61	cps
Indium	115-1	15864384	15518168	15518591	15633714	1.28	cps
Indium	115-2	5755507	5645748	5589183	5663479	1.49	cps
Iron	56-2	449932407	449471247	447101833	448835162	0.34	cps
Iron	57-2	11182304	11113669	11084351	11126774	0.45	cps
Iron	54-2	24189992	24315973	24251255	24252407	0.26	cps
Krypton	83-1	390	430	487	436	11.15	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-12	Instrumnet Name :	P7
Client Sample ID :	MYCZA0	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:34:57	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1495707	1499501	1487086	1494098	0.43	cps
Lead	207-1	1274678	1272707	1268839	1272075	0.23	cps
Lead	208-1	4729311	4839605	4758722	4775880	1.20	cps
Lithium	6-1	1935238	1888621	1842454	1888771	2.46	cps
Magnesium	24-2	9154151	9101956	9095488	9117198	0.35	cps
Manganese	55-2	10511684	10455008	10369915	10445536	0.68	cps
Molybdenum	94-1	267037	267359	265740	266712	0.32	cps
Molybdenum	95-1	8356	8059	7942	8119	2.63	cps
Molybdenum	96-1	57864	56843	56154	56954	1.51	cps
Molybdenum	97-1	5118	5328	5021	5155	3.04	cps
Molybdenum	98-1	12872	12552	12916	12780	1.55	cps
Neodymium	150-1	295547	295383	292529	294486	0.58	cps
Neodymium	150-2	181229	181658	180925	181271	0.20	cps
Nickel	60-2	207015	205680	204940	205879	0.51	cps
Phosphorus	31-2	48995	49152	49092	49080	0.16	cps
Potassium	39-2	3291905	3331991	3307642	3310513	0.61	cps
Rhodium	103-1	14658883	14271681	14540646	14490404	1.37	cps
Rhodium	103-2	8742603	8723216	8511676	8659165	1.48	cps
Scandium	45-1	8903108	8770844	8585425	8753126	1.82	cps
Scandium	45-2	730347	727758	721151	726419	0.65	cps
Selenium	82-1	1158	916	906	994	14.39	cps
Selenium	77-2	457	517	450	474	7.74	cps
Selenium	78-2	880	953	960	931	4.77	cps
Silicon	28-1	4664573	4647468	4725541	4679194	0.88	cps
Silver	107-1	7239	6942	6798	6993	3.21	cps
Silver	109-1	6438	6445	6091	6325	3.20	cps
Sodium	23-2	252368	252768	252507	252548	0.08	cps
Strontium	86-1	876708	877115	870489	874771	0.42	cps
Strontium	88-1	7853602	7770180	7734919	7786233	0.78	cps
Sulfur	34-1	210540	209570	207421	209177	0.76	cps
Terbium	159-1	20051357	19541731	19415812	19669633	1.71	cps
Terbium	159-2	13682912	13723339	13791800	13732684	0.40	cps
Thallium	203-1	4164	4174	3981	4106	2.65	cps
Thallium	205-1	10064	9924	9503	9830	2.97	cps
Tin	118-1	50655	50822	51251	50909	0.60	cps
Titanium	47-1	752216	755570	742721	750169	0.89	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-12	Instrumnet Name :	P7
Client Sample ID :	MYCZA0	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:34:57	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51599	51459	50944	51334	0.67	cps
Vanadium	51-2	734769	726767	729190	730242	0.56	cps
Yttrium	89-1	20611792	20105615	20048265	20255224	1.53	cps
Yttrium	89-2	5460730	5421524	5322424	5401559	1.32	cps
Zinc	66-2	354717	350247	351454	352139	0.66	cps
Zirconium	90-1	706144	711525	702214	706628	0.66	cps
Zirconium	91-1	160308	157808	156436	158184	1.24	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-13	Instrumnet Name :	P7
Client Sample ID :	MYCZA1	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:38:00	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11202125	11114167	11161245	11159179	0.39	cps
Antimony	121-1	4798	4981	4901	4893	1.88	cps
Arsenic	75-2	51572	50375	51716	51221	1.44	cps
Barium	135-1	743704	740073	735986	739921	0.52	cps
Barium	137-1	1295969	1286081	1269677	1283909	1.03	cps
Beryllium	9-1	1073	1183	1187	1148	5.62	cps
Bismuth	209-1	11005844	11133524	11085324	11074897	0.58	cps
Bismuth	209-2	9699932	9618162	9668235	9662110	0.43	cps
Bromine	81-1	15165	14904	15071	15047	0.88	cps
Bromine	81-2	440	420	367	409	9.27	cps
Cadmium	108-1	333	437	473	414	17.52	cps
Cadmium	106-1	5451	5501	5284	5412	2.10	cps
Cadmium	111-1	6586	6539	6441	6522	1.13	cps
Calcium	43-1	1129944	1119179	1109931	1119684	0.89	cps
Calcium	44-1	17803935	17490307	17514365	17602869	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	442280	440138	441401	441273	0.24	cps
Cobalt	59-2	518479	519412	518101	518664	0.13	cps
Copper	63-2	1170071	1162912	1171588	1168190	0.40	cps
Dysprosium	156-1	71608	71765	70676	71350	0.82	cps
Dysprosium	156-2	64768	64223	64584	64525	0.43	cps
Erbium	164-1	65157	64856	63323	64445	1.53	cps
Erbium	164-2	47025	46908	46915	46950	0.14	cps
Gadolinium	160-1	66939	66658	66956	66851	0.25	cps
Gadolinium	160-2	52153	51323	51615	51697	0.81	cps
Holmium	165-1	18759040	18598091	18314529	18557220	1.21	cps
Holmium	165-2	13878226	13585189	13581625	13681680	1.24	cps
Indium	115-1	15247201	15257412	15073103	15192572	0.68	cps
Indium	115-2	5661400	5537346	5587918	5595554	1.11	cps
Iron	56-2	481456299	477557820	478015953	479010024	0.44	cps
Iron	57-2	11854884	11813252	11862183	11843440	0.22	cps
Iron	54-2	25977398	25748290	25935655	25887114	0.47	cps
Krypton	83-1	300	377	327	334	11.64	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-13	Instrumnet Name :	P7
Client Sample ID :	MYCZA1	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:38:00	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	495031	495882	498386	496433	0.35	cps
Lead	207-1	423211	424316	420326	422618	0.49	cps
Lead	208-1	1537397	1534519	1529524	1533813	0.26	cps
Lithium	6-1	1854486	1885032	1855236	1864918	0.93	cps
Magnesium	24-2	10965612	10974956	11091370	11010646	0.64	cps
Manganese	55-2	7835680	7826874	7887930	7850161	0.42	cps
Molybdenum	94-1	90138	90356	89525	90006	0.48	cps
Molybdenum	95-1	8149	7912	7785	7949	2.32	cps
Molybdenum	96-1	28004	27950	27820	27925	0.34	cps
Molybdenum	97-1	4941	5038	5004	4994	0.98	cps
Molybdenum	98-1	12792	12746	12092	12543	3.12	cps
Neodymium	150-1	122681	123115	120382	122059	1.20	cps
Neodymium	150-2	75762	75568	75155	75495	0.41	cps
Nickel	60-2	167268	166732	167119	167040	0.17	cps
Phosphorus	31-2	29953	30170	30323	30149	0.62	cps
Potassium	39-2	2999141	3008360	3018456	3008652	0.32	cps
Rhodium	103-1	14422569	14217187	13933046	14190934	1.73	cps
Rhodium	103-2	8671213	8436776	8513676	8540555	1.40	cps
Scandium	45-1	8765028	8526482	8604540	8632017	1.41	cps
Scandium	45-2	723507	722459	722962	722976	0.07	cps
Selenium	82-1	944	820	883	882	7.08	cps
Selenium	77-2	177	203	157	179	13.09	cps
Selenium	78-2	563	690	667	640	10.53	cps
Silicon	28-1	9881398	9177229	9179495	9412707	4.31	cps
Silver	107-1	4094	4217	4137	4150	1.51	cps
Silver	109-1	3867	3684	3807	3786	2.47	cps
Sodium	23-2	360915	359030	356256	358734	0.65	cps
Strontium	86-1	364162	362717	356429	361102	1.14	cps
Strontium	88-1	3238732	3221572	3200955	3220420	0.59	cps
Sulfur	34-1	192115	191226	191662	191668	0.23	cps
Terbium	159-1	19599282	18936679	19103100	19213020	1.79	cps
Terbium	159-2	13353339	13434173	13524396	13437303	0.64	cps
Thallium	203-1	2414	2630	2550	2531	4.33	cps
Thallium	205-1	5891	6185	6275	6117	3.28	cps
Tin	118-1	12018	12149	12008	12058	0.65	cps
Titanium	47-1	1228382	1205726	1188264	1207457	1.67	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-13	Instrumnet Name :	P7
Client Sample ID :	MYCZA1	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:38:00	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36924	36156	35875	36318	1.50	cps
Vanadium	51-2	869219	867708	870339	869089	0.15	cps
Yttrium	89-1	19259786	19127153	18854012	19080317	1.08	cps
Yttrium	89-2	5178950	5149068	5132750	5153589	0.45	cps
Zinc	66-2	271876	271150	270975	271334	0.18	cps
Zirconium	90-1	232979	234576	230044	232533	0.99	cps
Zirconium	91-1	51169	50898	52022	51363	1.14	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-14	Instrumnet Name :	P7
Client Sample ID :	MYCZA2	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:41:09	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33476690	33307748	32872735	33219057	0.94	cps
Antimony	121-1	1520	1553	1463	1512	3.01	cps
Arsenic	75-2	82480	82705	82916	82701	0.26	cps
Barium	135-1	545552	543948	534026	541175	1.15	cps
Barium	137-1	944509	933762	928594	935622	0.87	cps
Beryllium	9-1	1230	1247	1337	1271	4.51	cps
Bismuth	209-1	11160684	11034460	10990630	11061925	0.80	cps
Bismuth	209-2	9606569	9521011	9479241	9535607	0.68	cps
Bromine	81-1	15061	15341	14938	15113	1.37	cps
Bromine	81-2	393	423	430	416	4.70	cps
Cadmium	108-1	347	343	393	361	7.74	cps
Cadmium	106-1	5441	5428	4924	5264	5.60	cps
Cadmium	111-1	6246	6259	5912	6139	3.21	cps
Calcium	43-1	876145	869658	859568	868457	0.96	cps
Calcium	44-1	13703433	13679646	13518117	13633732	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1569311	1544955	1564796	1559687	0.83	cps
Cobalt	59-2	2097776	2091525	2092641	2093980	0.16	cps
Copper	63-2	4113458	4037907	4049843	4067069	1.00	cps
Dysprosium	156-1	64839	64996	64216	64683	0.64	cps
Dysprosium	156-2	52146	52129	51089	51788	1.17	cps
Erbium	164-1	90608	89427	90876	90304	0.85	cps
Erbium	164-2	65971	65469	65827	65756	0.39	cps
Gadolinium	160-1	70945	69233	70064	70081	1.22	cps
Gadolinium	160-2	53468	53629	52709	53269	0.92	cps
Holmium	165-1	19276734	19059073	18825475	19053761	1.18	cps
Holmium	165-2	14043083	13636679	13717620	13799127	1.56	cps
Indium	115-1	15537480	15544779	15118142	15400134	1.59	cps
Indium	115-2	5745313	5667557	5653507	5688793	0.87	cps
Iron	56-2	1354225820	1353576887	1354088406	1353963704	0.03	cps
Iron	57-2	33805444	33540040	33812707	33719397	0.46	cps
Iron	54-2	74025737	73315962	73792316	73711338	0.49	cps
Krypton	83-1	457	423	440	440	3.79	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-14	Instrumnet Name :	P7
Client Sample ID :	MYCZA2	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:41:09	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	81137	79309	80352	80266	1.14	cps
Lead	207-1	69352	70043	68069	69155	1.45	cps
Lead	208-1	251062	252325	249521	250969	0.56	cps
Lithium	6-1	1903278	1876514	1835308	1871700	1.83	cps
Magnesium	24-2	36209146	36209284	35598465	36005632	0.98	cps
Manganese	55-2	34460439	34159241	34375980	34331887	0.45	cps
Molybdenum	94-1	30949	30225	29747	30307	2.00	cps
Molybdenum	95-1	8726	8296	8312	8445	2.89	cps
Molybdenum	96-1	26674	26868	26711	26751	0.38	cps
Molybdenum	97-1	5124	5061	4794	4993	3.51	cps
Molybdenum	98-1	11845	12018	11805	11889	0.95	cps
Neodymium	150-1	65699	67276	65772	66249	1.34	cps
Neodymium	150-2	41093	41247	40612	40984	0.81	cps
Nickel	60-2	546680	547021	539101	544267	0.82	cps
Phosphorus	31-2	16713	16923	17397	17011	2.06	cps
Potassium	39-2	1264045	1244642	1246869	1251852	0.85	cps
Rhodium	103-1	14387198	14378759	14042860	14269606	1.38	cps
Rhodium	103-2	8612367	8562872	8582540	8585926	0.29	cps
Scandium	45-1	9518631	9622881	9299844	9480452	1.74	cps
Scandium	45-2	807483	794672	796795	799650	0.86	cps
Selenium	82-1	888	927	838	884	5.07	cps
Selenium	77-2	167	167	150	161	5.97	cps
Selenium	78-2	630	613	613	619	1.56	cps
Silicon	28-1	3260607	3271953	3037229	3189930	4.15	cps
Silver	107-1	3360	3127	3120	3203	4.27	cps
Silver	109-1	3047	3100	2997	3048	1.70	cps
Sodium	23-2	328947	326898	327495	327780	0.32	cps
Strontium	86-1	525630	521532	520043	522402	0.55	cps
Strontium	88-1	4691347	4698946	4600678	4663657	1.17	cps
Sulfur	34-1	173439	176891	176894	175741	1.13	cps
Terbium	159-1	19695383	19565033	19331409	19530608	0.94	cps
Terbium	159-2	13825411	13701126	13691080	13739206	0.54	cps
Thallium	203-1	2730	2500	2890	2707	7.24	cps
Thallium	205-1	6638	6595	6632	6622	0.35	cps
Tin	118-1	9613	9523	9717	9618	1.01	cps
Titanium	47-1	5598527	5519456	5417461	5511815	1.65	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-14	Instrumnet Name :	P7
Client Sample ID :	MYCZA2	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:41:09	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12142	12349	12015	12169	1.38	cps
Vanadium	51-2	3248847	3238253	3219762	3235621	0.45	cps
Yttrium	89-1	20273444	20260060	19990359	20174621	0.79	cps
Yttrium	89-2	5460827	5409346	5377475	5415883	0.78	cps
Zinc	66-2	345752	343728	345280	344920	0.31	cps
Zirconium	90-1	69323	69537	68221	69027	1.02	cps
Zirconium	91-1	15645	15902	15688	15745	0.87	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:44:11	DataFile Name :	163CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16872102	16871354	16914182	16885879	0.15	cps
Antimony	121-1	7820712	7864758	7815538	7833669	0.35	cps
Arsenic	75-2	417965	417620	418420	418002	0.10	cps
Barium	135-1	9982167	9993591	9976069	9983942	0.09	cps
Barium	137-1	17155001	17087142	17260466	17167536	0.51	cps
Beryllium	9-1	757970	758650	760191	758937	0.15	cps
Bismuth	209-1	10197276	10007970	10056109	10087118	0.98	cps
Bismuth	209-2	8591880	8675399	8705035	8657438	0.68	cps
Bromine	81-1	13857	14200	13967	14008	1.25	cps
Bromine	81-2	107	153	110	123	21.11	cps
Cadmium	108-1	151762	152503	152771	152345	0.34	cps
Cadmium	106-1	213553	215663	216925	215380	0.79	cps
Cadmium	111-1	2081525	2103185	2081818	2088842	0.59	cps
Calcium	43-1	10130662	10033499	10005375	10056512	0.65	cps
Calcium	44-1	164309518	163745008	163628444	163894323	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2953397	2963326	2940153	2952292	0.39	cps
Cobalt	59-2	4712044	4648524	4641579	4667382	0.83	cps
Copper	63-2	33223232	33327511	32968004	33172916	0.56	cps
Dysprosium	156-1	467	517	497	493	5.10	cps
Dysprosium	156-2	840	793	863	832	4.28	cps
Erbium	164-1	540	517	487	514	5.20	cps
Erbium	164-2	393	387	450	410	8.49	cps
Gadolinium	160-1	463	493	520	492	5.76	cps
Gadolinium	160-2	1180	1100	1027	1102	6.96	cps
Holmium	165-1	17849659	17524025	17626717	17666800	0.94	cps
Holmium	165-2	13045478	12956473	12982684	12994878	0.35	cps
Indium	115-1	13911665	13851125	13542470	13768420	1.44	cps
Indium	115-2	5092891	4952039	5044054	5029661	1.42	cps
Iron	56-2	691642576	686903403	691194363	689913447	0.38	cps
Iron	57-2	17454309	17256362	17376381	17362351	0.57	cps
Iron	54-2	37579261	37379418	37271118	37409932	0.42	cps
Krypton	83-1	207	260	247	238	11.67	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:44:11	DataFile Name :	163CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	29925580	30061652	30306199	30097810	0.64	cps
Lead	207-1	26084810	26151363	26014773	26083649	0.26	cps
Lead	208-1	94864555	95048352	94381128	94764679	0.36	cps
Lithium	6-1	1729647	1723186	1751182	1734672	0.85	cps
Magnesium	24-2	125596965	125375461	124990188	125320871	0.25	cps
Manganese	55-2	23642556	23510724	23737693	23630324	0.48	cps
Molybdenum	94-1	28542809	28622631	28334644	28500028	0.52	cps
Molybdenum	95-1	40607095	40989624	40694305	40763675	0.49	cps
Molybdenum	96-1	44642558	44917051	44466689	44675433	0.51	cps
Molybdenum	97-1	25560574	25680020	25331364	25523986	0.69	cps
Molybdenum	98-1	65621841	66111517	65456799	65730052	0.52	cps
Neodymium	150-1	893	827	693	804	12.66	cps
Neodymium	150-2	310	267	257	278	10.21	cps
Nickel	60-2	1242828	1239374	1237307	1239836	0.22	cps
Phosphorus	31-2	152053	150521	150844	151139	0.53	cps
Potassium	39-2	83261317	82945352	82601547	82936072	0.40	cps
Rhodium	103-1	12585169	12480460	12243726	12436451	1.41	cps
Rhodium	103-2	7489539	7512418	7512979	7504979	0.18	cps
Scandium	45-1	7781358	7692046	7634575	7702660	0.96	cps
Scandium	45-2	644467	641259	644533	643420	0.29	cps
Selenium	82-1	120347	120754	120661	120587	0.18	cps
Selenium	77-2	12686	12235	12629	12516	1.96	cps
Selenium	78-2	42554	42471	42608	42544	0.16	cps
Silicon	28-1	67873447	68318317	67449037	67880267	0.64	cps
Silver	107-1	10177804	10289496	10223959	10230420	0.55	cps
Silver	109-1	9720073	9798650	9767844	9762189	0.41	cps
Sodium	23-2	201772964	201724157	202016437	201837853	0.08	cps
Strontium	86-1	2488655	2522205	2510479	2507113	0.68	cps
Strontium	88-1	21863596	21942690	21746825	21851037	0.45	cps
Sulfur	34-1	720445	717437	716917	718266	0.27	cps
Terbium	159-1	18048452	17906798	17629838	17861696	1.19	cps
Terbium	159-2	12742973	12818231	12820616	12793940	0.35	cps
Thallium	203-1	7482495	7457716	7417611	7452607	0.44	cps
Thallium	205-1	17801649	18034250	17827026	17887642	0.71	cps
Tin	118-1	6586254	6675892	6575042	6612396	0.84	cps
Titanium	47-1	9454363	9473830	9537260	9488484	0.46	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:44:11	DataFile Name :	163CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23637690	23941325	23592480	23723832	0.80	cps
Vanadium	51-2	2641126	2601741	2601785	2614884	0.87	cps
Yttrium	89-1	16955237	16527130	16615243	16699204	1.35	cps
Yttrium	89-2	4503688	4538672	4523723	4522028	0.39	cps
Zinc	66-2	5884077	5837334	5814591	5845334	0.61	cps
Zirconium	90-1	13978089	13964831	13948423	13963781	0.11	cps
Zirconium	91-1	3134890	3097557	3087689	3106712	0.80	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:46:54	DataFile Name :	164CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1673	1317	1097	1362	21.36	cps
Antimony	121-1	4838	3981	3534	4117	16.09	cps
Arsenic	75-2	47	53	50	50	6.66	cps
Barium	135-1	2590	2144	1653	2129	22.01	cps
Barium	137-1	4594	3627	3007	3743	21.37	cps
Beryllium	9-1	307	253	253	271	11.36	cps
Bismuth	209-1	10899619	10847152	10905842	10884204	0.30	cps
Bismuth	209-2	9608422	9620847	9664510	9631259	0.31	cps
Bromine	81-1	14707	14968	15125	14933	1.41	cps
Bromine	81-2	420	437	410	422	3.19	cps
Cadmium	108-1	80	43	50	58	33.81	cps
Cadmium	106-1	4244	4524	3927	4232	7.06	cps
Cadmium	111-1	3531	3647	3074	3417	8.86	cps
Calcium	43-1	3317	2637	2177	2710	21.17	cps
Calcium	44-1	62264	53648	44990	53634	16.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2720	2664	2657	2680	1.30	cps
Cobalt	59-2	623	587	310	507	33.81	cps
Copper	63-2	4417	3540	2904	3620	20.99	cps
Dysprosium	156-1	13	7	0	7	99.98	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	53	53	50	52	3.68	cps
Erbium	164-2	37	63	73	58	32.80	cps
Gadolinium	160-1	57	33	33	41	32.78	cps
Gadolinium	160-2	753	720	767	747	3.22	cps
Holmium	165-1	17306611	17665796	17459516	17477308	1.03	cps
Holmium	165-2	13299721	13204806	13353860	13286129	0.57	cps
Indium	115-1	14414186	14482918	14443987	14447030	0.24	cps
Indium	115-2	5463543	5496891	5534579	5498338	0.65	cps
Iron	56-2	97317	79221	65408	80649	19.84	cps
Iron	57-2	2904	2607	2100	2537	16.01	cps
Iron	54-2	6758	5925	5311	5998	12.11	cps
Krypton	83-1	247	277	263	262	5.73	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:46:54	DataFile Name :	164CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9160	7215	5975	7450	21.55	cps
Lead	207-1	7762	6355	5321	6479	18.91	cps
Lead	208-1	27937	23304	18915	23385	19.29	cps
Lithium	6-1	1793513	1784888	1772138	1783513	0.60	cps
Magnesium	24-2	11574	8819	6415	8936	28.89	cps
Manganese	55-2	2644	2210	1870	2241	17.30	cps
Molybdenum	94-1	8549	6878	5671	7033	20.55	cps
Molybdenum	95-1	11244	9080	7512	9279	20.20	cps
Molybdenum	96-1	12672	10287	8249	10403	21.28	cps
Molybdenum	97-1	7372	5855	4437	5888	24.92	cps
Molybdenum	98-1	18655	15135	12005	15265	21.80	cps
Neodymium	150-1	7	10	10	9	21.63	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	730	753	687	723	4.68	cps
Phosphorus	31-2	157	157	140	151	6.37	cps
Potassium	39-2	68590	66528	65483	66867	2.36	cps
Rhodium	103-1	13348762	13491596	13506053	13448804	0.65	cps
Rhodium	103-2	8422003	8384369	8402757	8403043	0.22	cps
Scandium	45-1	7651336	7685165	7750527	7695676	0.66	cps
Scandium	45-2	651782	654424	655583	653930	0.30	cps
Selenium	82-1	753	721	669	714	5.91	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	590	453	400	481	20.37	cps
Silicon	28-1	736484	723841	718053	726126	1.30	cps
Silver	107-1	3620	3187	2484	3097	18.53	cps
Silver	109-1	3620	2614	2364	2866	23.22	cps
Sodium	23-2	48754	43454	40059	44089	9.94	cps
Strontium	86-1	1090	1037	930	1019	8.00	cps
Strontium	88-1	6188	5074	4097	5120	20.43	cps
Sulfur	34-1	202490	201189	201797	201825	0.32	cps
Terbium	159-1	17982901	17855462	17856401	17898255	0.41	cps
Terbium	159-2	13045527	13155542	12925824	13042298	0.88	cps
Thallium	203-1	2444	2147	1593	2061	20.93	cps
Thallium	205-1	6091	4884	4054	5010	20.45	cps
Tin	118-1	5594	4931	4617	5048	9.88	cps
Titanium	47-1	2627	2254	1710	2197	20.99	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:46:54	DataFile Name :	164CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5955	4781	3831	4855	21.91	cps
Vanadium	51-2	273	217	150	213	28.94	cps
Yttrium	89-1	16612667	16600065	16833673	16682135	0.79	cps
Yttrium	89-2	4658769	4721956	4721613	4700779	0.77	cps
Zinc	66-2	1547	1323	1177	1349	13.81	cps
Zirconium	90-1	5024	4337	3794	4385	14.06	cps
Zirconium	91-1	1200	1053	793	1016	20.28	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-15	Instrumnet Name :	P7
Client Sample ID :	MYCZA3	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:50:11	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15043559	15300136	15042824	15128840	0.98	cps
Antimony	121-1	3077	2994	3054	3041	1.41	cps
Arsenic	75-2	55296	56199	55650	55715	0.82	cps
Barium	135-1	1299736	1293209	1287233	1293392	0.48	cps
Barium	137-1	2307105	2246413	2299458	2284325	1.45	cps
Beryllium	9-1	1893	2030	1893	1939	4.07	cps
Bismuth	209-1	11650953	11577653	11378024	11535543	1.22	cps
Bismuth	209-2	10029823	9840684	9799871	9890126	1.24	cps
Bromine	81-1	16616	16112	16629	16453	1.79	cps
Bromine	81-2	720	753	693	722	4.16	cps
Cadmium	108-1	773	760	680	738	6.84	cps
Cadmium	106-1	6405	6558	6225	6396	2.61	cps
Cadmium	111-1	10103	9770	10003	9959	1.72	cps
Calcium	43-1	1001872	1004610	1000774	1002419	0.20	cps
Calcium	44-1	15899348	15865578	15752084	15839003	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	678906	682393	674339	678546	0.60	cps
Cobalt	59-2	592286	591775	591922	591994	0.04	cps
Copper	63-2	1967858	1974706	1947934	1963499	0.71	cps
Dysprosium	156-1	131405	130815	130849	131023	0.25	cps
Dysprosium	156-2	116430	117465	115553	116483	0.82	cps
Erbium	164-1	120083	120386	117731	119400	1.22	cps
Erbium	164-2	87559	88391	88045	87998	0.48	cps
Gadolinium	160-1	129340	127753	127342	128145	0.82	cps
Gadolinium	160-2	97489	98748	97922	98053	0.65	cps
Holmium	165-1	19402855	19230735	18992696	19208762	1.07	cps
Holmium	165-2	14132527	14086546	14127227	14115434	0.18	cps
Indium	115-1	15710629	15599551	15393675	15567952	1.03	cps
Indium	115-2	5737320	5710023	5804248	5750530	0.84	cps
Iron	56-2	598763351	606428338	605862138	603684609	0.71	cps
Iron	57-2	15020220	15031154	15063999	15038457	0.15	cps
Iron	54-2	32754212	32605534	32328904	32562883	0.66	cps
Krypton	83-1	467	417	390	424	9.17	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-15	Instrumnet Name :	P7
Client Sample ID :	MYCZA3	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:50:11	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	730765	721898	725676	726113	0.61	cps
Lead	207-1	619900	618608	613593	617367	0.54	cps
Lead	208-1	2254884	2255938	2235110	2248644	0.52	cps
Lithium	6-1	1931477	1923099	1927609	1927395	0.22	cps
Magnesium	24-2	13869619	13931301	13875059	13891993	0.25	cps
Manganese	55-2	11116278	11164798	11128907	11136661	0.23	cps
Molybdenum	94-1	123361	124100	122302	123254	0.73	cps
Molybdenum	95-1	7916	7565	7749	7743	2.26	cps
Molybdenum	96-1	34484	33418	33936	33946	1.57	cps
Molybdenum	97-1	4928	4898	5048	4958	1.60	cps
Molybdenum	98-1	11872	12149	11515	11845	2.68	cps
Neodymium	150-1	219603	215654	216493	217250	0.96	cps
Neodymium	150-2	135534	134380	134925	134946	0.43	cps
Nickel	60-2	205792	205666	205068	205509	0.19	cps
Phosphorus	31-2	51824	51493	51637	51651	0.32	cps
Potassium	39-2	7779077	7780575	7668644	7742765	0.83	cps
Rhodium	103-1	14514785	14666760	14379092	14520213	0.99	cps
Rhodium	103-2	8785167	8709689	8740568	8745141	0.43	cps
Scandium	45-1	9107138	9012277	8827587	8982334	1.58	cps
Scandium	45-2	750279	752757	751904	751646	0.17	cps
Selenium	82-1	1121	1193	1144	1153	3.20	cps
Selenium	77-2	373	403	383	387	3.95	cps
Selenium	78-2	1023	877	857	919	9.90	cps
Silicon	28-1	7775782	7857641	7660807	7764743	1.27	cps
Silver	107-1	8769	8589	8766	8708	1.18	cps
Silver	109-1	8276	7842	8246	8121	2.98	cps
Sodium	23-2	288864	289942	290347	289718	0.26	cps
Strontium	86-1	423307	424947	421896	423383	0.36	cps
Strontium	88-1	3786537	3779642	3776421	3780867	0.14	cps
Sulfur	34-1	221860	217258	214852	217990	1.63	cps
Terbium	159-1	20043621	19584542	19428918	19685694	1.62	cps
Terbium	159-2	13928271	13767597	13734756	13810208	0.75	cps
Thallium	203-1	5434	5371	5404	5403	0.59	cps
Thallium	205-1	12452	12533	12669	12551	0.87	cps
Tin	118-1	9667	9593	9667	9642	0.44	cps
Titanium	47-1	1706181	1709416	1698405	1704668	0.33	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-15	Instrumnet Name :	P7
Client Sample ID :	MYCZA3	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:50:11	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46163	46514	45805	46161	0.77	cps
Vanadium	51-2	1174815	1178033	1179138	1177329	0.19	cps
Yttrium	89-1	20451527	20394617	20126873	20324339	0.85	cps
Yttrium	89-2	5516287	5526036	5447085	5496469	0.78	cps
Zinc	66-2	327664	328783	330491	328979	0.43	cps
Zirconium	90-1	320415	322132	320185	320911	0.33	cps
Zirconium	91-1	72589	71727	70538	71618	1.44	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-16	Instrumnet Name :	P7
Client Sample ID :	MYCZA4	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:53:20	DataFile Name :	166SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15344217	15346124	15335543	15341961	0.04	cps
Antimony	121-1	3277	3631	3410	3439	5.19	cps
Arsenic	75-2	87298	85692	85783	86258	1.05	cps
Barium	135-1	1299580	1290146	1285982	1291903	0.54	cps
Barium	137-1	2302470	2257062	2270423	2276652	1.03	cps
Beryllium	9-1	1970	2067	1873	1970	4.91	cps
Bismuth	209-1	11622066	11508495	11466434	11532331	0.70	cps
Bismuth	209-2	10010593	10037648	9959353	10002531	0.40	cps
Bromine	81-1	16960	17410	17801	17390	2.42	cps
Bromine	81-2	790	783	720	764	5.05	cps
Cadmium	108-1	967	993	870	943	6.88	cps
Cadmium	106-1	6568	6602	6435	6535	1.35	cps
Cadmium	111-1	14001	13836	13752	13863	0.91	cps
Calcium	43-1	1117713	1109869	1101786	1109789	0.72	cps
Calcium	44-1	17555658	17485214	17300871	17447248	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	683025	680565	675641	679744	0.55	cps
Cobalt	59-2	604976	598887	600553	601472	0.52	cps
Copper	63-2	3386860	3356280	3324761	3355967	0.93	cps
Dysprosium	156-1	131027	130903	129497	130476	0.65	cps
Dysprosium	156-2	115379	114219	114976	114858	0.51	cps
Erbium	164-1	118598	118097	117868	118188	0.32	cps
Erbium	164-2	87505	86975	84993	86491	1.53	cps
Gadolinium	160-1	128684	127012	125957	127217	1.08	cps
Gadolinium	160-2	96476	96130	97298	96635	0.62	cps
Holmium	165-1	19521236	19394429	19025560	19313742	1.33	cps
Holmium	165-2	14201115	14244216	14112034	14185789	0.48	cps
Indium	115-1	16005799	15740100	15496646	15747515	1.62	cps
Indium	115-2	5846924	5913133	5757515	5839191	1.34	cps
Iron	56-2	615078991	613750844	609074978	612634938	0.51	cps
Iron	57-2	15442258	15120658	15095173	15219363	1.27	cps
Iron	54-2	33321886	33016802	32810196	33049628	0.78	cps
Krypton	83-1	427	437	433	432	1.18	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-16	Instrumnet Name :	P7
Client Sample ID :	MYCZA4	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:53:20	DataFile Name :	166SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1145976	1144771	1120519	1137089	1.26	cps
Lead	207-1	978005	972954	967200	972720	0.56	cps
Lead	208-1	3651218	3613713	3583507	3616146	0.94	cps
Lithium	6-1	1923709	1928799	1873471	1908660	1.60	cps
Magnesium	24-2	13851557	13711499	13764722	13775926	0.51	cps
Manganese	55-2	11305887	11243220	11263464	11270857	0.28	cps
Molybdenum	94-1	115803	114611	113482	114632	1.01	cps
Molybdenum	95-1	7385	7385	7425	7399	0.31	cps
Molybdenum	96-1	32994	32827	33201	33007	0.57	cps
Molybdenum	97-1	4714	4654	4561	4643	1.66	cps
Molybdenum	98-1	11528	11651	11521	11567	0.63	cps
Neodymium	150-1	215282	212740	211419	213147	0.92	cps
Neodymium	150-2	134951	134121	133485	134186	0.55	cps
Nickel	60-2	206292	207586	206144	206674	0.38	cps
Phosphorus	31-2	45163	44799	44785	44916	0.48	cps
Potassium	39-2	6832505	6786049	6685293	6767949	1.11	cps
Rhodium	103-1	14687042	14657987	14431026	14592018	0.96	cps
Rhodium	103-2	8929510	8964705	8869103	8921106	0.54	cps
Scandium	45-1	9199925	9053156	9007148	9086743	1.11	cps
Scandium	45-2	766873	762521	758525	762640	0.55	cps
Selenium	82-1	1219	1227	1231	1226	0.49	cps
Selenium	77-2	423	343	403	390	10.68	cps
Selenium	78-2	833	957	840	877	7.91	cps
Silicon	28-1	5970683	5960897	5891651	5941077	0.73	cps
Silver	107-1	15639	15999	16012	15883	1.33	cps
Silver	109-1	15028	14834	14951	14938	0.65	cps
Sodium	23-2	293544	291356	287522	290807	1.05	cps
Strontium	86-1	468665	468764	467281	468237	0.18	cps
Strontium	88-1	4107443	4137050	4106151	4116881	0.42	cps
Sulfur	34-1	205820	206303	205790	205971	0.14	cps
Terbium	159-1	19841881	19842914	19569633	19751476	0.80	cps
Terbium	159-2	14040689	14017274	14185234	14081066	0.65	cps
Thallium	203-1	5431	5268	5638	5446	3.41	cps
Thallium	205-1	13410	13537	13397	13448	0.58	cps
Tin	118-1	10390	10871	9990	10417	4.23	cps
Titanium	47-1	1902888	1869019	1862894	1878267	1.15	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-16	Instrumnet Name :	P7
Client Sample ID :	MYCZA4	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:53:20	DataFile Name :	166SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53072	52764	52587	52808	0.46	cps
Vanadium	51-2	1183738	1166980	1165877	1172198	0.85	cps
Yttrium	89-1	20742518	20356910	20140078	20413168	1.49	cps
Yttrium	89-2	5619332	5532067	5534268	5561889	0.89	cps
Zinc	66-2	406845	408475	406784	407368	0.24	cps
Zirconium	90-1	299083	300388	299127	299533	0.25	cps
Zirconium	91-1	66513	66098	67387	66666	0.99	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-17	Instrumnet Name :	P7
Client Sample ID :	MYCZA5	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:56:23	DataFile Name :	167SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16655508	16497390	16406776	16519891	0.76	cps
Antimony	121-1	1913	1643	1527	1695	11.71	cps
Arsenic	75-2	57799	56641	56253	56897	1.41	cps
Barium	135-1	966084	959029	948202	957772	0.94	cps
Barium	137-1	1686371	1673235	1667877	1675828	0.57	cps
Beryllium	9-1	1730	1607	1513	1617	6.72	cps
Bismuth	209-1	11750496	11419128	11236316	11468647	2.27	cps
Bismuth	209-2	9983287	9764345	9792733	9846788	1.21	cps
Bromine	81-1	16312	16269	16122	16235	0.61	cps
Bromine	81-2	537	583	477	532	10.05	cps
Cadmium	108-1	447	477	503	476	5.96	cps
Cadmium	106-1	6165	5768	5708	5880	4.22	cps
Cadmium	111-1	8663	8375	7960	8333	4.24	cps
Calcium	43-1	993067	981845	973739	982884	0.99	cps
Calcium	44-1	15737306	15399619	15343818	15493581	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	826596	821269	819180	822348	0.46	cps
Cobalt	59-2	688804	677233	676262	680766	1.03	cps
Copper	63-2	2018918	2031084	1996662	2015555	0.87	cps
Dysprosium	156-1	110994	111051	108035	110026	1.57	cps
Dysprosium	156-2	95411	94230	94347	94662	0.69	cps
Erbium	164-1	104118	102905	101213	102745	1.42	cps
Erbium	164-2	75204	75398	74501	75034	0.63	cps
Gadolinium	160-1	107885	106554	106396	106945	0.76	cps
Gadolinium	160-2	82105	82420	81733	82086	0.42	cps
Holmium	165-1	19663980	19389434	19162947	19405454	1.29	cps
Holmium	165-2	14258590	14104370	14121336	14161432	0.60	cps
Indium	115-1	16064891	15918200	15660549	15881213	1.29	cps
Indium	115-2	5908591	5760914	5765977	5811828	1.44	cps
Iron	56-2	657897857	657343417	652706884	655982719	0.43	cps
Iron	57-2	16311236	16234259	16101942	16215812	0.65	cps
Iron	54-2	35386412	35279644	35006255	35224104	0.56	cps
Krypton	83-1	427	447	420	431	3.22	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-17	Instrumnet Name :	P7
Client Sample ID :	MYCZA5	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:56:23	DataFile Name :	167SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	516093	512685	510449	513076	0.55	cps
Lead	207-1	437529	435457	435403	436130	0.28	cps
Lead	208-1	1585139	1582184	1565434	1577585	0.67	cps
Lithium	6-1	1980879	1917045	1881903	1926609	2.60	cps
Magnesium	24-2	16567891	16599864	16494602	16554119	0.33	cps
Manganese	55-2	11759115	11768571	11596018	11707901	0.83	cps
Molybdenum	94-1	84636	84653	81827	83705	1.94	cps
Molybdenum	95-1	6181	6258	6155	6198	0.87	cps
Molybdenum	96-1	26985	26768	26307	26687	1.30	cps
Molybdenum	97-1	3844	3824	3731	3799	1.59	cps
Molybdenum	98-1	9330	9456	9160	9315	1.60	cps
Neodymium	150-1	175936	174674	172987	174532	0.85	cps
Neodymium	150-2	108217	109464	106995	108226	1.14	cps
Nickel	60-2	235598	231699	232329	233209	0.90	cps
Phosphorus	31-2	36757	36968	36975	36900	0.33	cps
Potassium	39-2	4892176	4889680	4907496	4896451	0.20	cps
Rhodium	103-1	15004291	14694569	14522294	14740385	1.66	cps
Rhodium	103-2	8980934	8840662	8753814	8858470	1.29	cps
Scandium	45-1	9504351	9206960	9134955	9282089	2.11	cps
Scandium	45-2	780509	770431	765742	772227	0.98	cps
Selenium	82-1	1130	937	1070	1046	9.44	cps
Selenium	77-2	330	310	373	338	9.58	cps
Selenium	78-2	743	783	687	738	6.58	cps
Silicon	28-1	5009726	4247642	4292304	4516557	9.47	cps
Silver	107-1	7409	7402	7429	7413	0.19	cps
Silver	109-1	7105	7002	6865	6991	1.72	cps
Sodium	23-2	250312	244965	245107	246795	1.23	cps
Strontium	86-1	374958	372237	368388	371861	0.89	cps
Strontium	88-1	3373587	3346864	3265824	3328758	1.69	cps
Sulfur	34-1	194474	192685	192334	193164	0.59	cps
Terbium	159-1	20055939	19691083	19610154	19785725	1.20	cps
Terbium	159-2	14130368	13823026	13875940	13943111	1.18	cps
Thallium	203-1	4264	4411	4281	4319	1.86	cps
Thallium	205-1	10164	10401	10207	10257	1.23	cps
Tin	118-1	8930	8553	8950	8811	2.54	cps
Titanium	47-1	1988875	2003143	1998212	1996743	0.36	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-17	Instrumnet Name :	P7
Client Sample ID :	MYCZA5	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:56:23	DataFile Name :	167SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39020	38405	38359	38595	0.96	cps
Vanadium	51-2	1378254	1356808	1365765	1366942	0.79	cps
Yttrium	89-1	20810383	20436595	20214284	20487087	1.47	cps
Yttrium	89-2	5618876	5539615	5421214	5526568	1.80	cps
Zinc	66-2	287917	287931	285730	287193	0.44	cps
Zirconium	90-1	216418	216180	215379	215992	0.25	cps
Zirconium	91-1	48567	48593	47757	48306	0.98	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-18	Instrumnet Name :	P7
Client Sample ID :	MYCZA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:59:30	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18816848	18899047	18780828	18832241	0.32	cps
Antimony	121-1	2497	2660	2347	2501	6.27	cps
Arsenic	75-2	73203	72680	71170	72351	1.46	cps
Barium	135-1	1188621	1178111	1176676	1181136	0.55	cps
Barium	137-1	2115448	2098500	2073002	2095650	1.02	cps
Beryllium	9-1	1997	1957	2000	1985	1.22	cps
Bismuth	209-1	11540046	11510077	11241643	11430589	1.44	cps
Bismuth	209-2	9832838	9828508	9866699	9842682	0.21	cps
Bromine	81-1	16886	17070	16870	16942	0.66	cps
Bromine	81-2	590	500	570	553	8.54	cps
Cadmium	108-1	617	670	613	633	5.02	cps
Cadmium	106-1	6245	6155	6128	6176	0.99	cps
Cadmium	111-1	9968	10047	10042	10019	0.44	cps
Calcium	43-1	1237749	1234520	1187590	1219953	2.30	cps
Calcium	44-1	19750816	19782425	19460165	19664469	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	904676	901670	900280	902209	0.25	cps
Cobalt	59-2	855552	849637	848682	851290	0.44	cps
Copper	63-2	2674079	2655418	2661202	2663566	0.36	cps
Dysprosium	156-1	128528	127337	126655	127506	0.74	cps
Dysprosium	156-2	110672	109311	110295	110093	0.64	cps
Erbium	164-1	121082	119444	119468	119998	0.78	cps
Erbium	164-2	89615	87176	87042	87944	1.65	cps
Gadolinium	160-1	125792	125643	124608	125348	0.51	cps
Gadolinium	160-2	95626	94734	95529	95297	0.51	cps
Holmium	165-1	19809564	19307597	19104843	19407335	1.87	cps
Holmium	165-2	14062470	13968966	13932708	13988048	0.48	cps
Indium	115-1	15932603	15607336	15661858	15733932	1.11	cps
Indium	115-2	5793478	5671728	5708391	5724533	1.09	cps
Iron	56-2	746397322	745668762	740305109	744123731	0.45	cps
Iron	57-2	18595465	18581480	18440331	18539092	0.46	cps
Iron	54-2	40411253	40224098	40108194	40247848	0.38	cps
Krypton	83-1	473	443	460	459	3.28	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-18	Instrumnet Name :	P7
Client Sample ID :	MYCZA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:59:30	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	702365	708519	701156	704013	0.56	cps
Lead	207-1	607841	601439	597381	602220	0.88	cps
Lead	208-1	2189826	2181055	2173554	2181478	0.37	cps
Lithium	6-1	1922659	1880178	1855043	1885960	1.81	cps
Magnesium	24-2	18705888	18788664	18682855	18725802	0.30	cps
Manganese	55-2	14714804	14715640	14648129	14692857	0.26	cps
Molybdenum	94-1	102670	103949	102388	103002	0.81	cps
Molybdenum	95-1	7379	7322	7339	7346	0.40	cps
Molybdenum	96-1	32436	31661	31364	31820	1.74	cps
Molybdenum	97-1	4697	4481	4451	4543	2.96	cps
Molybdenum	98-1	11214	10964	11288	11155	1.52	cps
Neodymium	150-1	204802	203395	202296	203498	0.62	cps
Neodymium	150-2	126320	124278	124437	125012	0.91	cps
Nickel	60-2	269294	267950	267350	268198	0.37	cps
Phosphorus	31-2	41018	41412	40510	40980	1.10	cps
Potassium	39-2	6029177	6014115	5997567	6013620	0.26	cps
Rhodium	103-1	14944901	14614055	14385654	14648203	1.92	cps
Rhodium	103-2	8837293	8742182	8797993	8792489	0.54	cps
Scandium	45-1	9502879	9388567	9160853	9350767	1.86	cps
Scandium	45-2	772977	766219	762613	767270	0.69	cps
Selenium	82-1	1062	1070	1000	1044	3.66	cps
Selenium	77-2	380	413	320	371	12.75	cps
Selenium	78-2	783	767	813	788	3.00	cps
Silicon	28-1	4875846	4131533	3324974	4110784	18.87	cps
Silver	107-1	11008	10851	10697	10852	1.43	cps
Silver	109-1	10170	10177	10094	10147	0.46	cps
Sodium	23-2	266898	267427	263152	265826	0.88	cps
Strontium	86-1	452862	446913	443008	447595	1.11	cps
Strontium	88-1	3973494	3981580	3934039	3963038	0.64	cps
Sulfur	34-1	198123	195005	195868	196332	0.82	cps
Terbium	159-1	20274953	19918886	19809753	20001197	1.22	cps
Terbium	159-2	13979983	13734737	13827777	13847499	0.89	cps
Thallium	203-1	5188	4961	5101	5083	2.25	cps
Thallium	205-1	12029	12072	12039	12047	0.19	cps
Tin	118-1	11425	11318	11231	11325	0.86	cps
Titanium	47-1	2307160	2328440	2230936	2288845	2.24	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-18	Instrumnet Name :	P7
Client Sample ID :	MYCZA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 21:59:30	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44120	44190	43959	44090	0.27	cps
Vanadium	51-2	1533991	1534030	1523859	1530627	0.38	cps
Yttrium	89-1	20827256	20623496	20366496	20605749	1.12	cps
Yttrium	89-2	5515570	5511119	5448829	5491839	0.68	cps
Zinc	66-2	339625	340487	340003	340039	0.13	cps
Zirconium	90-1	267393	266637	262982	265671	0.89	cps
Zirconium	91-1	59275	59771	58640	59229	0.96	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-19	Instrumnet Name :	P7
Client Sample ID :	MYCZA7	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 22:02:32	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26000617	25985429	25920405	25968817	0.16	cps
Antimony	121-1	3000	2967	3090	3019	2.11	cps
Arsenic	75-2	87030	87496	87607	87377	0.35	cps
Barium	135-1	779556	776534	769653	775248	0.65	cps
Barium	137-1	1362642	1348501	1340842	1350662	0.82	cps
Beryllium	9-1	1553	1470	1520	1515	2.77	cps
Bismuth	209-1	11286285	11083118	11015646	11128350	1.27	cps
Bismuth	209-2	9316367	9911423	9627423	9618404	3.09	cps
Bromine	81-1	16466	16516	16049	16344	1.57	cps
Bromine	81-2	543	483	477	501	7.33	cps
Cadmium	108-1	583	520	503	536	7.88	cps
Cadmium	106-1	6068	6228	5638	5978	5.11	cps
Cadmium	111-1	8970	8590	8218	8593	4.38	cps
Calcium	43-1	1907411	1848745	1861821	1872659	1.64	cps
Calcium	44-1	30383706	30186625	29893937	30154756	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1472293	1416697	1456061	1448350	1.97	cps
Cobalt	59-2	1265858	1265232	1258131	1263073	0.34	cps
Copper	63-2	3472917	3413240	3440264	3442140	0.87	cps
Dysprosium	156-1	101090	99160	99204	99818	1.10	cps
Dysprosium	156-2	84435	84136	84193	84255	0.19	cps
Erbium	164-1	111067	108997	107775	109280	1.52	cps
Erbium	164-2	79541	79538	79374	79484	0.12	cps
Gadolinium	160-1	102982	103307	101772	102687	0.79	cps
Gadolinium	160-2	77161	78760	77878	77933	1.03	cps
Holmium	165-1	19440371	18975539	18869873	19095261	1.59	cps
Holmium	165-2	13561647	14244407	13941096	13915717	2.46	cps
Indium	115-1	15523876	15283428	15149107	15318804	1.24	cps
Indium	115-2	5577730	5778164	5661800	5672565	1.77	cps
Iron	56-2	1030836278	1032359905	1021921851	1028372678	0.55	cps
Iron	57-2	25512585	25661680	25474389	25549551	0.39	cps
Iron	54-2	55799014	55724669	55413976	55645886	0.37	cps
Krypton	83-1	417	453	483	451	7.40	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-19	Instrumnet Name :	P7
Client Sample ID :	MYCZA7	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 22:02:32	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	495587	493480	491010	493359	0.46	cps
Lead	207-1	425936	418883	415538	420119	1.26	cps
Lead	208-1	1537206	1522594	1514646	1524815	0.75	cps
Lithium	6-1	1933888	1926399	1883757	1914681	1.41	cps
Magnesium	24-2	29746259	29496045	29359097	29533800	0.66	cps
Manganese	55-2	20908823	20780859	20698924	20796202	0.51	cps
Molybdenum	94-1	82490	82175	80788	81818	1.11	cps
Molybdenum	95-1	8609	8212	8302	8375	2.48	cps
Molybdenum	96-1	32376	31544	31638	31852	1.43	cps
Molybdenum	97-1	5064	4924	5034	5008	1.47	cps
Molybdenum	98-1	12042	12032	11962	12012	0.36	cps
Neodymium	150-1	139862	140118	137446	139142	1.06	cps
Neodymium	150-2	86751	86490	86124	86455	0.36	cps
Nickel	60-2	414333	409681	412192	412069	0.57	cps
Phosphorus	31-2	32718	32474	32307	32500	0.64	cps
Potassium	39-2	3605575	3623135	3617979	3615563	0.25	cps
Rhodium	103-1	14371829	14226065	13939748	14179214	1.55	cps
Rhodium	103-2	8436917	8770710	8640754	8616127	1.95	cps
Scandium	45-1	9564835	9474263	9361758	9466952	1.07	cps
Scandium	45-2	769995	802026	789535	787185	2.05	cps
Selenium	82-1	1106	936	954	999	9.35	cps
Selenium	77-2	337	320	280	312	9.33	cps
Selenium	78-2	777	707	840	774	8.61	cps
Silicon	28-1	6446689	6433157	6736819	6538888	2.62	cps
Silver	107-1	8306	8042	8109	8152	1.68	cps
Silver	109-1	7729	7335	7499	7521	2.63	cps
Sodium	23-2	210688	210503	207677	209623	0.81	cps
Strontium	86-1	423574	425232	421584	423464	0.43	cps
Strontium	88-1	3773738	3759412	3712492	3748547	0.85	cps
Sulfur	34-1	198802	198312	197137	198084	0.43	cps
Terbium	159-1	19651782	19411531	19363688	19475667	0.79	cps
Terbium	159-2	13379776	13915146	13862552	13719158	2.15	cps
Thallium	203-1	3714	3794	3934	3814	2.92	cps
Thallium	205-1	9183	8970	9257	9136	1.63	cps
Tin	118-1	11671	11952	12035	11886	1.60	cps
Titanium	47-1	3290135	3298296	3225019	3271150	1.23	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-19	Instrumnet Name :	P7
Client Sample ID :	MYCZA7	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 22:02:32	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29710	29793	29580	29694	0.36	cps
Vanadium	51-2	2322987	2342664	2334298	2333316	0.42	cps
Yttrium	89-1	20239520	20310042	20038076	20195879	0.70	cps
Yttrium	89-2	5335025	5492274	5459361	5428887	1.53	cps
Zinc	66-2	339411	339502	339707	339540	0.04	cps
Zirconium	90-1	208255	209073	204321	207217	1.23	cps
Zirconium	91-1	46259	45621	45784	45888	0.72	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:13:27	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3310536	3355216	3239668	3301807	1.76	cps
Antimony	121-1	3080	2827	3287	3065	7.52	cps
Arsenic	75-2	16966	17260	17187	17138	0.89	cps
Barium	135-1	514212	516463	517952	516209	0.36	cps
Barium	137-1	888124	896600	891618	892114	0.48	cps
Beryllium	9-1	663	753	707	708	6.36	cps
Bismuth	209-1	10870649	10895873	10937726	10901416	0.31	cps
Bismuth	209-2	9584134	9581803	9638370	9601436	0.33	cps
Bromine	81-1	16189	16539	16429	16386	1.09	cps
Bromine	81-2	527	463	440	477	9.41	cps
Cadmium	108-1	230	287	220	246	14.64	cps
Cadmium	106-1	4174	4394	4237	4268	2.65	cps
Cadmium	111-1	5154	5389	5259	5267	2.23	cps
Calcium	43-1	271635	272567	271692	271965	0.19	cps
Calcium	44-1	4282617	4294531	4267285	4281478	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103972	103244	104006	103740	0.42	cps
Cobalt	59-2	89284	88975	88653	88970	0.35	cps
Copper	63-2	436095	434583	437855	436178	0.38	cps
Dysprosium	156-1	36100	37376	37323	36933	1.96	cps
Dysprosium	156-2	33974	34228	34215	34139	0.42	cps
Erbium	164-1	30734	30897	31786	31139	1.82	cps
Erbium	164-2	23286	22956	23299	23180	0.84	cps
Gadolinium	160-1	34990	36123	35441	35518	1.61	cps
Gadolinium	160-2	28609	28355	27958	28307	1.16	cps
Holmium	165-1	18383804	18055883	18134174	18191287	0.94	cps
Holmium	165-2	13708946	13525751	13447536	13560745	0.99	cps
Indium	115-1	15174563	14885387	14920915	14993622	1.05	cps
Indium	115-2	5702411	5656965	5620662	5660013	0.72	cps
Iron	56-2	115856412	114822215	114925908	115201512	0.49	cps
Iron	57-2	2863855	2876030	2857123	2865669	0.33	cps
Iron	54-2	6223547	6257518	6259434	6246833	0.32	cps
Krypton	83-1	283	283	373	313	16.58	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:13:27	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	651544	666470	657363	658459	1.14	cps
Lead	207-1	572063	577092	577694	575616	0.54	cps
Lead	208-1	2071625	2082136	2092351	2082037	0.50	cps
Lithium	6-1	1808759	1754032	1760192	1774328	1.69	cps
Magnesium	24-2	2472509	2481150	2474864	2476174	0.18	cps
Manganese	55-2	2398703	2366573	2377252	2380842	0.69	cps
Molybdenum	94-1	36509	36128	36642	36426	0.73	cps
Molybdenum	95-1	1873	1977	1993	1948	3.34	cps
Molybdenum	96-1	9443	9480	9256	9393	1.28	cps
Molybdenum	97-1	1147	1180	1243	1190	4.13	cps
Molybdenum	98-1	3047	3147	3014	3069	2.26	cps
Neodymium	150-1	65283	66315	67423	66341	1.61	cps
Neodymium	150-2	42297	41350	41651	41766	1.16	cps
Nickel	60-2	50568	50020	50160	50249	0.57	cps
Phosphorus	31-2	12405	12268	12509	12394	0.97	cps
Potassium	39-2	2265148	2261949	2235832	2254309	0.71	cps
Rhodium	103-1	14413814	14259014	14085881	14252903	1.15	cps
Rhodium	103-2	8658001	8556135	8612560	8608899	0.59	cps
Scandium	45-1	8530168	8469571	8340362	8446700	1.15	cps
Scandium	45-2	703436	707781	703807	705008	0.34	cps
Selenium	82-1	896	847	770	838	7.58	cps
Selenium	77-2	93	100	120	104	13.29	cps
Selenium	78-2	663	583	667	638	7.40	cps
Silicon	28-1	6826277	6775709	6833517	6811834	0.46	cps
Silver	107-1	3951	4084	4081	4038	1.88	cps
Silver	109-1	3787	3594	3747	3709	2.75	cps
Sodium	23-2	58955	58079	58895	58643	0.83	cps
Strontium	86-1	171752	172753	172710	172405	0.33	cps
Strontium	88-1	1558518	1515810	1538195	1537508	1.39	cps
Sulfur	34-1	204090	197998	195064	199051	2.31	cps
Terbium	159-1	18915780	18666741	18303688	18628737	1.65	cps
Terbium	159-2	13295711	13399436	13398704	13364617	0.45	cps
Thallium	203-1	1663	1807	1907	1792	6.82	cps
Thallium	205-1	3717	4101	4397	4072	8.38	cps
Tin	118-1	131863	134591	133054	133170	1.03	cps
Titanium	47-1	230900	229991	228662	229851	0.49	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:13:27	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10364	10601	10531	10499	1.16	cps
Vanadium	51-2	167889	166803	165359	166684	0.76	cps
Yttrium	89-1	18624969	18480827	18295995	18467264	0.89	cps
Yttrium	89-2	5030536	5049072	4968507	5016038	0.84	cps
Zinc	66-2	196022	195347	194446	195272	0.40	cps
Zirconium	90-1	94595	95269	95686	95183	0.58	cps
Zirconium	91-1	21489	21366	21346	21400	0.36	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:16:35	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3281284	3196934	3217348	3231856	1.36	cps
Antimony	121-1	2637	2634	2600	2624	0.77	cps
Arsenic	75-2	16643	17043	16579	16755	1.50	cps
Barium	135-1	497415	502294	500856	500188	0.50	cps
Barium	137-1	857613	861792	867263	862223	0.56	cps
Beryllium	9-1	737	727	690	718	3.42	cps
Bismuth	209-1	10818702	10893292	10661925	10791306	1.09	cps
Bismuth	209-2	9510855	9403174	9347293	9420441	0.88	cps
Bromine	81-1	15672	15702	16189	15854	1.83	cps
Bromine	81-2	443	483	440	456	5.29	cps
Cadmium	108-1	233	213	240	229	6.06	cps
Cadmium	106-1	4641	4607	4527	4592	1.27	cps
Cadmium	111-1	5319	5483	5275	5359	2.05	cps
Calcium	43-1	262789	268152	263586	264842	1.09	cps
Calcium	44-1	4130463	4158316	4118238	4135672	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100317	100586	99240	100048	0.71	cps
Cobalt	59-2	88650	87788	87506	87981	0.68	cps
Copper	63-2	406639	401501	401311	403150	0.75	cps
Dysprosium	156-1	36501	36090	36892	36494	1.10	cps
Dysprosium	156-2	33493	33857	33984	33778	0.75	cps
Erbium	164-1	31071	31298	31008	31126	0.49	cps
Erbium	164-2	22705	22979	22842	22842	0.60	cps
Gadolinium	160-1	35348	35311	35558	35406	0.38	cps
Gadolinium	160-2	28325	27868	27985	28059	0.85	cps
Holmium	165-1	18074679	17852137	17698699	17875172	1.06	cps
Holmium	165-2	13307156	13196247	13162429	13221944	0.57	cps
Indium	115-1	14908862	14897030	14735289	14847060	0.65	cps
Indium	115-2	5616402	5500208	5553143	5556584	1.05	cps
Iron	56-2	112606268	113388455	111994018	112662914	0.62	cps
Iron	57-2	2805846	2790895	2804435	2800392	0.29	cps
Iron	54-2	6137107	6131554	6154708	6141123	0.20	cps
Krypton	83-1	340	327	297	321	6.91	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:16:35	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	615514	624208	618222	619315	0.72	cps
Lead	207-1	540829	547057	540232	542706	0.70	cps
Lead	208-1	1953748	1958870	1950876	1954498	0.21	cps
Lithium	6-1	1788070	1786442	1744657	1773056	1.39	cps
Magnesium	24-2	2468943	2451922	2421459	2447442	0.98	cps
Manganese	55-2	2328453	2358973	2308859	2332095	1.08	cps
Molybdenum	94-1	36051	36586	36860	36499	1.13	cps
Molybdenum	95-1	1780	1870	2030	1893	6.69	cps
Molybdenum	96-1	8980	9320	9096	9132	1.89	cps
Molybdenum	97-1	1180	1243	1200	1208	2.68	cps
Molybdenum	98-1	3034	2957	3087	3026	2.16	cps
Neodymium	150-1	65129	65866	65069	65355	0.68	cps
Neodymium	150-2	42143	41330	41748	41740	0.97	cps
Nickel	60-2	46585	46224	45883	46231	0.76	cps
Phosphorus	31-2	11928	12162	12142	12077	1.07	cps
Potassium	39-2	2203021	2201307	2186892	2197073	0.40	cps
Rhodium	103-1	13971873	14181220	14031385	14061493	0.77	cps
Rhodium	103-2	8597050	8565995	8427600	8530215	1.06	cps
Scandium	45-1	8209863	8222532	8262893	8231763	0.34	cps
Scandium	45-2	702857	698169	691411	697479	0.82	cps
Selenium	82-1	836	784	718	780	7.61	cps
Selenium	77-2	143	97	87	109	27.78	cps
Selenium	78-2	643	650	613	636	3.07	cps
Silicon	28-1	6722848	6771229	6779962	6758013	0.46	cps
Silver	107-1	4224	3894	4204	4107	4.51	cps
Silver	109-1	3651	3847	3634	3711	3.20	cps
Sodium	23-2	58119	57035	56711	57288	1.29	cps
Strontium	86-1	166439	168461	167669	167523	0.61	cps
Strontium	88-1	1482175	1503346	1462528	1482683	1.38	cps
Sulfur	34-1	187684	187181	184425	186430	0.94	cps
Terbium	159-1	18312213	18416763	18267185	18332054	0.42	cps
Terbium	159-2	13185547	12996087	13263584	13148406	1.05	cps
Thallium	203-1	1727	1657	1950	1778	8.62	cps
Thallium	205-1	4134	4221	4414	4256	3.37	cps
Tin	118-1	110970	112420	111581	111657	0.65	cps
Titanium	47-1	218025	218829	219901	218918	0.43	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:16:35	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10287	10337	10201	10275	0.67	cps
Vanadium	51-2	162295	160860	161402	161519	0.45	cps
Yttrium	89-1	18132209	18103143	17975058	18070136	0.46	cps
Yttrium	89-2	5043480	4974164	4917612	4978419	1.27	cps
Zinc	66-2	185271	185173	184545	184996	0.21	cps
Zirconium	90-1	95176	96796	95169	95714	0.98	cps
Zirconium	91-1	21573	21306	21155	21345	0.99	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:19:44	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	635934	632910	636067	634970	0.28	cps
Antimony	121-1	670	620	577	622	7.51	cps
Arsenic	75-2	3464	3597	3280	3447	4.61	cps
Barium	135-1	101123	100303	100783	100736	0.41	cps
Barium	137-1	174159	174811	173663	174211	0.33	cps
Beryllium	9-1	187	160	167	171	8.11	cps
Bismuth	209-1	10621175	10688148	10867132	10725485	1.19	cps
Bismuth	209-2	9434079	9461614	9389042	9428245	0.39	cps
Bromine	81-1	14828	15255	14868	14983	1.57	cps
Bromine	81-2	377	327	333	346	7.86	cps
Cadmium	108-1	50	100	47	66	45.57	cps
Cadmium	106-1	3984	4124	4137	4082	2.08	cps
Cadmium	111-1	3237	3247	3310	3265	1.22	cps
Calcium	43-1	53015	52872	54551	53479	1.74	cps
Calcium	44-1	872356	872080	877088	873841	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21165	21722	21485	21458	1.30	cps
Cobalt	59-2	17630	17707	17968	17768	0.99	cps
Copper	63-2	87537	87936	87406	87626	0.31	cps
Dysprosium	156-1	7229	7272	7249	7250	0.30	cps
Dysprosium	156-2	6635	6862	6735	6744	1.69	cps
Erbium	164-1	5818	6038	6198	6018	3.17	cps
Erbium	164-2	4487	4481	4634	4534	1.91	cps
Gadolinium	160-1	6765	7015	6995	6925	2.01	cps
Gadolinium	160-2	6331	6098	5941	6124	3.21	cps
Holmium	165-1	17752228	17744317	17948157	17814901	0.65	cps
Holmium	165-2	13072891	13074492	13236680	13128021	0.72	cps
Indium	115-1	14742056	14963569	14857010	14854212	0.75	cps
Indium	115-2	5626111	5495427	5560794	5560777	1.18	cps
Iron	56-2	22846142	22619428	22635483	22700351	0.56	cps
Iron	57-2	582889	584279	582691	583286	0.15	cps
Iron	54-2	1266658	1270688	1274404	1270583	0.30	cps
Krypton	83-1	280	297	297	291	3.30	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:19:44	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	128231	130604	129129	129321	0.93	cps
Lead	207-1	112645	113287	111795	112576	0.66	cps
Lead	208-1	407562	412914	410463	410313	0.65	cps
Lithium	6-1	1761328	1719351	1716704	1732461	1.45	cps
Magnesium	24-2	470728	470683	474816	472076	0.50	cps
Manganese	55-2	468787	466751	467879	467806	0.22	cps
Molybdenum	94-1	7155	7489	7412	7352	2.38	cps
Molybdenum	95-1	593	540	520	551	6.88	cps
Molybdenum	96-1	1987	1980	2120	2029	3.89	cps
Molybdenum	97-1	363	343	307	338	8.51	cps
Molybdenum	98-1	797	850	820	822	3.25	cps
Neodymium	150-1	12973	12959	13120	13017	0.68	cps
Neodymium	150-2	7926	8052	8099	8026	1.12	cps
Nickel	60-2	10017	10204	10324	10181	1.52	cps
Phosphorus	31-2	2567	2560	2324	2484	5.58	cps
Potassium	39-2	508096	506611	507940	507549	0.16	cps
Rhodium	103-1	13866181	13974101	13967048	13935777	0.43	cps
Rhodium	103-2	8704373	8608594	8633052	8648673	0.58	cps
Scandium	45-1	8110490	8090633	8267643	8156255	1.19	cps
Scandium	45-2	695842	693792	702123	697252	0.62	cps
Selenium	82-1	760	720	749	743	2.80	cps
Selenium	77-2	23	40	23	29	33.32	cps
Selenium	78-2	507	477	610	531	13.17	cps
Silicon	28-1	2151491	2176916	2131107	2153171	1.07	cps
Silver	107-1	890	830	917	879	5.05	cps
Silver	109-1	747	793	873	804	7.96	cps
Sodium	23-2	36440	35798	36276	36171	0.92	cps
Strontium	86-1	33835	34173	33979	33996	0.50	cps
Strontium	88-1	296415	296502	296496	296471	0.02	cps
Sulfur	34-1	162816	163389	162106	162771	0.39	cps
Terbium	159-1	17978433	18185487	18120593	18094838	0.59	cps
Terbium	159-2	13098366	12911910	13023445	13011240	0.72	cps
Thallium	203-1	710	840	563	704	19.65	cps
Thallium	205-1	1567	1867	1583	1672	10.09	cps
Tin	118-1	28415	28174	28228	28272	0.45	cps
Titanium	47-1	44656	44676	44813	44715	0.19	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:19:44	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2014	2250	2037	2100	6.21	cps
Vanadium	51-2	33133	32963	32719	32938	0.63	cps
Yttrium	89-1	17537920	17350854	17470429	17453068	0.54	cps
Yttrium	89-2	4873988	4897447	4891350	4887595	0.25	cps
Zinc	66-2	38179	38406	39251	38612	1.46	cps
Zirconium	90-1	19236	18912	19406	19185	1.31	cps
Zirconium	91-1	4557	4144	4157	4286	5.48	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:22:58	DataFile Name :	173SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3465808	3464201	3434841	3454950	0.50	cps
Antimony	121-1	327839	331682	331447	330322	0.65	cps
Arsenic	75-2	24440	24641	24497	24526	0.42	cps
Barium	135-1	2164628	2214742	2187182	2188851	1.15	cps
Barium	137-1	3765628	3787719	3726143	3759830	0.83	cps
Beryllium	9-1	16405	17036	16749	16730	1.89	cps
Bismuth	209-1	11335672	10978226	11008736	11107545	1.78	cps
Bismuth	209-2	9583322	9625633	9541927	9583628	0.44	cps
Bromine	81-1	15275	15935	15725	15645	2.16	cps
Bromine	81-2	473	443	507	474	6.68	cps
Cadmium	108-1	3190	3167	2990	3116	3.51	cps
Cadmium	106-1	8739	8369	8393	8500	2.44	cps
Cadmium	111-1	47818	48377	48694	48296	0.92	cps
Calcium	43-1	268673	270202	270572	269816	0.37	cps
Calcium	44-1	4186359	4254655	4262719	4234578	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	365825	367851	364122	365933	0.51	cps
Cobalt	59-2	1132898	1135933	1130686	1133172	0.23	cps
Copper	63-2	793452	791467	790558	791826	0.19	cps
Dysprosium	156-1	37065	37055	37630	37250	0.88	cps
Dysprosium	156-2	34856	34466	34332	34551	0.79	cps
Erbium	164-1	31158	31455	30897	31170	0.90	cps
Erbium	164-2	23754	23173	23410	23445	1.25	cps
Gadolinium	160-1	34800	35886	35816	35500	1.71	cps
Gadolinium	160-2	28616	28442	28532	28530	0.30	cps
Holmium	165-1	18506474	18116598	18079654	18234242	1.30	cps
Holmium	165-2	13608294	13408304	13397286	13471295	0.88	cps
Indium	115-1	15484060	14933095	15021772	15146309	1.95	cps
Indium	115-2	5689037	5649942	5559148	5632709	1.18	cps
Iron	56-2	116899805	115714955	117107815	116574192	0.64	cps
Iron	57-2	2915944	2905716	2893649	2905103	0.38	cps
Iron	54-2	6349845	6327193	6259587	6312208	0.74	cps
Krypton	83-1	340	290	250	293	15.37	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:22:58	DataFile Name :	173SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	701327	715402	717762	711497	1.25	cps
Lead	207-1	614701	621089	622818	619536	0.69	cps
Lead	208-1	2226602	2253585	2259446	2246544	0.78	cps
Lithium	6-1	1845915	1754117	1777774	1792602	2.66	cps
Magnesium	24-2	2479172	2480590	2469815	2476526	0.24	cps
Manganese	55-2	2937689	2941713	2870194	2916532	1.38	cps
Molybdenum	94-1	36699	35546	36315	36187	1.62	cps
Molybdenum	95-1	2043	2117	2140	2100	2.40	cps
Molybdenum	96-1	9530	9056	9143	9243	2.73	cps
Molybdenum	97-1	1283	1280	1283	1282	0.15	cps
Molybdenum	98-1	3150	3094	3150	3131	1.05	cps
Neodymium	150-1	65706	67192	67062	66653	1.24	cps
Neodymium	150-2	42594	42624	41581	42267	1.40	cps
Nickel	60-2	319254	315777	316272	317101	0.59	cps
Phosphorus	31-2	12745	12242	12712	12566	2.24	cps
Potassium	39-2	2261571	2236642	2229502	2242572	0.75	cps
Rhodium	103-1	14420516	14200361	14235136	14285338	0.83	cps
Rhodium	103-2	8686003	8698671	8545783	8643486	0.98	cps
Scandium	45-1	8498300	8339731	8283409	8373813	1.33	cps
Scandium	45-2	710113	709133	708088	709111	0.14	cps
Selenium	82-1	5336	5681	5697	5571	3.66	cps
Selenium	77-2	650	600	567	606	6.93	cps
Selenium	78-2	2464	2270	2490	2408	4.99	cps
Silicon	28-1	6676772	6735433	6806879	6739695	0.97	cps
Silver	107-1	203763	208468	209770	207334	1.52	cps
Silver	109-1	195398	198207	199996	197867	1.17	cps
Sodium	23-2	57764	57333	57768	57622	0.43	cps
Strontium	86-1	171863	172447	172487	172266	0.20	cps
Strontium	88-1	1485226	1526130	1527110	1512822	1.58	cps
Sulfur	34-1	181629	182550	181662	181947	0.29	cps
Terbium	159-1	19101391	18463687	18678364	18747814	1.73	cps
Terbium	159-2	13305758	13490992	13224585	13340445	1.02	cps
Thallium	203-1	148520	150453	152867	150614	1.45	cps
Thallium	205-1	357216	360374	361501	359697	0.62	cps
Tin	118-1	128574	131059	128520	129384	1.12	cps
Titanium	47-1	226234	228812	228071	227705	0.58	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:22:58	DataFile Name :	173SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10748	10271	10721	10580	2.53	cps
Vanadium	51-2	735354	732585	729070	732336	0.43	cps
Yttrium	89-1	18763781	18247693	18274950	18428808	1.58	cps
Yttrium	89-2	5067835	5068373	5015245	5050485	0.60	cps
Zinc	66-2	322618	323328	319447	321797	0.64	cps
Zirconium	90-1	93210	96984	96219	95471	2.09	cps
Zirconium	91-1	21219	21419	21716	21451	1.17	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:26:04	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3626582	3669887	3614680	3637050	0.80	cps
Antimony	121-1	1206698	1219941	1220959	1215866	0.65	cps
Arsenic	75-2	43236	43169	42918	43108	0.39	cps
Barium	135-1	6637146	6639688	6681052	6652629	0.37	cps
Barium	137-1	11416259	11436416	11492557	11448410	0.35	cps
Beryllium	9-1	60086	60089	60859	60344	0.74	cps
Bismuth	209-1	11180539	11123743	11053586	11119290	0.57	cps
Bismuth	209-2	9666591	9660889	9634437	9653972	0.18	cps
Bromine	81-1	15605	16026	16136	15922	1.76	cps
Bromine	81-2	423	380	430	411	6.60	cps
Cadmium	108-1	10547	10524	10471	10514	0.37	cps
Cadmium	106-1	18685	18942	19497	19041	2.18	cps
Cadmium	111-1	165508	165246	165253	165336	0.09	cps
Calcium	43-1	256424	258386	258609	257806	0.47	cps
Calcium	44-1	4030152	4000543	4010714	4013803	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1075101	1068866	1072010	1071992	0.29	cps
Cobalt	59-2	4023146	4031555	4011496	4022066	0.25	cps
Copper	63-2	1775946	1759754	1786792	1774164	0.77	cps
Dysprosium	156-1	35341	36484	35772	35866	1.61	cps
Dysprosium	156-2	32521	33446	33032	33000	1.40	cps
Erbium	164-1	30323	30480	30500	30434	0.32	cps
Erbium	164-2	22685	21837	22488	22337	1.99	cps
Gadolinium	160-1	34616	34038	34038	34231	0.97	cps
Gadolinium	160-2	26999	27520	27814	27445	1.50	cps
Holmium	165-1	18463011	18276689	18132783	18290828	0.91	cps
Holmium	165-2	13446678	13375496	13549332	13457169	0.65	cps
Indium	115-1	15183648	14966065	14953553	15034422	0.86	cps
Indium	115-2	5626339	5622035	5556591	5601655	0.70	cps
Iron	56-2	115015205	114740728	113988542	114581492	0.46	cps
Iron	57-2	2887484	2866523	2836575	2863527	0.89	cps
Iron	54-2	6249881	6258567	6254673	6254374	0.07	cps
Krypton	83-1	323	347	290	320	8.90	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:26:04	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	806074	828202	816807	817028	1.35	cps
Lead	207-1	698056	712781	708775	706537	1.08	cps
Lead	208-1	2552363	2646619	2578930	2592638	1.87	cps
Lithium	6-1	1786067	1772331	1714240	1757546	2.17	cps
Magnesium	24-2	2356264	2331123	2346934	2344773	0.54	cps
Manganese	55-2	4173218	4186621	4166083	4175308	0.25	cps
Molybdenum	94-1	35005	35099	34955	35020	0.21	cps
Molybdenum	95-1	2287	2297	2257	2280	0.91	cps
Molybdenum	96-1	9200	9340	9433	9324	1.26	cps
Molybdenum	97-1	1393	1340	1353	1362	2.04	cps
Molybdenum	98-1	3444	3384	3424	3417	0.89	cps
Neodymium	150-1	63442	63994	64048	63828	0.53	cps
Neodymium	150-2	40063	40103	40799	40322	1.03	cps
Nickel	60-2	1040968	1039316	1035384	1038556	0.28	cps
Phosphorus	31-2	12225	12082	12001	12103	0.94	cps
Potassium	39-2	2165945	2126682	2139059	2143895	0.94	cps
Rhodium	103-1	14182378	14026438	13981646	14063487	0.75	cps
Rhodium	103-2	8580452	8726006	8569241	8625233	1.01	cps
Scandium	45-1	8414076	8216366	8245277	8291906	1.29	cps
Scandium	45-2	701575	697339	696497	698470	0.39	cps
Selenium	82-1	21586	21840	22205	21877	1.42	cps
Selenium	77-2	2350	2370	2417	2379	1.44	cps
Selenium	78-2	8519	7952	8289	8253	3.46	cps
Silicon	28-1	6440729	6510602	6486951	6479427	0.55	cps
Silver	107-1	716722	724418	728935	723358	0.85	cps
Silver	109-1	681796	688362	690863	687007	0.68	cps
Sodium	23-2	55804	55730	56008	55847	0.26	cps
Strontium	86-1	164406	163774	163500	163894	0.28	cps
Strontium	88-1	1438716	1452124	1448100	1446313	0.48	cps
Sulfur	34-1	178121	178407	177881	178137	0.15	cps
Terbium	159-1	19028349	18617451	18586901	18744234	1.32	cps
Terbium	159-2	13412261	13367985	13203629	13327958	0.82	cps
Thallium	203-1	554653	557021	556352	556009	0.22	cps
Thallium	205-1	1319075	1327670	1338464	1328403	0.73	cps
Tin	118-1	120032	121608	122135	121258	0.90	cps
Titanium	47-1	212294	217074	216147	215172	1.18	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5172-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:26:04	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10244	10291	10104	10213	0.95	cps
Vanadium	51-2	2296174	2272188	2282870	2283744	0.53	cps
Yttrium	89-1	18481544	18028708	18145788	18218680	1.29	cps
Yttrium	89-2	4964562	5096217	5056082	5038954	1.34	cps
Zinc	66-2	664928	658163	655988	659693	0.71	cps
Zirconium	90-1	90862	93126	92120	92036	1.23	cps
Zirconium	91-1	20247	20801	21259	20769	2.44	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:29:04	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2726814	2726950	2701280	2718348	0.54	cps
Antimony	121-1	3060	2804	2790	2885	5.28	cps
Arsenic	75-2	22374	22711	22477	22520	0.77	cps
Barium	135-1	286079	289065	289298	288147	0.62	cps
Barium	137-1	494163	496785	496205	495718	0.28	cps
Beryllium	9-1	503	417	480	467	9.61	cps
Bismuth	209-1	11014584	10978392	10964053	10985677	0.24	cps
Bismuth	209-2	9671940	9727008	9648464	9682471	0.42	cps
Bromine	81-1	15925	15802	15638	15789	0.91	cps
Bromine	81-2	500	430	403	444	11.23	cps
Cadmium	108-1	193	163	193	183	9.45	cps
Cadmium	106-1	4347	4621	4191	4386	4.96	cps
Cadmium	111-1	4448	4724	4275	4482	5.05	cps
Calcium	43-1	122970	124785	124152	123969	0.74	cps
Calcium	44-1	1961875	1972506	1998400	1977594	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93574	92404	92112	92697	0.83	cps
Cobalt	59-2	99785	98977	98916	99226	0.49	cps
Copper	63-2	212865	212092	210756	211904	0.50	cps
Dysprosium	156-1	29601	29925	30139	29888	0.91	cps
Dysprosium	156-2	27156	27213	27677	27349	1.05	cps
Erbium	164-1	25714	25634	25847	25732	0.42	cps
Erbium	164-2	19103	18826	18786	18905	0.91	cps
Gadolinium	160-1	28663	28873	28492	28676	0.67	cps
Gadolinium	160-2	22261	22869	22966	22698	1.68	cps
Holmium	165-1	18347298	18313557	18171233	18277363	0.51	cps
Holmium	165-2	13504477	13547559	13648612	13566883	0.55	cps
Indium	115-1	15071375	15135496	15058238	15088370	0.27	cps
Indium	115-2	5684149	5573198	5607458	5621602	1.01	cps
Iron	56-2	128039488	127443105	126500088	127327560	0.61	cps
Iron	57-2	3181192	3154894	3132077	3156054	0.78	cps
Iron	54-2	6895566	6869004	6837741	6867437	0.42	cps
Krypton	83-1	323	310	250	294	13.27	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:29:04	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	443793	448413	448487	446897	0.60	cps
Lead	207-1	382406	385444	385270	384374	0.44	cps
Lead	208-1	1385332	1396207	1390693	1390744	0.39	cps
Lithium	6-1	1799202	1797177	1780592	1792324	0.57	cps
Magnesium	24-2	2027035	2007737	1990560	2008444	0.91	cps
Manganese	55-2	1818148	1738674	1793821	1783547	2.28	cps
Molybdenum	94-1	25415	25362	25566	25448	0.42	cps
Molybdenum	95-1	2974	2920	3067	2987	2.49	cps
Molybdenum	96-1	8369	8573	8743	8561	2.18	cps
Molybdenum	97-1	1683	1683	1933	1767	8.17	cps
Molybdenum	98-1	4364	4694	4591	4550	3.71	cps
Neodymium	150-1	49831	51102	50577	50503	1.26	cps
Neodymium	150-2	32858	32197	32006	32354	1.38	cps
Nickel	60-2	29232	28467	28611	28770	1.41	cps
Phosphorus	31-2	12245	12495	12202	12314	1.29	cps
Potassium	39-2	1927925	1890012	1911364	1909767	1.00	cps
Rhodium	103-1	14167921	14250312	14226907	14215046	0.30	cps
Rhodium	103-2	8763324	8615069	8541116	8639836	1.31	cps
Scandium	45-1	8367101	8294830	8248570	8303500	0.72	cps
Scandium	45-2	710798	698153	699557	702836	0.99	cps
Selenium	82-1	819	930	925	891	7.05	cps
Selenium	77-2	120	107	110	112	6.18	cps
Selenium	78-2	693	620	620	644	6.57	cps
Silicon	28-1	4383308	4412692	4458007	4418003	0.85	cps
Silver	107-1	3747	3507	3490	3582	4.01	cps
Silver	109-1	3480	3324	3314	3373	2.77	cps
Sodium	23-2	73990	73226	73625	73614	0.52	cps
Strontium	86-1	79389	79526	79983	79633	0.39	cps
Strontium	88-1	686845	703022	694256	694708	1.17	cps
Sulfur	34-1	172612	171985	171146	171914	0.43	cps
Terbium	159-1	18578790	18643496	18659850	18627378	0.23	cps
Terbium	159-2	13352851	13395286	13380828	13376322	0.16	cps
Thallium	203-1	1673	1680	1717	1690	1.38	cps
Thallium	205-1	3637	3947	3774	3786	4.10	cps
Tin	118-1	8633	8389	8229	8417	2.41	cps
Titanium	47-1	434778	439916	438948	437881	0.62	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:29:04	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11682	12102	12056	11947	1.93	cps
Vanadium	51-2	196880	194727	192896	194834	1.02	cps
Yttrium	89-1	18412457	18195151	18029050	18212219	1.06	cps
Yttrium	89-2	5036845	4920612	4991835	4983097	1.18	cps
Zinc	66-2	128467	125105	126735	126769	1.33	cps
Zirconium	90-1	64313	64604	64953	64623	0.50	cps
Zirconium	91-1	14267	14517	13943	14243	2.02	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:32:14	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2794577	2775498	2799902	2789992	0.46	cps
Antimony	121-1	2414	2504	2427	2448	1.98	cps
Arsenic	75-2	22287	22023	21602	21971	1.57	cps
Barium	135-1	290629	294676	294169	293158	0.75	cps
Barium	137-1	500831	512015	504809	505885	1.12	cps
Beryllium	9-1	463	493	437	464	6.10	cps
Bismuth	209-1	10976124	9823035	11174379	10657846	6.85	cps
Bismuth	209-2	9671753	9563405	9665238	9633465	0.63	cps
Bromine	81-1	15772	16009	15682	15821	1.07	cps
Bromine	81-2	457	510	407	458	11.29	cps
Cadmium	108-1	200	183	160	181	11.09	cps
Cadmium	106-1	4674	4311	4434	4473	4.13	cps
Cadmium	111-1	4659	4516	4515	4563	1.81	cps
Calcium	43-1	125295	127944	127581	126940	1.13	cps
Calcium	44-1	1949893	2005195	1994564	1983218	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95312	95607	97389	96103	1.17	cps
Cobalt	59-2	97849	96893	97792	97512	0.55	cps
Copper	63-2	216614	218106	217515	217412	0.35	cps
Dysprosium	156-1	30309	30433	31078	30607	1.35	cps
Dysprosium	156-2	27510	27270	27610	27464	0.64	cps
Erbium	164-1	25480	26488	25861	25943	1.96	cps
Erbium	164-2	19370	19427	18829	19209	1.72	cps
Gadolinium	160-1	28242	29558	28987	28929	2.28	cps
Gadolinium	160-2	22665	23099	23587	23117	1.99	cps
Holmium	165-1	18372938	15997517	18194966	17521807	7.55	cps
Holmium	165-2	13502075	13481411	13695507	13559664	0.87	cps
Indium	115-1	15320797	13425783	15225351	14657310	7.28	cps
Indium	115-2	5643517	5573720	5641306	5619514	0.71	cps
Iron	56-2	130991525	130462055	130201748	130551776	0.31	cps
Iron	57-2	3225967	3214911	3210418	3217099	0.25	cps
Iron	54-2	7064080	6994405	7020358	7026281	0.50	cps
Krypton	83-1	280	347	247	291	17.49	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:32:14	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	437170	447005	440923	441700	1.12	cps
Lead	207-1	377792	383792	379870	380484	0.80	cps
Lead	208-1	1369565	1391521	1381639	1380908	0.80	cps
Lithium	6-1	1784888	1568658	1803434	1718993	7.59	cps
Magnesium	24-2	2090916	2059229	2060205	2070117	0.87	cps
Manganese	55-2	1820801	1834406	1844334	1833180	0.64	cps
Molybdenum	94-1	25579	26457	26431	26156	1.91	cps
Molybdenum	95-1	2737	3114	2764	2871	7.32	cps
Molybdenum	96-1	8416	8382	8372	8390	0.27	cps
Molybdenum	97-1	1770	1993	1890	1885	5.93	cps
Molybdenum	98-1	4504	4634	4584	4574	1.43	cps
Neodymium	150-1	51296	52256	52464	52005	1.20	cps
Neodymium	150-2	33406	32758	33557	33240	1.28	cps
Nickel	60-2	29713	29860	29265	29613	1.05	cps
Phosphorus	31-2	12225	11398	12559	12060	4.96	cps
Potassium	39-2	1937049	1931164	1906829	1925014	0.83	cps
Rhodium	103-1	14367811	12592695	14173746	13711417	7.10	cps
Rhodium	103-2	8702934	8601208	8629596	8644579	0.61	cps
Scandium	45-1	8352176	7246289	8332402	7976956	7.93	cps
Scandium	45-2	701934	695623	700570	699376	0.47	cps
Selenium	82-1	846	731	866	814	8.92	cps
Selenium	77-2	110	77	107	98	18.77	cps
Selenium	78-2	607	520	633	587	10.10	cps
Silicon	28-1	4347858	4420878	4475112	4414616	1.45	cps
Silver	107-1	3130	2964	2894	2996	4.06	cps
Silver	109-1	2784	2610	2844	2746	4.41	cps
Sodium	23-2	75380	74412	75866	75219	0.98	cps
Strontium	86-1	81242	81940	80558	81247	0.85	cps
Strontium	88-1	709018	718544	709908	712490	0.74	cps
Sulfur	34-1	172966	170789	171830	171862	0.63	cps
Terbium	159-1	18651569	16440653	18975923	18022715	7.66	cps
Terbium	159-2	13382105	13279001	13351048	13337384	0.40	cps
Thallium	203-1	1547	1580	1497	1541	2.72	cps
Thallium	205-1	3697	3524	3734	3652	3.07	cps
Tin	118-1	12089	12609	12526	12408	2.25	cps
Titanium	47-1	459158	464872	463268	462432	0.64	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:32:14	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11852	12603	12076	12177	3.17	cps
Vanadium	51-2	201014	200389	200132	200512	0.23	cps
Yttrium	89-1	18403148	16268092	18340434	17670558	6.88	cps
Yttrium	89-2	5005529	4991656	4993400	4996862	0.15	cps
Zinc	66-2	127636	126802	128863	127767	0.81	cps
Zirconium	90-1	65455	67729	65863	66349	1.83	cps
Zirconium	91-1	14691	14727	14771	14730	0.27	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:35:22	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	518693	520429	517265	518796	0.31	cps
Antimony	121-1	573	593	533	567	5.39	cps
Arsenic	75-2	4467	4241	4544	4417	3.57	cps
Barium	135-1	55052	54607	55728	55129	1.02	cps
Barium	137-1	95961	96837	96380	96392	0.45	cps
Beryllium	9-1	113	97	123	111	12.12	cps
Bismuth	209-1	10914104	10800283	10856829	10857072	0.52	cps
Bismuth	209-2	9652689	9645654	9704760	9667701	0.33	cps
Bromine	81-1	15805	15251	15895	15651	2.23	cps
Bromine	81-2	373	357	337	356	5.16	cps
Cadmium	108-1	43	33	43	40	14.43	cps
Cadmium	106-1	4384	4134	4011	4176	4.56	cps
Cadmium	111-1	3369	3114	3004	3162	5.92	cps
Calcium	43-1	24143	24667	24814	24541	1.44	cps
Calcium	44-1	405793	412400	409880	409358	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19439	19309	19436	19395	0.38	cps
Cobalt	59-2	19580	18815	19269	19221	2.00	cps
Copper	63-2	42216	41377	42223	41939	1.16	cps
Dysprosium	156-1	5748	5918	5968	5878	1.96	cps
Dysprosium	156-2	5148	5128	5514	5263	4.14	cps
Erbium	164-1	4778	4844	4801	4808	0.70	cps
Erbium	164-2	3534	3591	3604	3576	1.04	cps
Gadolinium	160-1	5491	5621	5381	5498	2.19	cps
Gadolinium	160-2	5004	5028	5104	5045	1.04	cps
Holmium	165-1	17712806	18179067	17813325	17901733	1.37	cps
Holmium	165-2	13425137	13554041	13510119	13496432	0.49	cps
Indium	115-1	15122620	14803789	15031491	14985967	1.10	cps
Indium	115-2	5612295	5641771	5685549	5646538	0.65	cps
Iron	56-2	24835145	24764809	25116510	24905488	0.75	cps
Iron	57-2	640000	640643	636328	638990	0.36	cps
Iron	54-2	1366971	1360941	1343087	1357000	0.92	cps
Krypton	83-1	207	300	257	254	18.36	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:35:22	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	87050	85845	87244	86713	0.87	cps
Lead	207-1	75592	72100	74972	74221	2.51	cps
Lead	208-1	269010	266023	266903	267312	0.57	cps
Lithium	6-1	1812905	1804698	1770778	1796127	1.24	cps
Magnesium	24-2	383282	383585	380779	382549	0.40	cps
Manganese	55-2	347177	349530	348320	348342	0.34	cps
Molybdenum	94-1	5091	5264	5144	5167	1.72	cps
Molybdenum	95-1	680	660	717	686	4.19	cps
Molybdenum	96-1	1723	1780	1913	1806	5.40	cps
Molybdenum	97-1	403	450	460	438	6.91	cps
Molybdenum	98-1	960	1060	1093	1038	6.69	cps
Neodymium	150-1	9713	10020	10044	9926	1.86	cps
Neodymium	150-2	6201	6405	5955	6187	3.64	cps
Nickel	60-2	5808	5925	5958	5897	1.34	cps
Phosphorus	31-2	2587	2564	2427	2526	3.42	cps
Potassium	39-2	432349	432745	431834	432309	0.11	cps
Rhodium	103-1	14241645	14135954	14022087	14133229	0.78	cps
Rhodium	103-2	8740165	8707127	8824415	8757236	0.69	cps
Scandium	45-1	8296470	8156288	8141027	8197928	1.05	cps
Scandium	45-2	697467	698322	702679	699489	0.40	cps
Selenium	82-1	837	721	691	750	10.29	cps
Selenium	77-2	30	23	17	23	28.56	cps
Selenium	78-2	600	510	563	558	8.11	cps
Silicon	28-1	1714651	1690924	1692650	1699408	0.78	cps
Silver	107-1	740	777	773	763	2.66	cps
Silver	109-1	547	643	740	643	15.03	cps
Sodium	23-2	39607	39775	39123	39502	0.86	cps
Strontium	86-1	16029	16015	15792	15945	0.83	cps
Strontium	88-1	134024	135167	137125	135439	1.16	cps
Sulfur	34-1	165765	166728	167136	166543	0.42	cps
Terbium	159-1	18727128	17989623	18290995	18335915	2.02	cps
Terbium	159-2	13131732	13314226	13301214	13249057	0.77	cps
Thallium	203-1	530	680	563	591	13.32	cps
Thallium	205-1	1577	1560	1403	1513	6.32	cps
Tin	118-1	4064	4001	4134	4066	1.64	cps
Titanium	47-1	86495	85322	86284	86034	0.73	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:35:22	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2150	2244	2164	2186	2.31	cps
Vanadium	51-2	37717	37577	37680	37658	0.19	cps
Yttrium	89-1	17887565	17588994	17739722	17738760	0.84	cps
Yttrium	89-2	4911841	4924459	4934599	4923633	0.23	cps
Zinc	66-2	25655	24570	24640	24955	2.43	cps
Zirconium	90-1	13046	12993	12579	12872	1.99	cps
Zirconium	91-1	2784	2767	2860	2804	1.78	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:38:38	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2810456	2795503	2812716	2806225	0.33	cps
Antimony	121-1	348026	351882	347685	349198	0.67	cps
Arsenic	75-2	29613	29369	29526	29503	0.42	cps
Barium	135-1	2122994	2154768	2138887	2138883	0.74	cps
Barium	137-1	3687027	3684502	3705691	3692407	0.31	cps
Beryllium	9-1	18051	18938	18838	18609	2.61	cps
Bismuth	209-1	10918183	10949942	10845799	10904642	0.49	cps
Bismuth	209-2	9685343	9548150	9485652	9573048	1.07	cps
Bromine	81-1	15775	16312	15361	15816	3.02	cps
Bromine	81-2	470	403	367	413	12.67	cps
Cadmium	108-1	3154	3120	3330	3201	3.53	cps
Cadmium	106-1	8636	8466	8709	8604	1.45	cps
Cadmium	111-1	50476	50270	51219	50655	0.99	cps
Calcium	43-1	122537	123511	122697	122915	0.42	cps
Calcium	44-1	1941761	1933832	1928226	1934607	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	379716	375901	379894	378504	0.60	cps
Cobalt	59-2	1242803	1242259	1233857	1239640	0.40	cps
Copper	63-2	609422	608230	604368	607340	0.44	cps
Dysprosium	156-1	29300	29885	30056	29747	1.33	cps
Dysprosium	156-2	26879	26478	27283	26880	1.50	cps
Erbium	164-1	24211	25620	25042	24958	2.84	cps
Erbium	164-2	18726	18799	18699	18742	0.28	cps
Gadolinium	160-1	28726	28365	28526	28539	0.63	cps
Gadolinium	160-2	22331	22775	22051	22386	1.63	cps
Holmium	165-1	18081522	18276498	18219272	18192431	0.55	cps
Holmium	165-2	13611935	13326886	13400469	13446430	1.10	cps
Indium	115-1	15129035	14944470	14977373	15016959	0.66	cps
Indium	115-2	5616371	5570319	5568174	5584955	0.49	cps
Iron	56-2	126155431	126331308	125574008	126020249	0.31	cps
Iron	57-2	3116206	3107082	3112296	3111861	0.15	cps
Iron	54-2	6875333	6801869	6831002	6836068	0.54	cps
Krypton	83-1	273	297	323	298	8.40	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:38:38	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	485775	491421	495014	490737	0.95	cps
Lead	207-1	418166	421227	424223	421205	0.72	cps
Lead	208-1	1520430	1529124	1533757	1527770	0.44	cps
Lithium	6-1	1798398	1771067	1787202	1785556	0.77	cps
Magnesium	24-2	1969765	1973369	1975517	1972884	0.15	cps
Manganese	55-2	2307868	2359825	2336392	2334695	1.11	cps
Molybdenum	94-1	24828	25295	25255	25126	1.03	cps
Molybdenum	95-1	2830	3007	2930	2923	3.03	cps
Molybdenum	96-1	8089	8576	8446	8370	3.01	cps
Molybdenum	97-1	1780	1883	1773	1812	3.40	cps
Molybdenum	98-1	4614	4461	4561	4545	1.71	cps
Neodymium	150-1	50627	50460	49945	50344	0.71	cps
Neodymium	150-2	32354	31816	31906	32025	0.90	cps
Nickel	60-2	321730	321966	321307	321668	0.10	cps
Phosphorus	31-2	11781	11511	12175	11822	2.82	cps
Potassium	39-2	1834904	1838156	1852531	1841864	0.51	cps
Rhodium	103-1	14244084	14230206	13960223	14144838	1.13	cps
Rhodium	103-2	8684371	8650123	8707741	8680745	0.33	cps
Scandium	45-1	8402318	8137313	8239279	8259637	1.62	cps
Scandium	45-2	696564	689380	696579	694175	0.60	cps
Selenium	82-1	6264	6162	6161	6195	0.96	cps
Selenium	77-2	723	667	560	650	12.76	cps
Selenium	78-2	2687	2537	2514	2579	3.65	cps
Silicon	28-1	4322608	4394014	4352605	4356409	0.82	cps
Silver	107-1	232046	234423	236785	234418	1.01	cps
Silver	109-1	218117	223202	223133	221484	1.32	cps
Sodium	23-2	70972	72707	73497	72392	1.78	cps
Strontium	86-1	79420	77978	79406	78935	1.05	cps
Strontium	88-1	682952	688468	683574	684998	0.44	cps
Sulfur	34-1	175184	174250	170523	173319	1.42	cps
Terbium	159-1	18590450	18637993	18721270	18649904	0.36	cps
Terbium	159-2	13320629	13251191	13318076	13296632	0.30	cps
Thallium	203-1	158054	160817	160929	159933	1.02	cps
Thallium	205-1	380039	381915	381450	381134	0.26	cps
Tin	118-1	9061	8379	9515	8985	6.36	cps
Titanium	47-1	433326	433400	433739	433488	0.05	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:38:38	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11835	12152	11825	11938	1.56	cps
Vanadium	51-2	807903	806825	807792	807507	0.07	cps
Yttrium	89-1	18234748	18182126	18283459	18233444	0.28	cps
Yttrium	89-2	4965459	4979446	4986456	4977120	0.21	cps
Zinc	66-2	267058	266686	266469	266738	0.11	cps
Zirconium	90-1	63784	90098	63939	72607	20.86	cps
Zirconium	91-1	13767	13920	14000	13896	0.85	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:41:43	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3065153	3085566	3096679	3082466	0.52	cps
Antimony	121-1	1321791	1328555	1331571	1327306	0.38	cps
Arsenic	75-2	49760	49837	50037	49878	0.29	cps
Barium	135-1	7018469	6986520	6904400	6969797	0.84	cps
Barium	137-1	12062903	12044275	12104045	12070408	0.25	cps
Beryllium	9-1	66287	67864	66752	66968	1.21	cps
Bismuth	209-1	10866153	10979599	10882949	10909567	0.56	cps
Bismuth	209-2	9523259	9543779	9683490	9583510	0.91	cps
Bromine	81-1	16035	15985	15568	15863	1.62	cps
Bromine	81-2	460	480	450	463	3.30	cps
Cadmium	108-1	11892	11508	11768	11723	1.67	cps
Cadmium	106-1	20364	20551	19957	20291	1.50	cps
Cadmium	111-1	179204	181983	179710	180299	0.82	cps
Calcium	43-1	116523	119429	118357	118103	1.24	cps
Calcium	44-1	1871831	1857336	1853946	1861038	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1142774	1147022	1133141	1140979	0.62	cps
Cobalt	59-2	4376819	4321543	4339743	4346035	0.65	cps
Copper	63-2	1683978	1661532	1671960	1672490	0.67	cps
Dysprosium	156-1	28399	28806	28833	28679	0.85	cps
Dysprosium	156-2	26275	25467	26585	26109	2.21	cps
Erbium	164-1	23520	24295	24111	23975	1.69	cps
Erbium	164-2	17738	17678	18052	17823	1.13	cps
Gadolinium	160-1	27059	27731	27193	27328	1.30	cps
Gadolinium	160-2	21674	21914	21380	21656	1.24	cps
Holmium	165-1	18084953	17898003	18027307	18003421	0.53	cps
Holmium	165-2	13351458	13296290	13359484	13335744	0.26	cps
Indium	115-1	15139619	14888719	14914728	14981022	0.92	cps
Indium	115-2	5492640	5507246	5514709	5504865	0.20	cps
Iron	56-2	125314351	125677538	125567325	125519738	0.15	cps
Iron	57-2	3148638	3056634	3150355	3118542	1.72	cps
Iron	54-2	6880703	6799344	6751742	6810596	0.96	cps
Krypton	83-1	303	263	283	283	7.06	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:41:43	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	628337	632534	627248	629373	0.44	cps
Lead	207-1	523755	532602	527398	527918	0.84	cps
Lead	208-1	1919234	1950214	1927966	1932471	0.83	cps
Lithium	6-1	1796234	1767928	1774078	1779413	0.84	cps
Magnesium	24-2	1888681	1900093	1934421	1907732	1.25	cps
Manganese	55-2	3765895	3731613	3764053	3753853	0.51	cps
Molybdenum	94-1	23786	24477	24464	24242	1.63	cps
Molybdenum	95-1	2754	2767	2810	2777	1.07	cps
Molybdenum	96-1	8182	8069	8069	8107	0.81	cps
Molybdenum	97-1	1793	1807	1823	1808	0.83	cps
Molybdenum	98-1	4824	4534	4591	4650	3.31	cps
Neodymium	150-1	48450	49272	48998	48907	0.86	cps
Neodymium	150-2	30089	30937	30921	30649	1.58	cps
Nickel	60-2	1097248	1100677	1099948	1099291	0.16	cps
Phosphorus	31-2	11628	11258	10994	11293	2.82	cps
Potassium	39-2	1779233	1787772	1752828	1773278	1.03	cps
Rhodium	103-1	14040789	13997014	13975750	14004518	0.24	cps
Rhodium	103-2	8452427	8515168	8522642	8496745	0.45	cps
Scandium	45-1	8211868	8150879	8158432	8173726	0.41	cps
Scandium	45-2	678411	684683	679451	680848	0.49	cps
Selenium	82-1	23769	23614	23759	23714	0.37	cps
Selenium	77-2	2547	2404	2477	2476	2.90	cps
Selenium	78-2	8629	9009	8899	8846	2.21	cps
Silicon	28-1	4215752	4319261	4476112	4337042	3.02	cps
Silver	107-1	775217	789215	783765	782732	0.90	cps
Silver	109-1	742659	750660	750812	748044	0.62	cps
Sodium	23-2	70406	69117	70436	69987	1.08	cps
Strontium	86-1	75026	76135	74367	75176	1.19	cps
Strontium	88-1	659109	661567	661633	660770	0.22	cps
Sulfur	34-1	171031	172191	169515	170912	0.79	cps
Terbium	159-1	18693592	18560013	18467104	18573570	0.61	cps
Terbium	159-2	13148989	13142848	13368304	13220047	0.97	cps
Thallium	203-1	608577	609296	610999	609624	0.20	cps
Thallium	205-1	1438963	1432114	1440450	1437176	0.31	cps
Tin	118-1	7856	9216	8169	8414	8.47	cps
Titanium	47-1	414459	417021	417558	416346	0.40	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5173-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:41:43	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11148	11572	11295	11338	1.90	cps
Vanadium	51-2	2458034	2437287	2491162	2462161	1.10	cps
Yttrium	89-1	18037886	17908773	17867791	17938150	0.49	cps
Yttrium	89-2	4894985	4908320	4871184	4891497	0.38	cps
Zinc	66-2	634890	637349	634241	635493	0.26	cps
Zirconium	90-1	61923	61217	61689	61610	0.58	cps
Zirconium	91-1	14170	13703	13903	13926	1.68	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:44:46	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3139140	3157551	3157687	3151459	0.34	cps
Antimony	121-1	1830	1837	1800	1822	1.07	cps
Arsenic	75-2	14791	15138	15301	15077	1.73	cps
Barium	135-1	282128	285054	284358	283847	0.54	cps
Barium	137-1	483285	492639	490337	488754	1.00	cps
Beryllium	9-1	470	517	603	530	12.77	cps
Bismuth	209-1	11464748	10998080	10884821	11115883	2.77	cps
Bismuth	209-2	9553603	9734272	9671857	9653244	0.95	cps
Bromine	81-1	15668	15929	15462	15686	1.49	cps
Bromine	81-2	403	317	350	357	12.26	cps
Cadmium	108-1	67	107	100	91	23.52	cps
Cadmium	106-1	4744	4351	4341	4479	5.14	cps
Cadmium	111-1	3861	3518	3575	3651	5.04	cps
Calcium	43-1	307665	312071	312147	310628	0.83	cps
Calcium	44-1	4804593	4900865	4872592	4859350	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74108	74476	74047	74210	0.31	cps
Cobalt	59-2	97705	96665	96612	96994	0.64	cps
Copper	63-2	171804	170317	170816	170979	0.44	cps
Dysprosium	156-1	32140	32878	32528	32515	1.14	cps
Dysprosium	156-2	29765	29147	29167	29360	1.20	cps
Erbium	164-1	28132	28843	28643	28539	1.29	cps
Erbium	164-2	20839	20929	21614	21127	2.00	cps
Gadolinium	160-1	31221	31602	31442	31422	0.61	cps
Gadolinium	160-2	25243	25770	25346	25453	1.10	cps
Holmium	165-1	18837732	18111203	18135184	18361373	2.25	cps
Holmium	165-2	13529392	13425461	13544509	13499787	0.48	cps
Indium	115-1	15664443	14902698	14909901	15159014	2.89	cps
Indium	115-2	5570391	5593081	5620227	5594566	0.45	cps
Iron	56-2	134746418	133037615	132686458	133490164	0.83	cps
Iron	57-2	3325040	3317817	3335666	3326175	0.27	cps
Iron	54-2	7257559	7189937	7227118	7224872	0.47	cps
Krypton	83-1	310	243	243	266	14.49	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:44:46	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	99510	101163	101001	100558	0.91	cps
Lead	207-1	84179	84920	84179	84426	0.51	cps
Lead	208-1	303825	307701	305425	305650	0.64	cps
Lithium	6-1	1835630	1824605	1734157	1798131	3.10	cps
Magnesium	24-2	2248881	2280125	2292409	2273805	0.99	cps
Manganese	55-2	2181669	2184424	2195072	2187055	0.32	cps
Molybdenum	94-1	27092	27823	28120	27678	1.91	cps
Molybdenum	95-1	4067	4071	4264	4134	2.72	cps
Molybdenum	96-1	9970	9833	10110	9971	1.39	cps
Molybdenum	97-1	2704	2700	2610	2671	1.98	cps
Molybdenum	98-1	6208	6245	6542	6331	2.89	cps
Neodymium	150-1	53749	54685	54130	54188	0.87	cps
Neodymium	150-2	35064	35104	34479	34882	1.00	cps
Nickel	60-2	29282	28881	29235	29133	0.75	cps
Phosphorus	31-2	11544	11404	11678	11542	1.19	cps
Potassium	39-2	1027251	1024979	1030160	1027463	0.25	cps
Rhodium	103-1	14825402	13961188	13942871	14243154	3.54	cps
Rhodium	103-2	8629069	8590084	8535888	8585014	0.55	cps
Scandium	45-1	8510982	8171788	8185689	8289486	2.32	cps
Scandium	45-2	698220	699233	699711	699054	0.11	cps
Selenium	82-1	871	798	829	833	4.39	cps
Selenium	77-2	67	100	117	94	26.96	cps
Selenium	78-2	597	593	677	622	7.58	cps
Silicon	28-1	5116315	5201506	5187774	5168532	0.88	cps
Silver	107-1	1350	1247	1070	1222	11.59	cps
Silver	109-1	1203	1073	1093	1123	6.23	cps
Sodium	23-2	60451	59541	60518	60170	0.91	cps
Strontium	86-1	78437	81802	80431	80224	2.11	cps
Strontium	88-1	692811	708825	705534	702390	1.20	cps
Sulfur	34-1	171622	172164	174285	172690	0.82	cps
Terbium	159-1	19636761	18490219	18524092	18883691	3.45	cps
Terbium	159-2	13328835	13176046	13362389	13289090	0.75	cps
Thallium	203-1	1583	1523	1570	1559	2.02	cps
Thallium	205-1	3821	3737	3884	3814	1.93	cps
Tin	118-1	11378	11164	11188	11243	1.04	cps
Titanium	47-1	250872	254688	253465	253008	0.77	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:44:46	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8806	8606	8900	8771	1.71	cps
Vanadium	51-2	217244	218668	217583	217832	0.34	cps
Yttrium	89-1	18927046	17986909	18067131	18327029	2.84	cps
Yttrium	89-2	4969339	4998568	4989635	4985847	0.30	cps
Zinc	66-2	63665	63417	63638	63573	0.21	cps
Zirconium	90-1	68281	69607	69678	69189	1.14	cps
Zirconium	91-1	14951	15388	15729	15356	2.54	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:47:55	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3344349	3343096	3358240	3348562	0.25	cps
Antimony	121-1	1213	1097	1180	1163	5.17	cps
Arsenic	75-2	15248	15255	15421	15308	0.64	cps
Barium	135-1	296295	296886	293876	295686	0.54	cps
Barium	137-1	507042	515653	514683	512460	0.92	cps
Beryllium	9-1	540	647	523	570	11.74	cps
Bismuth	209-1	10921722	10979058	11038934	10979905	0.53	cps
Bismuth	209-2	9617288	9558847	9515454	9563863	0.53	cps
Bromine	81-1	15555	15572	15685	15604	0.45	cps
Bromine	81-2	417	433	413	421	2.54	cps
Cadmium	108-1	93	100	120	104	13.29	cps
Cadmium	106-1	4687	4354	4681	4574	4.17	cps
Cadmium	111-1	3776	3485	3746	3669	4.37	cps
Calcium	43-1	327280	329101	329747	328709	0.39	cps
Calcium	44-1	5105078	5093961	5110063	5103034	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82574	84089	83690	83451	0.94	cps
Cobalt	59-2	106054	108552	106521	107043	1.24	cps
Copper	63-2	180440	179614	181088	180381	0.41	cps
Dysprosium	156-1	33781	34212	33954	33982	0.64	cps
Dysprosium	156-2	30296	30841	30791	30642	0.98	cps
Erbium	164-1	30253	29882	29755	29963	0.86	cps
Erbium	164-2	21697	22321	22538	22185	1.97	cps
Gadolinium	160-1	33426	32752	33072	33083	1.02	cps
Gadolinium	160-2	26746	25710	26682	26379	2.20	cps
Holmium	165-1	18156058	18155525	18069265	18126949	0.28	cps
Holmium	165-2	13476606	13451234	13444485	13457442	0.13	cps
Indium	115-1	15057541	14994423	14820084	14957349	0.82	cps
Indium	115-2	5631510	5631242	5608808	5623854	0.23	cps
Iron	56-2	141527615	141035678	142178415	141580569	0.40	cps
Iron	57-2	3488301	3491030	3519889	3499740	0.50	cps
Iron	54-2	7626140	7596763	7684193	7635699	0.58	cps
Krypton	83-1	250	280	243	258	7.58	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:47:55	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	106493	108384	108139	107672	0.96	cps
Lead	207-1	90747	90354	90039	90380	0.39	cps
Lead	208-1	326269	327873	326862	327001	0.25	cps
Lithium	6-1	1758703	1730965	1750218	1746628	0.81	cps
Magnesium	24-2	2419078	2438558	2420418	2426018	0.45	cps
Manganese	55-2	2291556	2298582	2278152	2289430	0.45	cps
Molybdenum	94-1	28889	29189	29146	29074	0.56	cps
Molybdenum	95-1	3174	3230	3287	3230	1.75	cps
Molybdenum	96-1	8933	9380	9703	9339	4.14	cps
Molybdenum	97-1	1947	1853	2070	1957	5.55	cps
Molybdenum	98-1	5034	5361	5078	5158	3.44	cps
Neodymium	150-1	56389	58065	57433	57296	1.48	cps
Neodymium	150-2	36440	35929	37065	36478	1.56	cps
Nickel	60-2	31714	31232	32158	31701	1.46	cps
Phosphorus	31-2	12308	11821	12108	12079	2.03	cps
Potassium	39-2	1076972	1082426	1085589	1081662	0.40	cps
Rhodium	103-1	14161710	14115566	13974294	14083857	0.69	cps
Rhodium	103-2	8679775	8627648	8564978	8624134	0.67	cps
Scandium	45-1	8218931	8240540	8173679	8211050	0.42	cps
Scandium	45-2	709144	705938	702229	705770	0.49	cps
Selenium	82-1	837	757	717	770	7.97	cps
Selenium	77-2	120	103	110	111	7.55	cps
Selenium	78-2	597	600	620	606	2.08	cps
Silicon	28-1	5034310	5098917	5135246	5089491	1.00	cps
Silver	107-1	903	920	1013	946	6.27	cps
Silver	109-1	783	697	807	762	7.60	cps
Sodium	23-2	61228	60947	60742	60972	0.40	cps
Strontium	86-1	83398	81919	82177	82498	0.96	cps
Strontium	88-1	713102	720946	721663	718571	0.66	cps
Sulfur	34-1	179355	180947	178823	179708	0.62	cps
Terbium	159-1	18709140	18495551	18613208	18605966	0.57	cps
Terbium	159-2	13345546	13423959	13355929	13375145	0.32	cps
Thallium	203-1	1547	1513	1527	1529	1.10	cps
Thallium	205-1	3380	3561	3434	3458	2.67	cps
Tin	118-1	5645	5901	5958	5835	2.86	cps
Titanium	47-1	253144	255500	253795	254146	0.48	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:47:55	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9677	9860	9937	9825	1.36	cps
Vanadium	51-2	233137	232068	235480	233562	0.75	cps
Yttrium	89-1	18157917	18239183	18095040	18164047	0.40	cps
Yttrium	89-2	5008480	5058087	5035394	5033987	0.49	cps
Zinc	66-2	64502	65560	66162	65408	1.29	cps
Zirconium	90-1	71690	72672	71784	72049	0.75	cps
Zirconium	91-1	16172	15959	16276	16136	1.00	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:51:07	DataFile Name :	182SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	618269	619158	618025	618484	0.10	cps
Antimony	121-1	330	273	317	307	9.66	cps
Arsenic	75-2	2950	3137	2887	2991	4.35	cps
Barium	135-1	56123	57064	56856	56681	0.87	cps
Barium	137-1	95894	98246	97914	97351	1.31	cps
Beryllium	9-1	147	170	187	168	11.98	cps
Bismuth	209-1	11002784	10766838	10712644	10827422	1.42	cps
Bismuth	209-2	9566111	9484257	9507150	9519173	0.44	cps
Bromine	81-1	15752	15592	15819	15721	0.74	cps
Bromine	81-2	330	377	330	346	7.80	cps
Cadmium	108-1	30	43	17	30	44.43	cps
Cadmium	106-1	4394	4074	4121	4196	4.12	cps
Cadmium	111-1	3158	2925	2986	3023	4.00	cps
Calcium	43-1	62260	63633	63626	63173	1.25	cps
Calcium	44-1	1030354	1034307	1041638	1035433	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15738	16432	16095	16089	2.16	cps
Cobalt	59-2	19960	19513	19663	19712	1.15	cps
Copper	63-2	35158	35472	34774	35135	1.00	cps
Dysprosium	156-1	6361	6522	6578	6487	1.73	cps
Dysprosium	156-2	5641	5735	5705	5693	0.84	cps
Erbium	164-1	5711	5291	5514	5506	3.82	cps
Erbium	164-2	4117	4087	4291	4165	2.64	cps
Gadolinium	160-1	6095	6365	6161	6207	2.27	cps
Gadolinium	160-2	5731	5748	5805	5761	0.67	cps
Holmium	165-1	17827660	18037678	18066424	17977254	0.73	cps
Holmium	165-2	13454741	13305764	13414061	13391522	0.58	cps
Indium	115-1	14722898	14988125	14852874	14854632	0.89	cps
Indium	115-2	5667924	5665152	5607561	5646879	0.60	cps
Iron	56-2	26890730	26754474	26730350	26791851	0.32	cps
Iron	57-2	684384	683373	687462	685073	0.31	cps
Iron	54-2	1462412	1446337	1450203	1452984	0.58	cps
Krypton	83-1	310	240	273	274	12.76	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:51:07	DataFile Name :	182SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19801	20239	19858	19966	1.19	cps
Lead	207-1	16931	16924	16577	16810	1.20	cps
Lead	208-1	61334	61576	60607	61172	0.82	cps
Lithium	6-1	1779553	1735797	1809220	1774856	2.08	cps
Magnesium	24-2	442303	441335	440210	441283	0.24	cps
Manganese	55-2	433210	434013	435302	434175	0.24	cps
Molybdenum	94-1	5311	5938	6015	5755	6.71	cps
Molybdenum	95-1	943	957	913	938	2.37	cps
Molybdenum	96-1	2254	2134	2017	2135	5.54	cps
Molybdenum	97-1	557	507	657	573	13.32	cps
Molybdenum	98-1	1483	1433	1513	1477	2.74	cps
Neodymium	150-1	10257	10437	11094	10596	4.16	cps
Neodymium	150-2	6988	6938	6872	6933	0.84	cps
Nickel	60-2	6071	6081	6001	6051	0.72	cps
Phosphorus	31-2	2390	2374	2364	2376	0.57	cps
Potassium	39-2	255164	256103	256082	255783	0.21	cps
Rhodium	103-1	14231030	14124566	14034105	14129900	0.70	cps
Rhodium	103-2	8736252	8622894	8652720	8670622	0.68	cps
Scandium	45-1	8228488	8127587	8209822	8188632	0.66	cps
Scandium	45-2	701663	697439	695663	698255	0.44	cps
Selenium	82-1	666	721	576	654	11.14	cps
Selenium	77-2	43	23	27	31	34.44	cps
Selenium	78-2	587	570	543	567	3.86	cps
Silicon	28-1	1834430	1847629	1845122	1842393	0.38	cps
Silver	107-1	257	320	270	282	11.83	cps
Silver	109-1	193	273	193	220	20.99	cps
Sodium	23-2	36386	36360	36847	36531	0.75	cps
Strontium	86-1	16149	16256	15875	16093	1.22	cps
Strontium	88-1	139474	140604	139184	139754	0.54	cps
Sulfur	34-1	171001	171206	171571	171260	0.17	cps
Terbium	159-1	18443370	18326314	18250117	18339934	0.53	cps
Terbium	159-2	13292257	13283244	13184834	13253445	0.45	cps
Thallium	203-1	507	637	580	574	11.35	cps
Thallium	205-1	1307	1270	1430	1336	6.28	cps
Tin	118-1	4471	4441	4494	4469	0.60	cps
Titanium	47-1	49925	49905	51939	50590	2.31	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 22:51:07	DataFile Name :	182SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1753	1767	1897	1806	4.39	cps
Vanadium	51-2	43519	43285	43566	43457	0.35	cps
Yttrium	89-1	17724626	17706482	17817368	17749492	0.34	cps
Yttrium	89-2	5024227	4941593	4903006	4956275	1.25	cps
Zinc	66-2	12909	13146	13590	13215	2.61	cps
Zirconium	90-1	13560	14097	14607	14088	3.72	cps
Zirconium	91-1	3134	3177	3164	3158	0.70	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:54:20	DataFile Name :	183SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3652484	3612025	3587744	3617417	0.90	cps
Antimony	121-1	1230203	1256646	1251817	1246222	1.13	cps
Arsenic	75-2	42534	42434	42210	42393	0.39	cps
Barium	135-1	6766084	6853676	6807651	6809137	0.64	cps
Barium	137-1	11642462	11711501	11667926	11673963	0.30	cps
Beryllium	9-1	62726	65096	64125	63982	1.86	cps
Bismuth	209-1	11570369	9837832	10934292	10780831	8.13	cps
Bismuth	209-2	9560283	9659785	9498097	9572722	0.85	cps
Bromine	81-1	15885	16199	15945	16010	1.04	cps
Bromine	81-2	407	343	363	371	8.72	cps
Cadmium	108-1	10527	11061	10938	10842	2.58	cps
Cadmium	106-1	20047	19270	19179	19499	2.45	cps
Cadmium	111-1	165728	169850	168067	167882	1.23	cps
Calcium	43-1	304448	311017	310055	308507	1.15	cps
Calcium	44-1	4800568	4834270	4856477	4830438	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1100452	1095119	1091447	1095672	0.41	cps
Cobalt	59-2	4241106	4240349	4239724	4240393	0.02	cps
Copper	63-2	1638108	1603828	1589365	1610434	1.55	cps
Dysprosium	156-1	31689	32334	31859	31961	1.05	cps
Dysprosium	156-2	29154	28946	28502	28867	1.15	cps
Erbium	164-1	27677	28693	27270	27880	2.63	cps
Erbium	164-2	20976	20846	21213	21011	0.89	cps
Gadolinium	160-1	30483	31392	31148	31008	1.52	cps
Gadolinium	160-2	25049	25046	24608	24901	1.02	cps
Holmium	165-1	19615160	16521559	18170070	18102263	8.55	cps
Holmium	165-2	13679209	13434859	13374181	13496083	1.20	cps
Indium	115-1	16075940	13508732	14984117	14856263	8.67	cps
Indium	115-2	5555017	5525770	5539376	5540054	0.26	cps
Iron	56-2	136818471	136955965	136311955	136695464	0.25	cps
Iron	57-2	3390455	3346569	3357379	3364801	0.68	cps
Iron	54-2	7408548	7407879	7405810	7407412	0.02	cps
Krypton	83-1	267	320	300	296	9.12	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:54:20	DataFile Name :	183SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	280952	291316	290610	287626	2.01	cps
Lead	207-1	232673	237349	236094	235372	1.03	cps
Lead	208-1	857458	875586	869802	867615	1.07	cps
Lithium	6-1	1871296	1589390	1793224	1751303	8.31	cps
Magnesium	24-2	2241021	2203335	2223271	2222542	0.85	cps
Manganese	55-2	4167445	4112781	4093248	4124491	0.93	cps
Molybdenum	94-1	26437	27680	27259	27125	2.33	cps
Molybdenum	95-1	3904	4041	4264	4070	4.47	cps
Molybdenum	96-1	9697	10070	9863	9877	1.89	cps
Molybdenum	97-1	2444	2484	2450	2459	0.87	cps
Molybdenum	98-1	6431	6748	6411	6530	2.89	cps
Neodymium	150-1	53059	53752	53936	53582	0.86	cps
Neodymium	150-2	33734	34445	34669	34283	1.43	cps
Nickel	60-2	1069775	1071321	1063515	1068204	0.39	cps
Phosphorus	31-2	11394	11424	11077	11299	1.70	cps
Potassium	39-2	1027768	1024455	1019991	1024071	0.38	cps
Rhodium	103-1	15129949	12802919	14196800	14043223	8.34	cps
Rhodium	103-2	8543678	8512009	8477726	8511138	0.39	cps
Scandium	45-1	9133975	7525069	8304276	8321107	9.67	cps
Scandium	45-2	695107	692840	695199	694382	0.19	cps
Selenium	82-1	21375	21711	22046	21711	1.55	cps
Selenium	77-2	2354	2297	2227	2292	2.77	cps
Selenium	78-2	8122	8072	7976	8057	0.93	cps
Silicon	28-1	5084851	5155164	5212559	5150858	1.24	cps
Silver	107-1	755751	777935	771470	768385	1.48	cps
Silver	109-1	714524	739266	731540	728443	1.74	cps
Sodium	23-2	59732	59076	58832	59213	0.79	cps
Strontium	86-1	77044	79470	78360	78291	1.55	cps
Strontium	88-1	681130	697693	690700	689841	1.21	cps
Sulfur	34-1	179858	177835	176709	178134	0.90	cps
Terbium	159-1	19780706	16855888	18545705	18394099	7.98	cps
Terbium	159-2	13241897	13269481	13315728	13275702	0.28	cps
Thallium	203-1	561910	575245	573204	570120	1.26	cps
Thallium	205-1	1329964	1347115	1350493	1342524	0.82	cps
Tin	118-1	7453	5838	6422	6571	12.45	cps
Titanium	47-1	246519	250003	252544	249689	1.21	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:54:20	DataFile Name :	183SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8683	8683	9323	8896	4.16	cps
Vanadium	51-2	2426591	2413184	2426151	2421976	0.31	cps
Yttrium	89-1	19585076	16646102	18344755	18191978	8.11	cps
Yttrium	89-2	4985266	4951569	4945929	4960921	0.43	cps
Zinc	66-2	561916	561687	557095	560232	0.49	cps
Zirconium	90-1	66831	67819	67745	67465	0.82	cps
Zirconium	91-1	15084	15151	15251	15162	0.55	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:57:24	DataFile Name :	184SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3419997	3458740	3419711	3432816	0.65	cps
Antimony	121-1	345992	348902	348547	347814	0.46	cps
Arsenic	75-2	23018	23475	23101	23198	1.05	cps
Barium	135-1	2329454	2321001	2346655	2332370	0.56	cps
Barium	137-1	3977092	4053353	3989215	4006553	1.02	cps
Beryllium	9-1	19883	20614	20597	20365	2.05	cps
Bismuth	209-1	10890149	10778056	10897517	10855241	0.62	cps
Bismuth	209-2	9566589	9575039	9514351	9551993	0.34	cps
Bromine	81-1	15602	15705	15675	15661	0.34	cps
Bromine	81-2	423	457	377	419	9.59	cps
Cadmium	108-1	2967	3477	3104	3183	8.30	cps
Cadmium	106-1	8346	8629	8279	8418	2.21	cps
Cadmium	111-1	49755	49078	49034	49289	0.82	cps
Calcium	43-1	324154	328660	325777	326197	0.70	cps
Calcium	44-1	5019532	5087896	5083101	5063510	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	393917	395767	394270	394651	0.25	cps
Cobalt	59-2	1370115	1360996	1372636	1367916	0.45	cps
Copper	63-2	622482	619942	617285	619903	0.42	cps
Dysprosium	156-1	34045	33921	34105	34023	0.28	cps
Dysprosium	156-2	30156	30537	30683	30459	0.89	cps
Erbium	164-1	29003	29381	29438	29274	0.81	cps
Erbium	164-2	21784	22051	22124	21986	0.81	cps
Gadolinium	160-1	32474	32651	33473	32866	1.62	cps
Gadolinium	160-2	26442	25573	25610	25875	1.90	cps
Holmium	165-1	18246665	17963541	17856140	18022115	1.12	cps
Holmium	165-2	13480438	13428778	13320748	13409988	0.61	cps
Indium	115-1	15035262	14953084	14939483	14975943	0.35	cps
Indium	115-2	5602531	5607808	5510686	5573675	0.98	cps
Iron	56-2	139081201	139048671	139557448	139229107	0.20	cps
Iron	57-2	3488608	3472016	3463644	3474756	0.37	cps
Iron	54-2	7588503	7551201	7599030	7579578	0.33	cps
Krypton	83-1	303	320	307	310	2.85	cps

Reviewed By:mohan
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:57:24	DataFile Name :	184SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	157015	157790	158017	157607	0.33	cps
Lead	207-1	129211	129850	129636	129565	0.25	cps
Lead	208-1	470522	477007	478100	475210	0.86	cps
Lithium	6-1	1780024	1751985	1765131	1765714	0.79	cps
Magnesium	24-2	2425805	2352529	2345034	2374456	1.88	cps
Manganese	55-2	2873800	2909459	2894416	2892558	0.62	cps
Molybdenum	94-1	28665	28732	28311	28569	0.79	cps
Molybdenum	95-1	4144	4014	4277	4145	3.18	cps
Molybdenum	96-1	10397	10047	10344	10263	1.84	cps
Molybdenum	97-1	2410	2610	2610	2544	4.54	cps
Molybdenum	98-1	6648	6505	6755	6636	1.89	cps
Neodymium	150-1	55197	56676	56328	56067	1.38	cps
Neodymium	150-2	35281	35752	35745	35593	0.76	cps
Nickel	60-2	357241	355337	350850	354476	0.93	cps
Phosphorus	31-2	11661	11868	11865	11798	1.00	cps
Potassium	39-2	1059702	1067491	1064235	1063809	0.37	cps
Rhodium	103-1	14049229	13932344	14024139	14001904	0.44	cps
Rhodium	103-2	8651632	8565504	8585733	8600957	0.52	cps
Scandium	45-1	8223990	8251387	8231767	8235715	0.17	cps
Scandium	45-2	698517	698161	693971	696883	0.36	cps
Selenium	82-1	6677	6848	6864	6796	1.52	cps
Selenium	77-2	770	783	773	776	0.89	cps
Selenium	78-2	2830	2777	2737	2781	1.68	cps
Silicon	28-1	5234076	5261247	5178349	5224557	0.81	cps
Silver	107-1	249879	253724	256454	253352	1.30	cps
Silver	109-1	235033	242016	243448	240166	1.87	cps
Sodium	23-2	61857	61586	61435	61626	0.35	cps
Strontium	86-1	82529	83545	83099	83058	0.61	cps
Strontium	88-1	727425	733720	730378	730508	0.43	cps
Sulfur	34-1	174392	174119	175155	174555	0.31	cps
Terbium	159-1	18711168	18458260	18530533	18566653	0.70	cps
Terbium	159-2	13226369	13204569	13137102	13189346	0.35	cps
Thallium	203-1	156804	158314	158203	157774	0.53	cps
Thallium	205-1	370739	373277	376494	373503	0.77	cps
Tin	118-1	5908	12545	5918	8124	47.13	cps
Titanium	47-1	263497	264609	265000	264369	0.29	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 22:57:24	DataFile Name :	184SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9397	9360	9483	9413	0.67	cps
Vanadium	51-2	911533	910026	906736	909432	0.27	cps
Yttrium	89-1	18302304	18079537	18023148	18134997	0.81	cps
Yttrium	89-2	5019647	4963535	4921769	4968317	0.99	cps
Zinc	66-2	218739	219716	219861	219438	0.28	cps
Zirconium	90-1	71225	71161	71171	71186	0.05	cps
Zirconium	91-1	15965	15945	15699	15870	0.94	cps

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On:12/18/2024
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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:00:31	DataFile Name :	185SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2713223	2713373	2680799	2702465	0.69	cps
Antimony	121-1	597	483	560	547	10.58	cps
Arsenic	75-2	6928	6932	6615	6825	2.67	cps
Barium	135-1	370565	377231	373651	373816	0.89	cps
Barium	137-1	645552	652753	645448	647917	0.65	cps
Beryllium	9-1	553	570	570	564	1.71	cps
Bismuth	209-1	10886029	10941118	10811168	10879438	0.60	cps
Bismuth	209-2	9562198	9635852	9602344	9600131	0.38	cps
Bromine	81-1	14464	15208	14988	14886	2.57	cps
Bromine	81-2	343	380	333	352	6.98	cps
Cadmium	108-1	120	83	67	90	30.31	cps
Cadmium	106-1	4387	4331	4194	4304	2.31	cps
Cadmium	111-1	3351	3320	3312	3328	0.61	cps
Calcium	43-1	345300	347502	344336	345713	0.47	cps
Calcium	44-1	5392056	5443197	5414209	5416487	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82216	81850	81247	81771	0.60	cps
Cobalt	59-2	81623	81469	81814	81636	0.21	cps
Copper	63-2	112052	112210	112025	112096	0.09	cps
Dysprosium	156-1	29795	29989	30486	30090	1.19	cps
Dysprosium	156-2	27433	27580	27864	27626	0.79	cps
Erbium	164-1	25861	26171	25477	25836	1.35	cps
Erbium	164-2	18753	19207	18946	18968	1.20	cps
Gadolinium	160-1	28823	29468	29204	29165	1.11	cps
Gadolinium	160-2	23256	23436	23159	23284	0.60	cps
Holmium	165-1	18272552	18051174	17853128	18058951	1.16	cps
Holmium	165-2	13286968	13381883	13395436	13354762	0.44	cps
Indium	115-1	15049003	14933698	14744909	14909204	1.03	cps
Indium	115-2	5597222	5607126	5609138	5604495	0.11	cps
Iron	56-2	85541729	85164900	85664299	85456976	0.30	cps
Iron	57-2	2148002	2147542	2151007	2148851	0.09	cps
Iron	54-2	4645442	4549539	4725812	4640264	1.90	cps
Krypton	83-1	343	300	277	307	11.03	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:00:31	DataFile Name :	185SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	67490	68136	67178	67601	0.72	cps
Lead	207-1	54382	55961	55747	55363	1.55	cps
Lead	208-1	200490	204780	203621	202963	1.09	cps
Lithium	6-1	1789891	1745739	1729315	1754982	1.79	cps
Magnesium	24-2	2307608	2348287	2338384	2331426	0.91	cps
Manganese	55-2	2084907	2058565	2067309	2070260	0.65	cps
Molybdenum	94-1	34567	35496	35115	35060	1.33	cps
Molybdenum	95-1	1203	1280	1237	1240	3.10	cps
Molybdenum	96-1	7625	7952	7859	7812	2.15	cps
Molybdenum	97-1	653	720	703	692	5.01	cps
Molybdenum	98-1	1923	1737	1850	1837	5.12	cps
Neodymium	150-1	54398	54157	53464	54006	0.90	cps
Neodymium	150-2	33964	33670	33971	33868	0.51	cps
Nickel	60-2	31202	31122	31202	31176	0.15	cps
Phosphorus	31-2	9203	9416	9553	9391	1.88	cps
Potassium	39-2	790108	787436	792538	790027	0.32	cps
Rhodium	103-1	14174693	14033473	14066335	14091500	0.52	cps
Rhodium	103-2	8651825	8599664	8633228	8628239	0.31	cps
Scandium	45-1	8317954	8174352	8230296	8240867	0.88	cps
Scandium	45-2	702472	698652	697202	699442	0.39	cps
Selenium	82-1	688	718	686	698	2.57	cps
Selenium	77-2	107	110	93	103	8.54	cps
Selenium	78-2	570	627	547	581	7.08	cps
Silicon	28-1	2917935	2919841	2948492	2928756	0.58	cps
Silver	107-1	1023	897	853	924	9.56	cps
Silver	109-1	823	770	693	762	8.57	cps
Sodium	23-2	62242	63172	62131	62515	0.91	cps
Strontium	86-1	205673	208249	206416	206779	0.64	cps
Strontium	88-1	1833024	1844137	1839579	1838913	0.30	cps
Sulfur	34-1	167348	171382	173741	170824	1.89	cps
Terbium	159-1	18591953	18464325	18459124	18505134	0.41	cps
Terbium	159-2	13259284	12955774	13227194	13147417	1.27	cps
Thallium	203-1	1157	1160	1047	1121	5.75	cps
Thallium	205-1	2847	2967	2710	2841	4.52	cps
Tin	118-1	4611	4397	4591	4533	2.60	cps
Titanium	47-1	177882	181451	180240	179857	1.01	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:00:31	DataFile Name :	185SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8343	8546	8296	8395	1.58	cps
Vanadium	51-2	131127	130495	130575	130732	0.26	cps
Yttrium	89-1	18327833	17968602	18109141	18135192	1.00	cps
Yttrium	89-2	4998454	5022923	4968572	4996650	0.54	cps
Zinc	66-2	49980	49793	50151	49974	0.36	cps
Zirconium	90-1	93670	92744	93287	93233	0.50	cps
Zirconium	91-1	20451	20471	20908	20610	1.25	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:03:41	DataFile Name :	186SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2804491	2829957	2806792	2813747	0.50	cps
Antimony	121-1	407	407	413	409	0.94	cps
Arsenic	75-2	6888	7015	6805	6903	1.53	cps
Barium	135-1	379239	379170	380136	379515	0.14	cps
Barium	137-1	654820	657902	657332	656685	0.25	cps
Beryllium	9-1	487	583	573	548	9.70	cps
Bismuth	209-1	11053815	10937705	11037394	11009638	0.57	cps
Bismuth	209-2	9721535	9607089	9551064	9626563	0.90	cps
Bromine	81-1	15031	14954	14644	14876	1.38	cps
Bromine	81-2	387	363	360	370	3.93	cps
Cadmium	108-1	83	123	123	110	21.00	cps
Cadmium	106-1	4284	4294	4224	4267	0.89	cps
Cadmium	111-1	3340	3276	3230	3282	1.68	cps
Calcium	43-1	354963	354976	349377	353105	0.91	cps
Calcium	44-1	5584153	5441157	5537132	5520814	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81200	81774	80667	81214	0.68	cps
Cobalt	59-2	83209	83021	83645	83292	0.38	cps
Copper	63-2	117500	116321	116660	116827	0.52	cps
Dysprosium	156-1	30386	30757	31238	30794	1.39	cps
Dysprosium	156-2	28973	27901	28225	28366	1.94	cps
Erbium	164-1	26515	26555	26495	26522	0.12	cps
Erbium	164-2	19510	19280	19941	19577	1.71	cps
Gadolinium	160-1	30109	30129	29865	30034	0.49	cps
Gadolinium	160-2	24214	24228	23914	24119	0.74	cps
Holmium	165-1	18068922	18203354	18077728	18116668	0.42	cps
Holmium	165-2	13658868	13383369	13599506	13547248	1.07	cps
Indium	115-1	14975458	15025191	15029502	15010050	0.20	cps
Indium	115-2	5660061	5713395	5684064	5685840	0.47	cps
Iron	56-2	88252275	88201722	88353469	88269155	0.09	cps
Iron	57-2	2189404	2210580	2221145	2207043	0.73	cps
Iron	54-2	4820254	4730650	4774691	4775198	0.94	cps
Krypton	83-1	297	313	293	301	3.56	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:03:41	DataFile Name :	186SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	70130	71487	71125	70914	0.99	cps
Lead	207-1	57277	58364	58100	57914	0.98	cps
Lead	208-1	212283	213621	213796	213233	0.39	cps
Lithium	6-1	1772803	1748439	1765635	1762292	0.71	cps
Magnesium	24-2	2446613	2428642	2413729	2429662	0.68	cps
Manganese	55-2	2106705	2113044	2104036	2107928	0.22	cps
Molybdenum	94-1	34387	35717	35413	35172	1.98	cps
Molybdenum	95-1	1183	1087	1240	1170	6.63	cps
Molybdenum	96-1	8022	7826	7755	7868	1.76	cps
Molybdenum	97-1	683	790	697	723	8.03	cps
Molybdenum	98-1	1740	1753	1667	1720	2.71	cps
Neodymium	150-1	55790	55750	55198	55579	0.60	cps
Neodymium	150-2	35725	36123	35632	35827	0.73	cps
Nickel	60-2	32068	31894	32395	32119	0.79	cps
Phosphorus	31-2	10007	9693	9556	9752	2.37	cps
Potassium	39-2	805768	799030	803144	802647	0.42	cps
Rhodium	103-1	14110584	14065668	14249452	14141901	0.68	cps
Rhodium	103-2	8707548	8622929	8742691	8691056	0.71	cps
Scandium	45-1	8232020	8272296	8311956	8272090	0.48	cps
Scandium	45-2	707346	711417	709994	709586	0.29	cps
Selenium	82-1	817	718	798	778	6.70	cps
Selenium	77-2	53	130	90	91	42.09	cps
Selenium	78-2	597	563	653	604	7.53	cps
Silicon	28-1	3461454	3311269	3351518	3374747	2.30	cps
Silver	107-1	580	590	553	574	3.30	cps
Silver	109-1	547	440	483	490	10.95	cps
Sodium	23-2	61044	61241	66356	62880	4.79	cps
Strontium	86-1	212220	212771	213955	212982	0.42	cps
Strontium	88-1	1893777	1900956	1872378	1889037	0.79	cps
Sulfur	34-1	175366	176483	178600	176816	0.93	cps
Terbium	159-1	18536203	18451087	18625469	18537587	0.47	cps
Terbium	159-2	13428109	13458508	13365149	13417255	0.35	cps
Thallium	203-1	933	1013	1007	984	4.51	cps
Thallium	205-1	2437	2604	2627	2556	4.06	cps
Tin	118-1	4141	4361	4157	4220	2.90	cps
Titanium	47-1	180705	181737	183256	181899	0.71	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:03:41	DataFile Name :	186SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8279	8429	8519	8409	1.44	cps
Vanadium	51-2	133754	133195	134597	133849	0.53	cps
Yttrium	89-1	18327409	18265771	18179126	18257435	0.41	cps
Yttrium	89-2	5041507	5065879	5094945	5067444	0.53	cps
Zinc	66-2	51137	51177	50819	51045	0.38	cps
Zirconium	90-1	93073	94193	93592	93619	0.60	cps
Zirconium	91-1	20828	21262	20618	20903	1.57	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 23:06:49	DataFile Name :	187SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	534216	528719	528124	530353	0.63	cps
Antimony	121-1	120	157	197	158	24.30	cps
Arsenic	75-2	1523	1447	1393	1455	4.49	cps
Barium	135-1	73545	73223	74289	73686	0.74	cps
Barium	137-1	126083	128406	129184	127891	1.26	cps
Beryllium	9-1	147	107	147	133	17.32	cps
Bismuth	209-1	10923012	11116147	11202808	11080655	1.29	cps
Bismuth	209-2	9557016	9851485	9956752	9788418	2.12	cps
Bromine	81-1	16606	16886	16786	16760	0.85	cps
Bromine	81-2	400	330	417	382	12.03	cps
Cadmium	108-1	23	37	37	32	23.90	cps
Cadmium	106-1	4284	4361	3994	4213	4.59	cps
Cadmium	111-1	3069	3110	2883	3021	4.00	cps
Calcium	43-1	68222	68838	69441	68834	0.89	cps
Calcium	44-1	1128835	1141385	1143869	1138029	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17904	17924	17600	17809	1.02	cps
Cobalt	59-2	16539	16873	16312	16575	1.70	cps
Copper	63-2	23348	23732	23742	23608	0.95	cps
Dysprosium	156-1	5948	6175	5935	6019	2.24	cps
Dysprosium	156-2	5404	5735	5708	5616	3.27	cps
Erbium	164-1	4934	5168	5158	5087	2.59	cps
Erbium	164-2	4001	3937	3841	3926	2.05	cps
Gadolinium	160-1	5801	5798	5831	5810	0.32	cps
Gadolinium	160-2	5241	5244	5341	5275	1.08	cps
Holmium	165-1	18306828	18098241	18232672	18212580	0.58	cps
Holmium	165-2	13339410	13706907	13602861	13549726	1.40	cps
Indium	115-1	15424694	15495755	15036679	15319043	1.61	cps
Indium	115-2	5761743	5739181	5715455	5738793	0.40	cps
Iron	56-2	17402234	17294098	17246456	17314263	0.46	cps
Iron	57-2	446674	443136	442411	444074	0.51	cps
Iron	54-2	963141	962354	963461	962985	0.06	cps
Krypton	83-1	293	210	240	248	17.04	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 23:06:49	DataFile Name :	187SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13860	13837	14284	13994	1.80	cps
Lead	207-1	11285	11622	11291	11399	1.69	cps
Lead	208-1	41344	42478	42358	42060	1.48	cps
Lithium	6-1	1742932	1727054	1743457	1737814	0.54	cps
Magnesium	24-2	450841	450062	452827	451243	0.32	cps
Manganese	55-2	418110	417488	418601	418067	0.13	cps
Molybdenum	94-1	6938	7195	7342	7158	2.85	cps
Molybdenum	95-1	330	367	283	327	12.78	cps
Molybdenum	96-1	1913	1717	1800	1810	5.45	cps
Molybdenum	97-1	197	263	207	222	16.18	cps
Molybdenum	98-1	550	553	470	524	9.00	cps
Neodymium	150-1	10687	10677	10577	10647	0.57	cps
Neodymium	150-2	6895	6952	6562	6803	3.10	cps
Nickel	60-2	6772	6908	6832	6837	1.00	cps
Phosphorus	31-2	2067	2067	1990	2041	2.17	cps
Potassium	39-2	209278	208156	207352	208262	0.46	cps
Rhodium	103-1	14426183	14534085	14605669	14521979	0.62	cps
Rhodium	103-2	8928247	8796115	8746551	8823638	1.06	cps
Scandium	45-1	8401113	8330216	8198484	8309938	1.24	cps
Scandium	45-2	714575	708695	710845	711372	0.42	cps
Selenium	82-1	808	827	779	805	3.04	cps
Selenium	77-2	7	20	23	17	52.90	cps
Selenium	78-2	513	563	547	541	4.70	cps
Silicon	28-1	1431525	1420922	1409414	1420621	0.78	cps
Silver	107-1	250	227	213	230	8.07	cps
Silver	109-1	217	203	173	198	11.22	cps
Sodium	23-2	36497	37168	36440	36701	1.10	cps
Strontium	86-1	41114	41412	41742	41423	0.76	cps
Strontium	88-1	364838	368585	365698	366374	0.54	cps
Sulfur	34-1	176479	176284	176607	176457	0.09	cps
Terbium	159-1	18569044	18837218	19003451	18803238	1.17	cps
Terbium	159-2	13479407	13379382	13382649	13413813	0.42	cps
Thallium	203-1	340	437	350	376	14.15	cps
Thallium	205-1	913	900	927	913	1.46	cps
Tin	118-1	3410	3470	3367	3416	1.52	cps
Titanium	47-1	35839	36969	34994	35934	2.76	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	20
Date & Time Acquired :	2024-12-13 23:06:49	DataFile Name :	187SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1583	1790	1693	1689	6.12	cps
Vanadium	51-2	25892	25251	25775	25640	1.33	cps
Yttrium	89-1	18156010	18138436	18219408	18171285	0.23	cps
Yttrium	89-2	5038149	5032297	5003312	5024586	0.37	cps
Zinc	66-2	10287	10644	10354	10428	1.82	cps
Zirconium	90-1	19103	18752	19189	19015	1.22	cps
Zirconium	91-1	3984	4264	4721	4323	8.60	cps

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On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:10:05	DataFile Name :	188SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2917616	2872540	2901982	2897379	0.79	cps
Antimony	121-1	326302	327525	328909	327579	0.40	cps
Arsenic	75-2	14030	14574	13943	14182	2.41	cps
Barium	135-1	2057907	2043671	2015538	2039038	1.06	cps
Barium	137-1	3501340	3555067	3522860	3526422	0.77	cps
Beryllium	9-1	16098	16385	16542	16342	1.38	cps
Bismuth	209-1	11109300	11219374	11289740	11206138	0.81	cps
Bismuth	209-2	9747758	9752919	9859955	9786877	0.65	cps
Bromine	81-1	16106	16740	16826	16557	2.38	cps
Bromine	81-2	357	340	350	349	2.40	cps
Cadmium	108-1	2944	2970	2920	2945	0.85	cps
Cadmium	106-1	8866	8503	8152	8507	4.20	cps
Cadmium	111-1	47170	46933	46462	46855	0.77	cps
Calcium	43-1	355155	355226	357134	355838	0.32	cps
Calcium	44-1	5602308	5561419	5598755	5587494	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	340928	341732	342779	341813	0.27	cps
Cobalt	59-2	1107610	1108854	1118801	1111755	0.55	cps
Copper	63-2	475202	477680	472053	474978	0.59	cps
Dysprosium	156-1	30884	30854	31449	31062	1.08	cps
Dysprosium	156-2	27908	28395	28803	28369	1.58	cps
Erbium	164-1	26261	26445	26675	26461	0.78	cps
Erbium	164-2	19293	19984	19484	19587	1.82	cps
Gadolinium	160-1	29605	30433	29651	29896	1.56	cps
Gadolinium	160-2	23416	23653	24181	23750	1.65	cps
Holmium	165-1	18650343	18309763	18495666	18485257	0.92	cps
Holmium	165-2	13637842	13672422	13753421	13687895	0.43	cps
Indium	115-1	15540321	15411994	15437636	15463317	0.44	cps
Indium	115-2	5725463	5777245	5792930	5765213	0.61	cps
Iron	56-2	88225319	88937409	87795795	88319508	0.65	cps
Iron	57-2	2217327	2191750	2189112	2199396	0.71	cps
Iron	54-2	4770371	4821912	4791988	4794757	0.54	cps
Krypton	83-1	313	340	307	320	5.51	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:10:05	DataFile Name :	188SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	118961	120663	121104	120243	0.94	cps
Lead	207-1	97402	98796	96644	97614	1.12	cps
Lead	208-1	357921	361411	359965	359766	0.49	cps
Lithium	6-1	1788445	1748353	1801731	1779510	1.56	cps
Magnesium	24-2	2389538	2355184	2374729	2373150	0.73	cps
Manganese	55-2	2626756	2634123	2606172	2622351	0.55	cps
Molybdenum	94-1	34872	35463	35677	35337	1.18	cps
Molybdenum	95-1	1327	1257	1190	1258	5.43	cps
Molybdenum	96-1	8142	8066	8109	8106	0.47	cps
Molybdenum	97-1	733	770	803	769	4.55	cps
Molybdenum	98-1	1947	2017	1943	1969	2.10	cps
Neodymium	150-1	55020	55147	56335	55501	1.31	cps
Neodymium	150-2	34833	34813	34826	34824	0.03	cps
Nickel	60-2	295547	294993	296615	295718	0.28	cps
Phosphorus	31-2	9193	9633	9576	9467	2.53	cps
Potassium	39-2	800903	800630	797835	799789	0.21	cps
Rhodium	103-1	14595282	14354214	14472590	14474028	0.83	cps
Rhodium	103-2	8709777	8903157	8812713	8808549	1.10	cps
Scandium	45-1	8613733	8493535	8480866	8529378	0.86	cps
Scandium	45-2	714620	716745	720904	717423	0.45	cps
Selenium	82-1	5804	5854	5837	5832	0.44	cps
Selenium	77-2	637	633	683	651	4.29	cps
Selenium	78-2	2584	2424	2434	2480	3.61	cps
Silicon	28-1	3087771	3111675	3116982	3105476	0.50	cps
Silver	107-1	201857	205629	206350	204612	1.18	cps
Silver	109-1	191476	194182	195665	193775	1.10	cps
Sodium	23-2	59511	60381	60257	60050	0.78	cps
Strontium	86-1	213395	215199	216546	215047	0.74	cps
Strontium	88-1	1896248	1880273	1879955	1885492	0.49	cps
Sulfur	34-1	182448	183649	183450	183182	0.35	cps
Terbium	159-1	19005985	19108338	19005403	19039909	0.31	cps
Terbium	159-2	13642486	13752181	13767503	13720723	0.50	cps
Thallium	203-1	149891	151572	153699	151721	1.26	cps
Thallium	205-1	355101	356361	355966	355809	0.18	cps
Tin	118-1	3851	3584	3667	3701	3.69	cps
Titanium	47-1	184999	184499	183845	184448	0.31	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:10:05	DataFile Name :	188SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8950	8526	8536	8671	2.79	cps
Vanadium	51-2	691356	693629	687684	690890	0.43	cps
Yttrium	89-1	18780230	18517213	18630186	18642543	0.71	cps
Yttrium	89-2	5095483	5134136	5123784	5117801	0.39	cps
Zinc	66-2	175198	175660	175795	175551	0.18	cps
Zirconium	90-1	94092	94558	94669	94440	0.32	cps
Zirconium	91-1	21225	21185	21112	21174	0.27	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:13:11	DataFile Name :	189SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3142353	3217130	3174438	3177974	1.18	cps
Antimony	121-1	1266031	1260031	1264698	1263586	0.25	cps
Arsenic	75-2	34838	34711	34002	34517	1.30	cps
Barium	135-1	6749686	6764739	6710643	6741689	0.41	cps
Barium	137-1	11623448	11508292	11525537	11552426	0.54	cps
Beryllium	9-1	61565	61488	62655	61903	1.06	cps
Bismuth	209-1	10469497	11351052	11311134	11043895	4.51	cps
Bismuth	209-2	9912131	9885388	9691878	9829799	1.22	cps
Bromine	81-1	16613	16479	16673	16588	0.60	cps
Bromine	81-2	303	400	410	371	15.87	cps
Cadmium	108-1	11141	11061	11251	11151	0.86	cps
Cadmium	106-1	19670	19363	19376	19470	0.89	cps
Cadmium	111-1	172193	171832	169935	171320	0.71	cps
Calcium	43-1	349009	347984	348056	348350	0.16	cps
Calcium	44-1	5470740	5482303	5451018	5468020	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1071658	1067785	1068000	1069147	0.20	cps
Cobalt	59-2	4077435	4031276	4075839	4061516	0.65	cps
Copper	63-2	1488509	1487943	1475771	1484075	0.48	cps
Dysprosium	156-1	30116	30607	30440	30387	0.82	cps
Dysprosium	156-2	27450	28081	27717	27750	1.14	cps
Erbium	164-1	25817	25961	26392	26057	1.15	cps
Erbium	164-2	19323	19333	18936	19198	1.18	cps
Gadolinium	160-1	29287	29508	28957	29251	0.95	cps
Gadolinium	160-2	22822	23239	23249	23104	1.06	cps
Holmium	165-1	17304305	18698591	18390533	18131143	4.04	cps
Holmium	165-2	13934557	13720689	13650061	13768436	1.08	cps
Indium	115-1	14623742	15533956	15209160	15122286	3.05	cps
Indium	115-2	5690476	5661407	5669131	5673671	0.27	cps
Iron	56-2	89503815	88645152	88636765	88928578	0.56	cps
Iron	57-2	2205765	2203818	2193713	2201099	0.29	cps
Iron	54-2	4942384	4893353	4840594	4892110	1.04	cps
Krypton	83-1	290	377	310	326	13.94	cps

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LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:13:11	DataFile Name :	189SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	263562	262795	264014	263457	0.23	cps
Lead	207-1	213357	214270	213928	213852	0.22	cps
Lead	208-1	785846	793838	798508	792731	0.81	cps
Lithium	6-1	1673088	1813848	1790309	1759082	4.29	cps
Magnesium	24-2	2327557	2309834	2298525	2311972	0.63	cps
Manganese	55-2	4015879	3987479	3977806	3993721	0.50	cps
Molybdenum	94-1	34624	34083	35159	34622	1.55	cps
Molybdenum	95-1	1283	1277	1297	1286	0.79	cps
Molybdenum	96-1	7705	7929	7785	7807	1.45	cps
Molybdenum	97-1	717	730	690	712	2.86	cps
Molybdenum	98-1	2057	1957	1947	1987	3.06	cps
Neodymium	150-1	55084	53655	54010	54249	1.37	cps
Neodymium	150-2	33800	33770	34148	33906	0.62	cps
Nickel	60-2	1036432	1036797	1039223	1037484	0.15	cps
Phosphorus	31-2	9333	9486	9026	9282	2.53	cps
Potassium	39-2	772631	775065	773577	773758	0.16	cps
Rhodium	103-1	13749823	14442991	14269787	14154200	2.55	cps
Rhodium	103-2	8782922	8732497	8687494	8734304	0.55	cps
Scandium	45-1	7937572	8554187	8383707	8291822	3.84	cps
Scandium	45-2	705339	706822	706040	706067	0.11	cps
Selenium	82-1	22225	22445	22440	22370	0.56	cps
Selenium	77-2	2270	2487	2520	2426	5.60	cps
Selenium	78-2	8182	8249	8256	8229	0.49	cps
Silicon	28-1	3342159	3342892	3327374	3337475	0.26	cps
Silver	107-1	801364	802255	798214	800611	0.27	cps
Silver	109-1	760270	760358	765904	762177	0.42	cps
Sodium	23-2	58370	58434	59427	58744	1.01	cps
Strontium	86-1	206396	206967	207440	206935	0.25	cps
Strontium	88-1	1875773	1850067	1875399	1867080	0.79	cps
Sulfur	34-1	179440	179251	176334	178341	0.98	cps
Terbium	159-1	18076336	19245505	18814929	18712257	3.16	cps
Terbium	159-2	13542930	13630769	13493283	13555660	0.51	cps
Thallium	203-1	580928	582449	577387	580255	0.45	cps
Thallium	205-1	1374529	1393224	1374275	1380676	0.79	cps
Tin	118-1	4037	3817	3764	3873	3.74	cps
Titanium	47-1	176773	177141	175370	176428	0.53	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5178-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:13:11	DataFile Name :	189SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8456	8539	8489	8495	0.49	cps
Vanadium	51-2	2284115	2257683	2272188	2271329	0.58	cps
Yttrium	89-1	17614408	18946396	18454239	18338348	3.67	cps
Yttrium	89-2	5039698	5053767	5064559	5052674	0.25	cps
Zinc	66-2	534563	528879	527834	530425	0.68	cps
Zirconium	90-1	91496	92660	90905	91687	0.97	cps
Zirconium	91-1	20772	20625	20127	20508	1.65	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:16:14	DataFile Name :	190SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6462354	6482481	6426239	6457024	0.44	cps
Antimony	121-1	75081	75959	76110	75717	0.73	cps
Arsenic	75-2	12105	11985	11972	12020	0.61	cps
Barium	135-1	82996	83090	82973	83020	0.07	cps
Barium	137-1	142583	143027	143509	143040	0.32	cps
Beryllium	9-1	270	247	230	249	8.07	cps
Bismuth	209-1	11201476	11127448	11067801	11132242	0.60	cps
Bismuth	209-2	9774834	9563509	9697539	9678627	1.10	cps
Bromine	81-1	16810	16946	16703	16820	0.73	cps
Bromine	81-2	387	363	350	367	5.06	cps
Cadmium	108-1	97	107	90	98	8.58	cps
Cadmium	106-1	4864	4534	4557	4652	3.96	cps
Cadmium	111-1	4344	4106	4074	4175	3.53	cps
Calcium	43-1	385101	393429	389698	389409	1.07	cps
Calcium	44-1	6075696	6147221	6102414	6108444	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	433725	431885	429274	431628	0.52	cps
Cobalt	59-2	277935	276521	274433	276296	0.64	cps
Copper	63-2	620089	617463	616739	618097	0.29	cps
Dysprosium	156-1	16460	16433	16440	16444	0.08	cps
Dysprosium	156-2	13423	13336	13557	13439	0.83	cps
Erbium	164-1	21303	21283	22371	21652	2.88	cps
Erbium	164-2	16330	16370	15926	16208	1.51	cps
Gadolinium	160-1	18803	18920	18122	18615	2.31	cps
Gadolinium	160-2	15078	14601	14581	14753	1.91	cps
Holmium	165-1	18657034	18287631	18521401	18488689	1.01	cps
Holmium	165-2	13886366	13587706	13761580	13745217	1.09	cps
Indium	115-1	15468878	15383109	15469638	15440542	0.32	cps
Indium	115-2	5763085	5716630	5662634	5714116	0.88	cps
Iron	56-2	246663036	245235270	247669176	246522494	0.50	cps
Iron	57-2	6168485	6095311	6121502	6128432	0.60	cps
Iron	54-2	13283322	13379149	13302886	13321785	0.38	cps
Krypton	83-1	263	347	320	310	13.73	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:16:14	DataFile Name :	190SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	54542	54843	54887	54757	0.34	cps
Lead	207-1	46275	46957	46041	46424	1.03	cps
Lead	208-1	167611	169181	169073	168622	0.52	cps
Lithium	6-1	1804259	1789806	1789516	1794527	0.47	cps
Magnesium	24-2	8204293	8178527	8075946	8152922	0.83	cps
Manganese	55-2	4429904	4429858	4386352	4415371	0.57	cps
Molybdenum	94-1	7959	7819	7846	7874	0.94	cps
Molybdenum	95-1	2827	2884	3057	2923	4.10	cps
Molybdenum	96-1	6822	7212	6498	6844	5.22	cps
Molybdenum	97-1	1917	1637	1537	1697	11.61	cps
Molybdenum	98-1	4437	4471	4161	4356	3.91	cps
Neodymium	150-1	17955	17951	17978	17962	0.08	cps
Neodymium	150-2	10841	11475	11094	11137	2.86	cps
Nickel	60-2	117445	117230	117472	117383	0.11	cps
Phosphorus	31-2	5975	6011	6215	6067	2.13	cps
Potassium	39-2	581041	579747	577537	579442	0.31	cps
Rhodium	103-1	14452378	14360284	14438342	14417001	0.34	cps
Rhodium	103-2	8828117	8762692	8787080	8792630	0.38	cps
Scandium	45-1	8725789	8674063	8688778	8696210	0.31	cps
Scandium	45-2	740097	736629	735881	737536	0.30	cps
Selenium	82-1	930	761	756	815	12.13	cps
Selenium	77-2	67	43	60	57	21.21	cps
Selenium	78-2	603	563	673	613	9.08	cps
Silicon	28-1	1903756	1947072	1963590	1938139	1.59	cps
Silver	107-1	2110	2120	2100	2110	0.47	cps
Silver	109-1	2114	1840	1820	1925	8.52	cps
Sodium	23-2	57868	57898	58310	58025	0.43	cps
Strontium	86-1	81353	82580	82754	82229	0.93	cps
Strontium	88-1	708725	718720	719108	715518	0.82	cps
Sulfur	34-1	175151	176219	174272	175214	0.56	cps
Terbium	159-1	19145236	19145461	19174058	19154918	0.09	cps
Terbium	159-2	13564899	13521787	13439656	13508781	0.47	cps
Thallium	203-1	2927	3050	3157	3045	3.78	cps
Thallium	205-1	6852	7182	7372	7135	3.69	cps
Tin	118-1	6438	6595	6635	6556	1.59	cps
Titanium	47-1	663314	667639	667564	666172	0.37	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	P5179-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	4
Date & Time Acquired :	2024-12-13 23:16:14	DataFile Name :	190SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2700	2667	2787	2718	2.28	cps
Vanadium	51-2	674000	660141	661540	665227	1.15	cps
Yttrium	89-1	18622883	18557056	18590067	18590002	0.18	cps
Yttrium	89-2	5084773	5050474	5062537	5065928	0.34	cps
Zinc	66-2	74849	74444	74920	74738	0.34	cps
Zirconium	90-1	16036	16756	16496	16429	2.22	cps
Zirconium	91-1	3544	3630	3587	3587	1.21	cps

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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 23:25:20	DataFile Name :	193CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16461356	16504934	16457339	16474543	0.16	cps
Antimony	121-1	7790564	7860094	7794936	7815198	0.50	cps
Arsenic	75-2	411008	410319	406211	409180	0.63	cps
Barium	135-1	9940343	10074661	9815992	9943665	1.30	cps
Barium	137-1	17103467	17181883	16942801	17076050	0.71	cps
Beryllium	9-1	770252	780079	772047	774126	0.68	cps
Bismuth	209-1	10020000	10136152	10078190	10078114	0.58	cps
Bismuth	209-2	8763121	8848825	8735608	8782518	0.67	cps
Bromine	81-1	14050	13890	13413	13784	2.40	cps
Bromine	81-2	83	147	170	133	33.64	cps
Cadmium	108-1	151829	152988	152509	152442	0.38	cps
Cadmium	106-1	217068	216860	218989	217639	0.54	cps
Cadmium	111-1	2065949	2111059	2070083	2082364	1.20	cps
Calcium	43-1	9995501	9879400	9815061	9896654	0.92	cps
Calcium	44-1	162616624	161275584	159899501	161263903	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2879367	2853681	2891369	2874806	0.67	cps
Cobalt	59-2	4556930	4560846	4494611	4537462	0.82	cps
Copper	63-2	33703065	33424091	33134349	33420502	0.85	cps
Dysprosium	156-1	500	530	440	490	9.35	cps
Dysprosium	156-2	803	757	833	798	4.84	cps
Erbium	164-1	457	457	487	467	3.71	cps
Erbium	164-2	397	343	410	383	9.20	cps
Gadolinium	160-1	473	390	443	436	9.69	cps
Gadolinium	160-2	1057	1023	1003	1028	2.62	cps
Holmium	165-1	17349884	17427109	17520117	17432370	0.49	cps
Holmium	165-2	13231151	13179319	13097100	13169190	0.51	cps
Indium	115-1	13502197	13485573	13622748	13536839	0.55	cps
Indium	115-2	5106833	4984825	5038825	5043494	1.21	cps
Iron	56-2	684907536	672661910	672616057	676728501	1.05	cps
Iron	57-2	17089298	17026521	16819941	16978587	0.83	cps
Iron	54-2	36545549	36269721	36398656	36404642	0.38	cps
Krypton	83-1	330	320	227	292	19.50	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 23:25:20	DataFile Name :	193CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	30039614	30333251	30155569	30176145	0.49	cps
Lead	207-1	26280270	26294059	26195415	26256582	0.20	cps
Lead	208-1	95013154	95913360	95531485	95486000	0.47	cps
Lithium	6-1	1754953	1753625	1753571	1754050	0.04	cps
Magnesium	24-2	123136962	123059358	122335685	122844002	0.36	cps
Manganese	55-2	23389275	23289712	23045129	23241372	0.76	cps
Molybdenum	94-1	28024503	28338335	28031065	28131301	0.64	cps
Molybdenum	95-1	40169381	40690664	40273259	40377768	0.68	cps
Molybdenum	96-1	44376208	44504154	44293688	44391350	0.24	cps
Molybdenum	97-1	25308846	25297211	25045910	25217323	0.59	cps
Molybdenum	98-1	65380819	65355301	64122862	64952994	1.11	cps
Neodymium	150-1	847	737	780	788	7.03	cps
Neodymium	150-2	330	273	290	298	9.78	cps
Nickel	60-2	1183874	1178956	1175776	1179536	0.35	cps
Phosphorus	31-2	148845	148492	145974	147770	1.06	cps
Potassium	39-2	80887140	80428224	80072625	80462663	0.51	cps
Rhodium	103-1	12194196	12241181	12153877	12196418	0.36	cps
Rhodium	103-2	7526770	7382673	7476591	7462011	0.98	cps
Scandium	45-1	7610261	7562669	7501119	7558016	0.72	cps
Scandium	45-2	635495	629980	628595	631357	0.58	cps
Selenium	82-1	120775	120471	120401	120549	0.17	cps
Selenium	77-2	12859	12112	12022	12331	3.73	cps
Selenium	78-2	41919	42026	42133	42026	0.25	cps
Silicon	28-1	68985076	68557372	67908956	68483801	0.79	cps
Silver	107-1	10252923	10361685	10319529	10311379	0.53	cps
Silver	109-1	9767400	9747276	9866176	9793617	0.65	cps
Sodium	23-2	197250050	196490664	194748157	196162957	0.65	cps
Strontium	86-1	2481509	2446063	2456414	2461329	0.74	cps
Strontium	88-1	21553091	21727432	21676336	21652286	0.41	cps
Sulfur	34-1	721002	715775	713446	716741	0.54	cps
Terbium	159-1	17665627	17844027	17826189	17778614	0.55	cps
Terbium	159-2	12816954	12790629	12821724	12809769	0.13	cps
Thallium	203-1	7487243	7503922	7528389	7506518	0.28	cps
Thallium	205-1	17842365	18065536	18071340	17993080	0.73	cps
Tin	118-1	6559467	6627814	6585651	6590977	0.52	cps
Titanium	47-1	9340892	9464422	9361747	9389020	0.70	cps

Reviewed By:mohan
On:12/18/2024
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Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 23:25:20	DataFile Name :	193CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23724880	24140480	23804731	23890031	0.92	cps
Vanadium	51-2	2595323	2547734	2568188	2570415	0.93	cps
Yttrium	89-1	16304673	16405208	16460357	16390079	0.48	cps
Yttrium	89-2	4555317	4486750	4414777	4485615	1.57	cps
Zinc	66-2	5874512	5837111	5833687	5848437	0.39	cps
Zirconium	90-1	13973349	13838015	13614323	13808562	1.31	cps
Zirconium	91-1	3063824	3116312	3032565	3070900	1.38	cps

Reviewed By:mohan
On:12/18/2024
10:31:08 PM
Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 23:28:02	DataFile Name :	194CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	760	777	797	778	2.36	cps
Antimony	121-1	3641	3244	2847	3244	12.23	cps
Arsenic	75-2	23	33	43	33	30.00	cps
Barium	135-1	750	570	543	621	18.10	cps
Barium	137-1	1267	1007	803	1026	22.65	cps
Beryllium	9-1	153	193	137	161	18.08	cps
Bismuth	209-1	10498447	10609645	10809711	10639268	1.48	cps
Bismuth	209-2	9596246	9576871	9594998	9589372	0.11	cps
Bromine	81-1	14427	14447	15368	14747	3.65	cps
Bromine	81-2	370	403	343	372	8.08	cps
Cadmium	108-1	57	30	17	34	59.13	cps
Cadmium	106-1	4344	4211	4294	4283	1.57	cps
Cadmium	111-1	3244	3093	3137	3158	2.46	cps
Calcium	43-1	1073	1017	947	1012	6.27	cps
Calcium	44-1	26430	25001	23973	25135	4.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2137	2134	2007	2092	3.54	cps
Cobalt	59-2	390	387	450	409	8.72	cps
Copper	63-2	2617	2634	2574	2608	1.19	cps
Dysprosium	156-1	7	7	17	10	57.72	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	67	83	67	72	13.32	cps
Erbium	164-2	43	53	43	47	12.37	cps
Gadolinium	160-1	50	67	60	59	14.25	cps
Gadolinium	160-2	813	787	827	809	2.52	cps
Holmium	165-1	17106964	17281505	17573169	17320546	1.36	cps
Holmium	165-2	13098530	13177680	13197677	13157962	0.40	cps
Indium	115-1	13862206	14256639	14382219	14167021	1.92	cps
Indium	115-2	5445593	5382225	5409477	5412432	0.59	cps
Iron	56-2	51287	49976	48789	50017	2.50	cps
Iron	57-2	1757	1797	1750	1768	1.43	cps
Iron	54-2	4324	4041	4421	4262	4.64	cps
Krypton	83-1	297	250	233	260	12.63	cps

Reviewed By:mohan
On:12/18/2024
10:31:08 PM
Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 23:28:02	DataFile Name :	194CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3360	2800	2660	2940	12.60	cps
Lead	207-1	2907	2197	2220	2441	16.52	cps
Lead	208-1	10291	8341	8517	9050	11.92	cps
Lithium	6-1	1764574	1789549	1772492	1775538	0.72	cps
Magnesium	24-2	5661	5584	5001	5415	6.67	cps
Manganese	55-2	1540	1397	1317	1418	7.98	cps
Molybdenum	94-1	3197	2507	2344	2683	16.89	cps
Molybdenum	95-1	3617	2914	2587	3039	17.32	cps
Molybdenum	96-1	4084	3404	3014	3500	15.47	cps
Molybdenum	97-1	2187	1853	1663	1901	13.94	cps
Molybdenum	98-1	5771	4784	4114	4890	17.05	cps
Neodymium	150-1	10	3	7	7	50.03	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	647	647	573	622	6.80	cps
Phosphorus	31-2	123	160	143	142	12.91	cps
Potassium	39-2	64620	64328	63334	64094	1.05	cps
Rhodium	103-1	13138327	13186296	13425118	13249914	1.16	cps
Rhodium	103-2	8370158	8352964	8382544	8368555	0.18	cps
Scandium	45-1	7304993	7594929	7657347	7519090	2.50	cps
Scandium	45-2	641878	640129	642980	641662	0.22	cps
Selenium	82-1	616	602	645	621	3.50	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	480	440	487	469	5.38	cps
Silicon	28-1	692755	691373	691344	691824	0.12	cps
Silver	107-1	2033	1633	1630	1766	13.14	cps
Silver	109-1	1770	1627	1293	1563	15.64	cps
Sodium	23-2	52730	52462	50934	52042	1.86	cps
Strontium	86-1	560	580	507	549	6.91	cps
Strontium	88-1	1767	1457	1363	1529	13.81	cps
Sulfur	34-1	204564	204093	204661	204439	0.15	cps
Terbium	159-1	17207768	17797047	17705021	17569945	1.80	cps
Terbium	159-2	12838304	13024891	13091193	12984796	1.01	cps
Thallium	203-1	1303	1167	1057	1176	10.51	cps
Thallium	205-1	3110	2724	2430	2755	12.38	cps
Tin	118-1	3600	3724	3771	3698	2.38	cps
Titanium	47-1	867	677	547	697	23.10	cps

Reviewed By:mohan
On:12/18/2024
10:31:08 PM
Inst Id :P7

LB Number :	LB133948	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-13 23:28:02	DataFile Name :	194CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1570	1143	1120	1278	19.83	cps
Vanadium	51-2	150	123	93	122	23.20	cps
Yttrium	89-1	16262109	16412022	16746457	16473529	1.51	cps
Yttrium	89-2	4655900	4662176	4687330	4668469	0.36	cps
Zinc	66-2	933	1003	1090	1009	7.78	cps
Zirconium	90-1	2690	2277	2220	2396	10.71	cps
Zirconium	91-1	677	473	490	547	20.65	cps

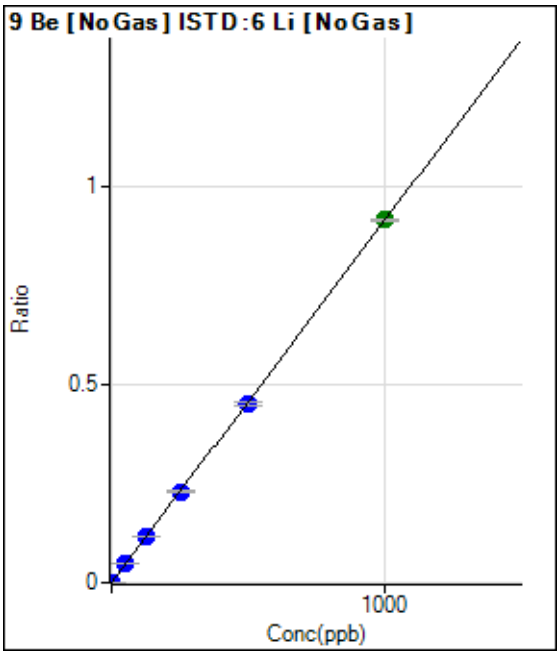
Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

Calibration for 175SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7121924MS1.b\
Analysis File: P7121924MS1.batch.bin
DA Date-Time: 2024-12-20 01:01:46
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-19 15:04:22
2	006CALS.d	S02	2024-12-19 15:10:54
3	007CALS.d	S03	2024-12-19 15:14:09
4	008CALS.d	S04	2024-12-19 15:17:09
5	009CALS.d	S05	2024-12-19 15:19:58
6	010CALS.d	S06	2024-12-19 15:22:45
7	011CALS.d	S07	2024-12-19 15:25:28
8	012CALS.d	S08	2024-12-19 15:28:14

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	134.44	0.0001	P	18.4
2	☐	1.000	1.033	1687.88	0.0010	P	1.8
3	☐	50.000	51.125	77992.15	0.0468	P	2.0
4	☐	125.000	125.513	186612.53	0.1147	P	1.1
5	☐	250.000	252.175	364906.19	0.2303	P	2.6
6	☐	500.000	494.666	703394.53	0.4517	P	2.2
7	☐	1000.000	1002.003	1392732.51	0.9150	A	0.8
8	☐			503.35	0.0003	P	9.9

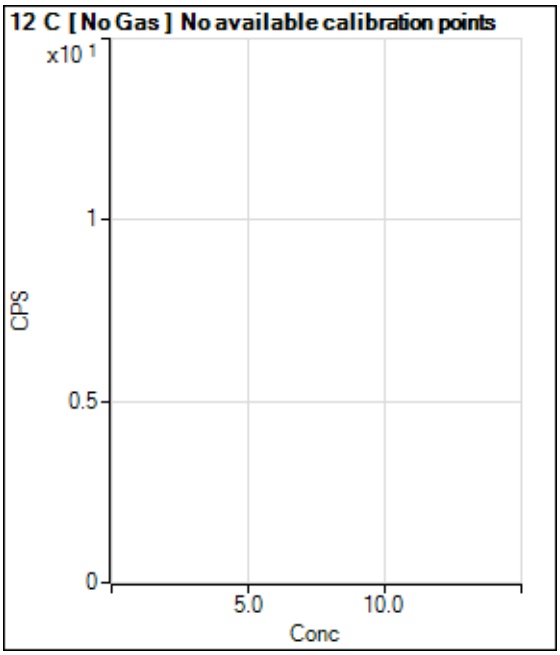
y = 9.1306E-004 * x + 8.3803E-005

R = 1.0000

DL = 0.05058

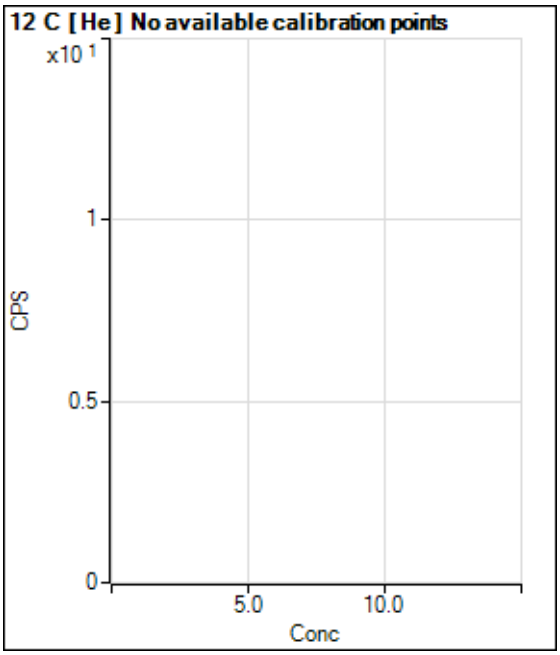
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Min Conc: 0

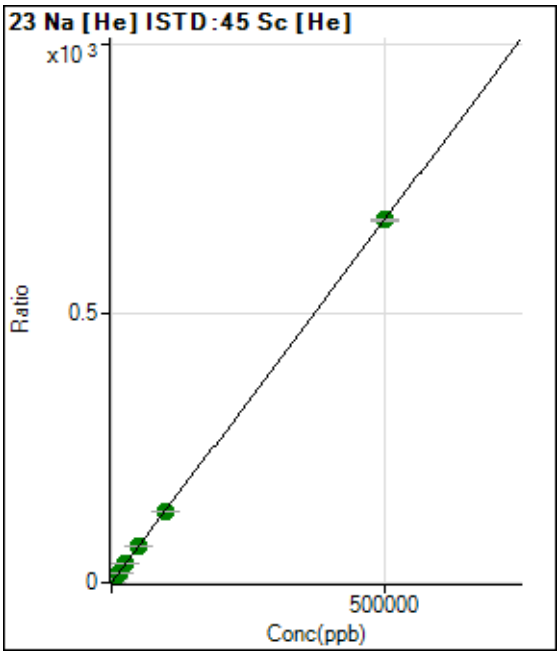


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

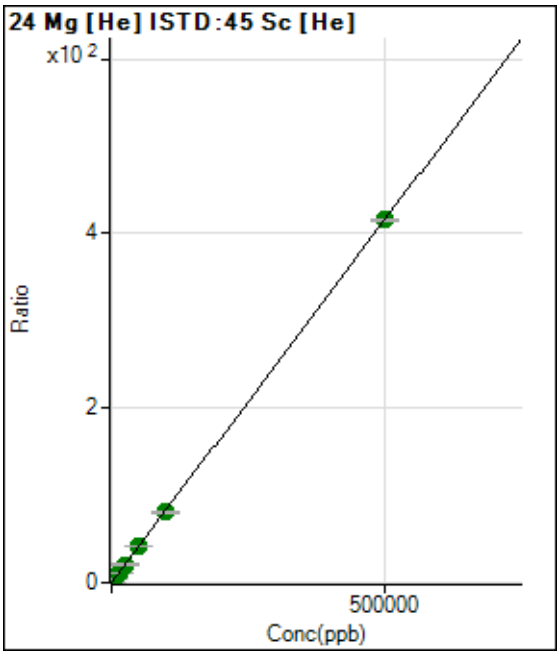


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30798.55	0.0484	P	0.9
2	☐	500.000	493.989	465331.49	0.7129	P	0.8
3	☐	5000.000	5046.769	4288005.42	6.8372	A	0.6
4	☐	12500.000	12670.938	9754841.52	17.0932	A	0.7
5	☐	25000.000	25555.836	17749876.26	34.4258	A	0.5
6	☐	50000.000	50809.079	34635132.82	68.3962	A	0.8
7	☐	100000.00	98693.904	68690802.87	132.8103	A	0.9
8	☐	500000.00	500147.78	372742678.89	672.8416	A	0.2

y = 0.0013 * x + 0.0484
R = 1.0000
DL = 0.9428

Weight: <None>
Min Conc: 0

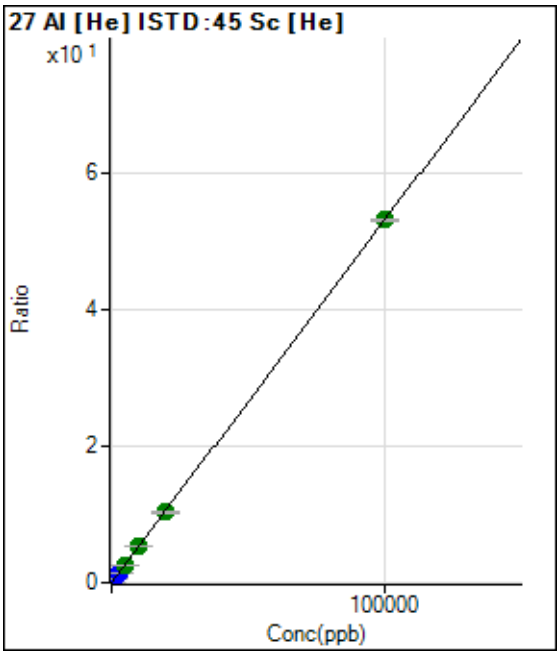
Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6475.85	0.0102	P	2.7
2	☐	500.000	527.003	292202.67	0.4477	P	0.5
3	☐	5000.000	5034.791	2627485.20	4.1897	A	1.2
4	☐	12500.000	12527.357	5940729.36	10.4094	A	0.7
5	☐	25000.000	25158.505	10773423.31	20.8949	A	0.7
6	☐	50000.000	50224.778	21117795.80	41.7030	A	0.9
7	☐	100000.00	97341.658	41798309.65	80.8158	A	1.4
8	☐	500000.00	500500.20	230174138.79	415.4874	A	0.4

y = 8.3012E-004 * x + 0.0102
R = 1.0000
DL = 0.9969

Weight: <None>
Min Conc: 0

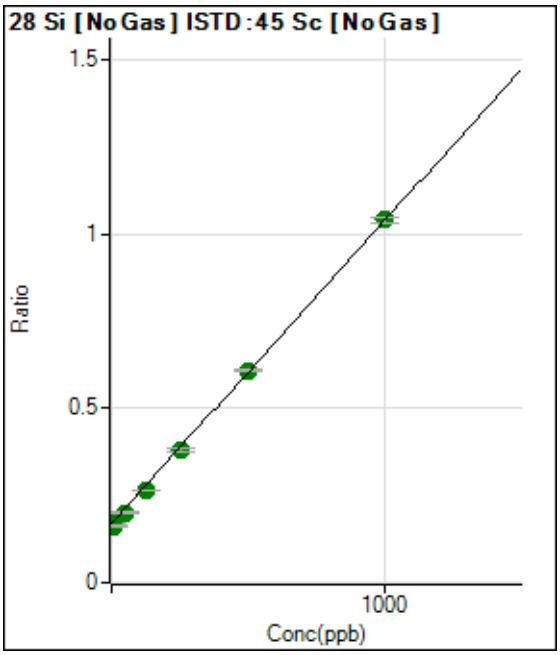


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	916.70	0.0014	P	7.8
2	☐	20.000	17.862	7142.82	0.0109	P	1.4
3	☐	1000.000	976.578	326719.69	0.5210	P	0.4
4	☐	2500.000	2449.377	744435.21	1.3044	P	0.3
5	☐	5000.000	5018.108	1377121.35	2.6709	A	0.4
6	☐	10000.000	9973.396	2687317.05	5.3070	A	1.6
7	☐	20000.000	19377.228	5332372.87	10.3096	A	0.5
8	☐	100000.00	100127.81	29508413.73	53.2665	A	0.6

y = 5.3197E-004 * x + 0.0014
R = 1.0000
DL = 0.6333

Weight: <None>
Min Conc: 0

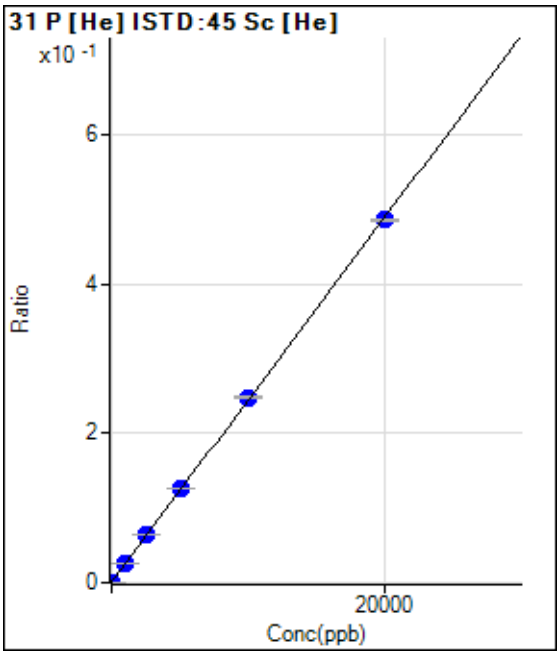
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1218649.96	0.1702	A	1.0
2	☐	10.000	-9.236	1192810.00	0.1622	A	1.7
3	☐	50.000	34.675	1459656.82	0.2003	A	1.2
4	☐	125.000	108.592	1814431.85	0.2644	A	0.6
5	☐	250.000	241.928	2368389.77	0.3802	A	2.7
6	☐	500.000	505.625	3574455.81	0.6090	A	1.6
7	☐	1000.000	1002.215	6087537.69	1.0401	A	1.4
8	☐			746886.94	0.1244	P	0.4

y = 8.6799E-004 * x + 0.1702
R = 0.9998
DL = 6.049

Weight: <None>
Min Conc: 0

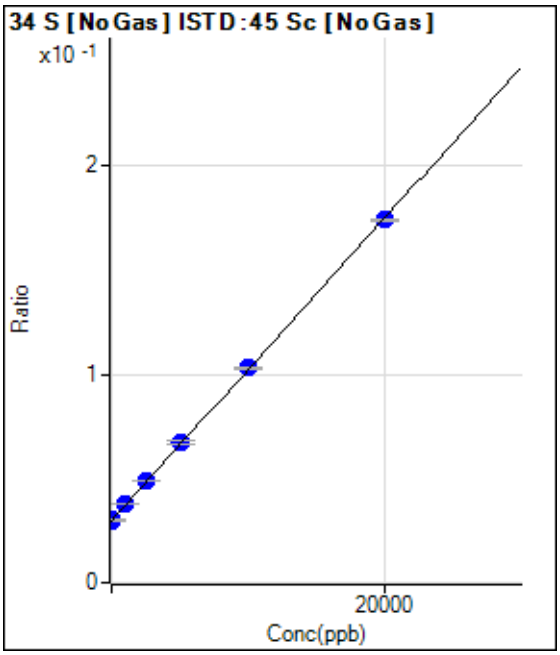


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.706	174.45	0.0003	P	5.7
2	☐	0.000	17.706	742.25	0.0011	P	10.1
3	☐	1000.000	1041.120	16364.40	0.0261	P	2.3
4	☐	2500.000	2586.722	36397.64	0.0638	P	1.4
5	☐	5000.000	5128.259	64834.32	0.1257	P	1.4
6	☐	10000.000	10149.154	125669.24	0.2482	P	0.5
7	☐	20000.000	19880.462	251075.83	0.4854	P	0.6
8	☐			328.90	0.0006	P	9.7

y = 2.4382E-005 * x + 7.0573E-004
R = 0.9999
DL = 8.01

Weight: <None>
Min Conc: 0

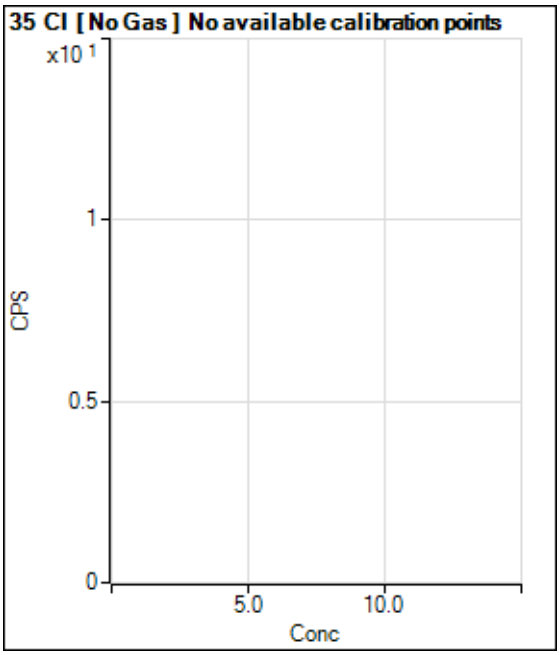
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-52.424	210661.18	0.0294	P	0.5
2	☐	0.000	52.424	221989.64	0.0302	P	1.2
3	☐	1000.000	1142.619	277656.23	0.0381	P	1.1
4	☐	2500.000	2644.127	336236.29	0.0490	P	0.2
5	☐	5000.000	5204.372	421156.83	0.0676	P	2.5
6	☐	10000.000	10090.477	604941.04	0.1031	P	0.7
7	☐	20000.000	19878.522	1019282.15	0.1742	P	0.3
8	☐			169181.23	0.0282	P	4.1

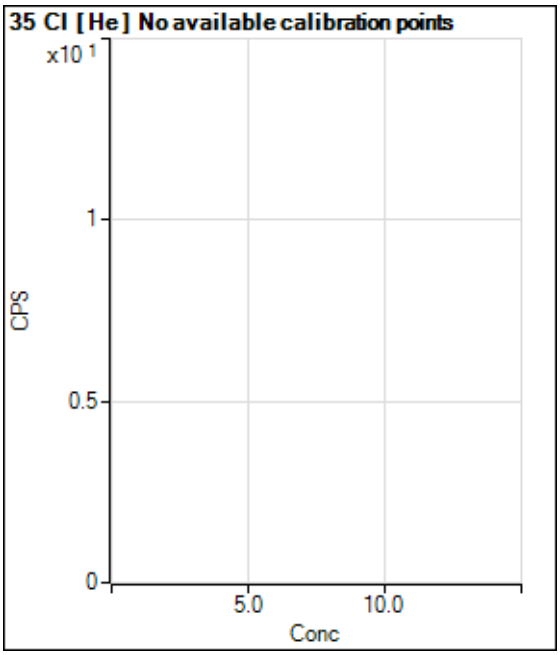
y = 7.2623E-006 * x + 0.0298
R = 0.9999
DL = 108.2

Weight: <None>
Min Conc: 0

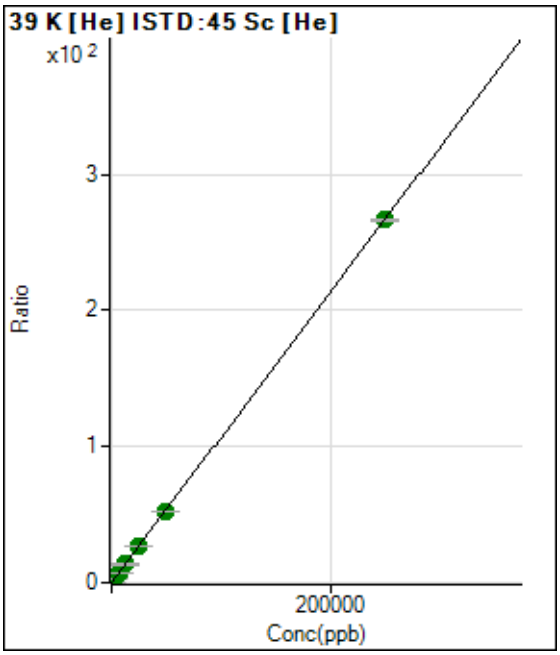


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64709.02	0.1017	P	1.5
2	☐	500.000	542.659	443537.34	0.6795	P	0.8
3	☐	2500.000	2572.382	1781594.99	2.8408	A	1.0
4	☐	6250.000	6339.452	3910517.20	6.8521	A	0.7
5	☐	12500.000	12540.993	6937448.93	13.4556	A	0.8
6	☐	25000.000	25111.921	13592545.21	26.8415	A	0.6
7	☐	50000.000	48986.780	27031540.43	52.2640	A	0.8
8	☐	250000.00	250186.35	147638706.69	266.5064	A	0.4

y = 0.0011 * x + 0.1017

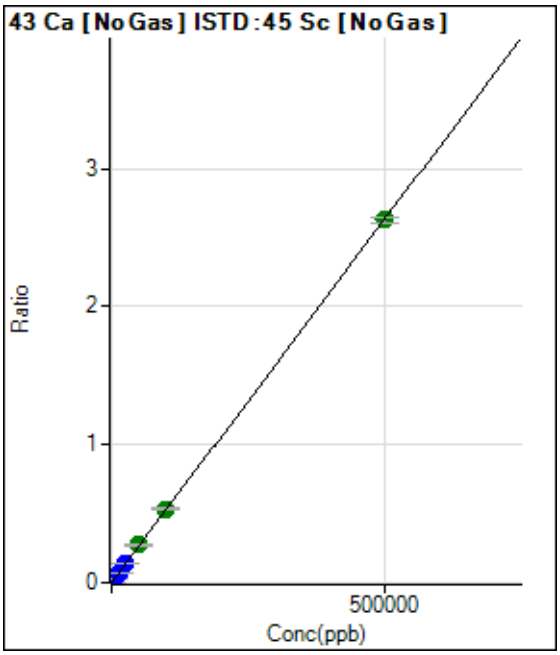
R = 1.0000

DL = 4.276

Weight: <None>

Min Conc: 0

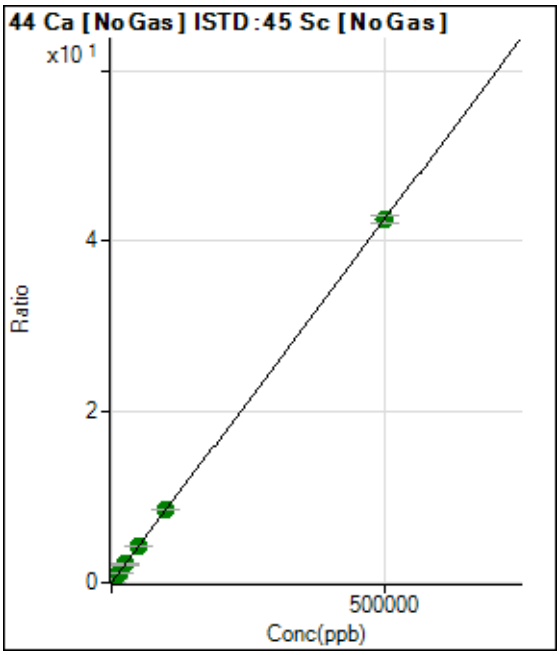
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	703.36	0.0001	P	16.6
2	☐	500.000	557.593	22303.12	0.0030	P	0.6
3	☐	5000.000	5397.780	207696.70	0.0285	P	1.0
4	☐	12500.000	13323.843	481668.67	0.0702	P	0.4
5	☐	25000.000	26465.131	868097.16	0.1393	P	2.6
6	☐	50000.000	51714.672	1597290.81	0.2722	A	0.9
7	☐	100000.00	101714.71	3132473.60	0.5352	A	1.4
8	☐	500000.00	499387.70	15771454.21	2.6274	A	1.3

y = 5.2610E-006 * x + 9.8250E-005
R = 1.0000
DL = 9.307

Weight: <None>
Min Conc: 0

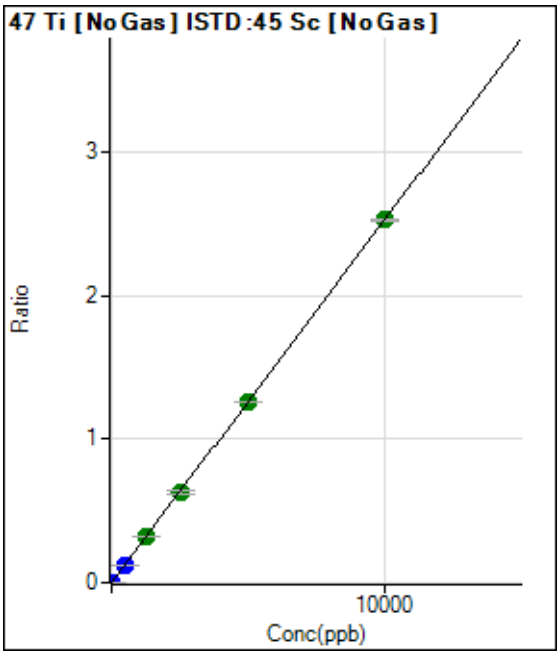


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18350.19	0.0026	P	7.8
2	☐	500.000	554.361	365651.54	0.0497	P	0.4
3	☐	5000.000	5165.865	3220779.92	0.4419	A	0.6
4	☐	12500.000	12729.382	7444979.26	1.0850	A	1.1
5	☐	25000.000	25415.212	13482451.47	2.1638	A	2.4
6	☐	50000.000	51184.338	25559499.34	4.3551	A	0.4
7	☐	100000.00	101518.67	50540000.91	8.6354	A	0.2
8	☐	500000.00	499549.62	255006729.53	42.4829	A	2.1

y = 8.5037E-005 * x + 0.0026
R = 1.0000
DL = 7.071

Weight: <None>
Min Conc: 0

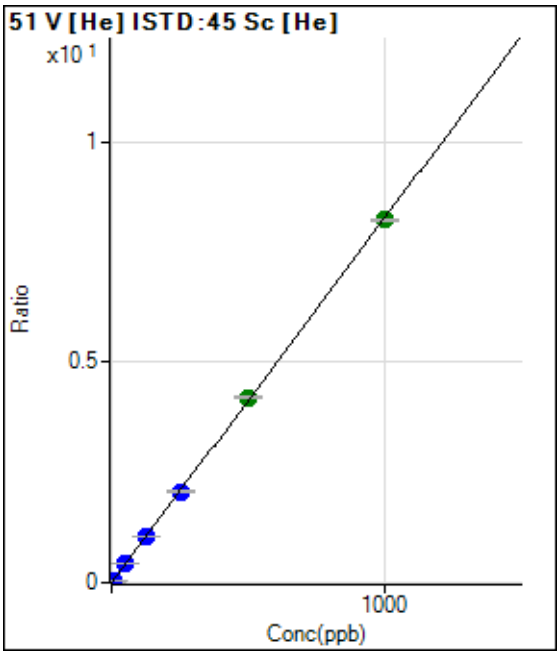
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	483.35	0.0001	P	8.9
2	☐	5.000	4.966	9718.75	0.0013	P	1.9
3	☐	500.000	499.904	920321.38	0.1263	P	0.9
4	☐	1250.000	1259.422	2182202.54	0.3180	A	0.6
5	☐	2500.000	2480.685	3901087.96	0.6263	A	3.5
6	☐	5000.000	4996.250	7402713.78	1.2614	A	0.4
7	☐	10000.000	10005.531	14783165.06	2.5260	A	0.4
8	☐			3209.28	0.0005	P	19.2

y = 2.5245E-004 * x + 6.7486E-005
R = 1.0000
DL = 0.07102

Weight: <None>
Min Conc: 0

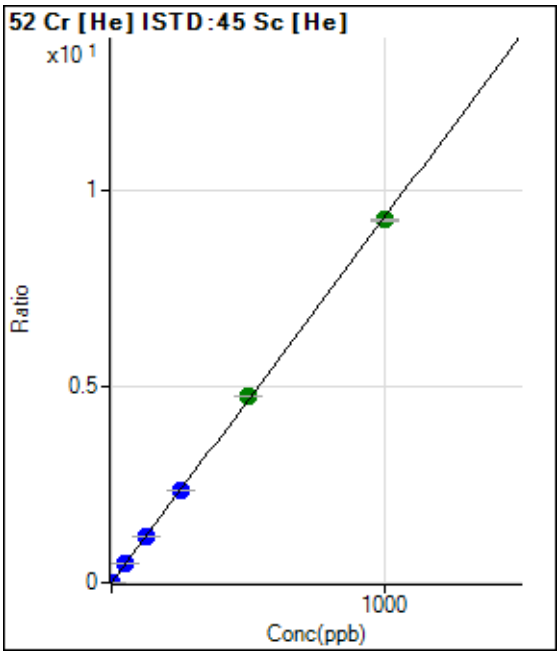


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	132.22	0.0002	P	21.6
2	☐	5.000	5.244	28405.60	0.0435	P	0.7
3	☐	50.000	50.362	260976.59	0.4161	P	0.5
4	☐	125.000	125.536	591774.50	1.0369	P	0.2
5	☐	250.000	250.373	1066192.35	2.0679	P	0.5
6	☐	500.000	508.661	2127421.53	4.2010	A	0.5
7	☐	1000.000	995.490	4252278.93	8.2215	A	0.8
8	☐			1018.94	0.0018	P	10.0

y = 0.0083 * x + 2.0790E-004
R = 0.9999
DL = 0.0163

Weight: <None>
Min Conc: 0

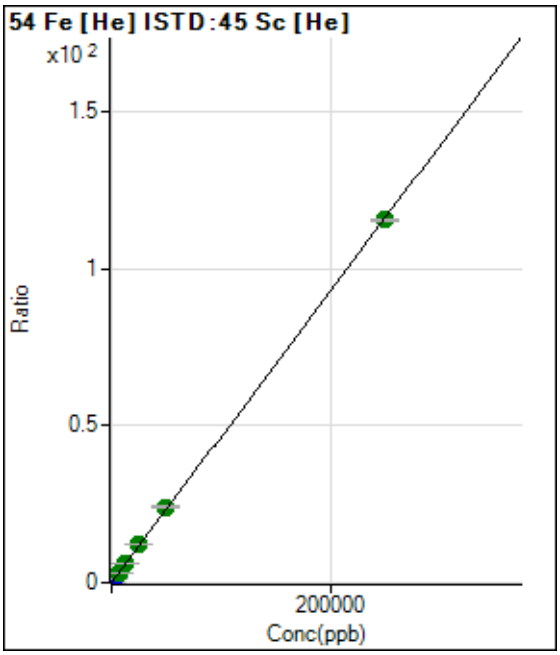
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1287.85	0.0020	P	3.7
2	☐	2.000	2.134	14313.55	0.0219	P	0.4
3	☐	50.000	51.135	300447.01	0.4791	P	0.5
4	☐	125.000	127.379	679339.76	1.1904	P	0.4
5	☐	250.000	253.847	1222045.41	2.3702	P	0.2
6	☐	500.000	511.201	2416078.94	4.7711	A	0.4
7	☐	1000.000	993.083	4792869.82	9.2666	A	0.8
8	☐			8346.56	0.0151	P	10.7

y = 0.0093 * x + 0.0020
R = 0.9999
DL = 0.02408

Weight: <None>
Min Conc: 0

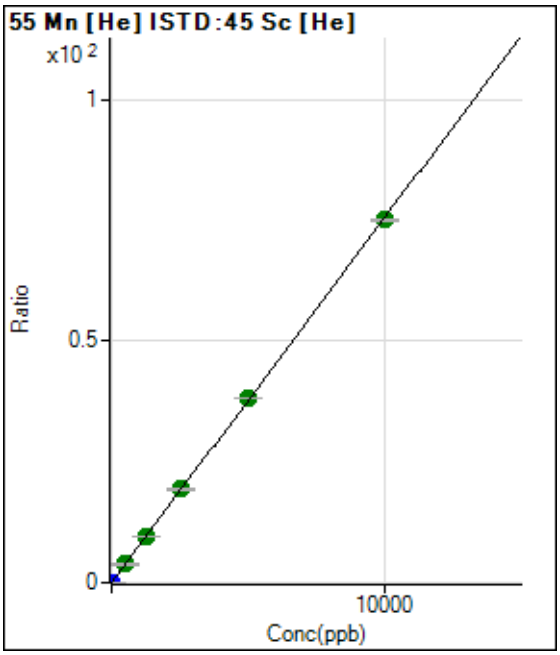


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4255.09	0.0067	P	2.5
2	☐	50.000	54.152	20754.38	0.0318	P	2.2
3	☐	2500.000	2743.901	802230.04	1.2791	P	0.0
4	☐	6250.000	6795.225	1802185.27	3.1579	A	0.4
5	☐	12500.000	13549.532	3243036.34	6.2900	A	0.9
6	☐	25000.000	26694.303	6272061.22	12.3857	A	0.6
7	☐	50000.000	52142.515	12509893.15	24.1869	A	0.2
8	☐	250000.00	249333.52	64058204.60	115.6308	A	0.4

y = 4.6373E-004 * x + 0.0067
R = 0.9999
DL = 1.064

Weight: <None>
Min Conc: 0

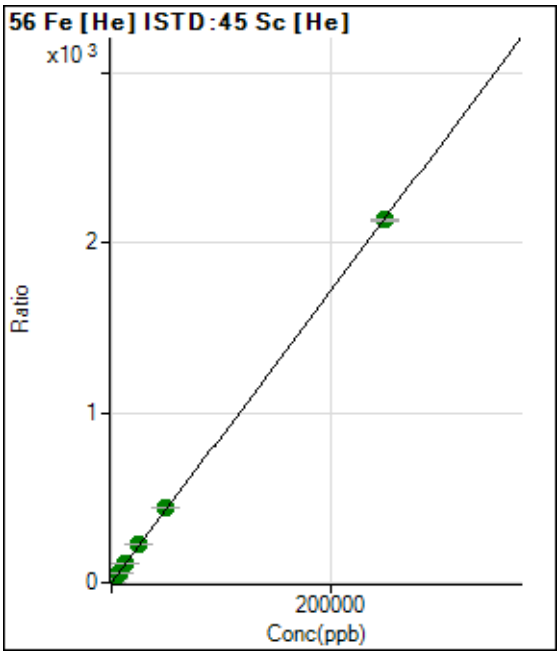
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1378.96	0.0022	P	2.9
2	☐	1.000	0.876	5735.59	0.0088	P	1.6
3	☐	500.000	502.567	2382617.03	3.7990	A	1.3
4	☐	1250.000	1278.332	5512546.10	9.6597	A	0.7
5	☐	2500.000	2563.423	9986007.84	19.3683	A	0.7
6	☐	5000.000	5066.947	19385808.88	38.2819	A	0.5
7	☐	10000.000	9947.001	38868374.42	75.1497	A	0.7
8	☐			19433.72	0.0351	P	2.7

y = 0.0076 * x + 0.0022
R = 0.9999
DL = 0.02493

Weight: <None>
Min Conc: 0

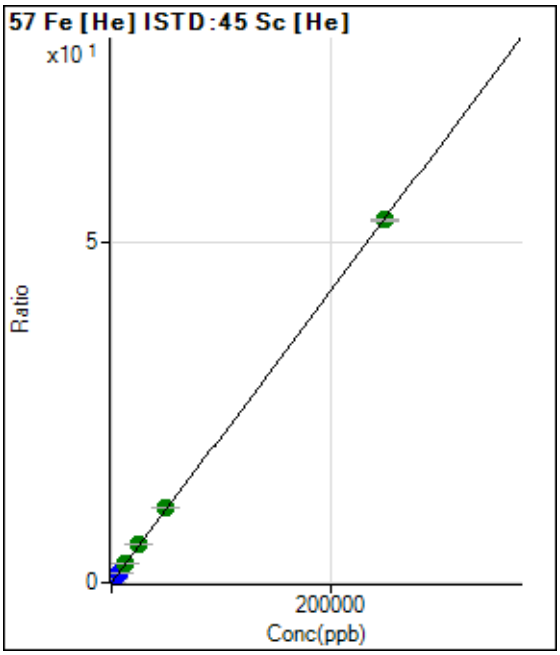


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48096.61	0.0756	P	1.2
2	☐	50.000	51.256	335715.01	0.5143	P	0.6
3	☐	2500.000	2608.458	14050891.32	22.4037	A	0.3
4	☐	6250.000	6625.106	32407257.85	56.7858	A	0.4
5	☐	12500.000	13297.635	58726269.12	113.9020	A	0.3
6	☐	25000.000	26336.852	114201832.74	225.5164	A	0.4
7	☐	50000.000	51567.792	228344569.93	441.4907	A	0.7
8	☐	250000.00	249502.41	1183201760.1	2,135.791	A	0.6

y = 0.0086 * x + 0.0756
R = 1.0000
DL = 0.307

Weight: <None>
Min Conc: 0

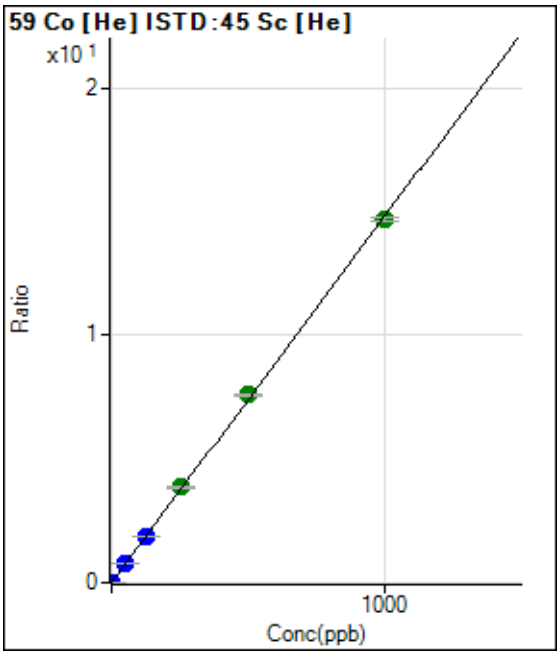
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1956.82	0.0031	P	8.7
2	☐	50.000	54.432	9599.80	0.0147	P	3.7
3	☐	2500.000	2680.339	361226.61	0.5760	P	0.4
4	☐	6250.000	6757.056	825969.88	1.4473	P	0.6
5	☐	12500.000	13392.294	1477405.15	2.8655	A	0.8
6	☐	25000.000	26434.490	2862745.34	5.6532	A	0.5
7	☐	50000.000	51378.345	5681466.72	10.9846	A	0.3
8	☐	250000.00	249521.78	29547610.67	53.3356	A	0.6

y = 2.1374E-004 * x + 0.0031
R = 1.0000
DL = 3.754

Weight: <None>
Min Conc: 0

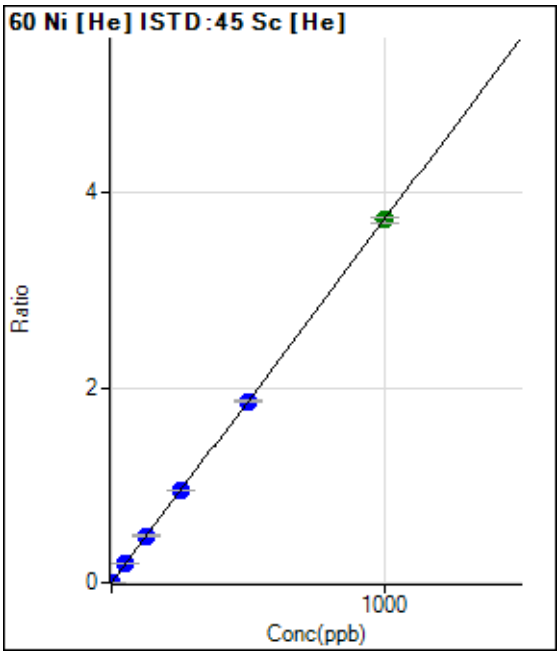


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	358.90	0.0006	P	6.8
2	☐	1.000	1.105	11053.04	0.0169	P	2.2
3	☐	50.000	51.394	477771.87	0.7618	P	0.5
4	☐	125.000	127.131	1074982.02	1.8836	P	0.2
5	☐	250.000	260.351	1988584.26	3.8569	A	0.8
6	☐	500.000	512.395	3843611.40	7.5901	A	0.5
7	☐	1000.000	990.878	7591306.28	14.6774	A	1.0
8	☐			21357.51	0.0386	P	1.9

y = 0.0148 * x + 5.6400E-004
R = 0.9998
DL = 0.007726

Weight: <None>
Min Conc: 0

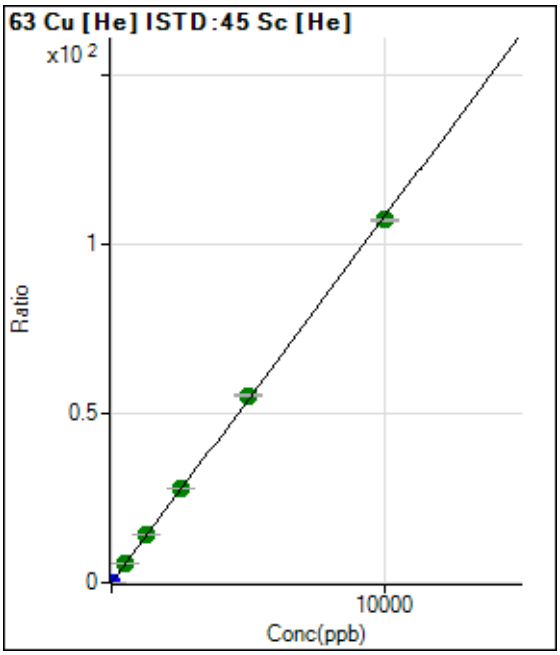
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	561.13	0.0009	P	6.9
2	☐	1.000	1.119	3298.17	0.0051	P	1.9
3	☐	50.000	52.187	122624.90	0.1955	P	0.3
4	☐	125.000	129.124	275332.64	0.4825	P	0.9
5	☐	250.000	253.864	488617.41	0.9477	P	0.5
6	☐	500.000	499.692	944222.90	1.8645	P	0.4
7	☐	1000.000	998.563	1926663.79	3.7251	A	1.6
8	☐			8185.64	0.0148	P	0.3

y = 0.0037 * x + 8.8135E-004
R = 1.0000
DL = 0.04859

Weight: <None>
Min Conc: 0

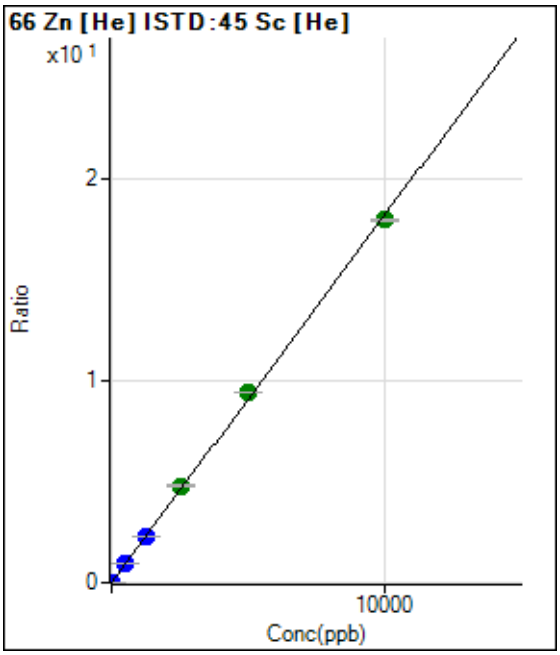


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2332.42	0.0037	P	5.6
2	☐	2.000	1.883	15679.41	0.0240	P	1.4
3	☐	500.000	524.995	3560954.39	5.6779	A	1.1
4	☐	1250.000	1305.838	8056834.32	14.1173	A	0.4
5	☐	2500.000	2588.777	14427960.48	27.9835	A	0.3
6	☐	5000.000	5118.577	28016617.92	55.3259	A	0.6
7	☐	10000.000	9910.288	55401842.51	107.1152	A	0.3
8	☐			11064.18	0.0200	P	2.9

y = 0.0108 * x + 0.0037
R = 0.9998
DL = 0.05714

Weight: <None>
Min Conc: 0

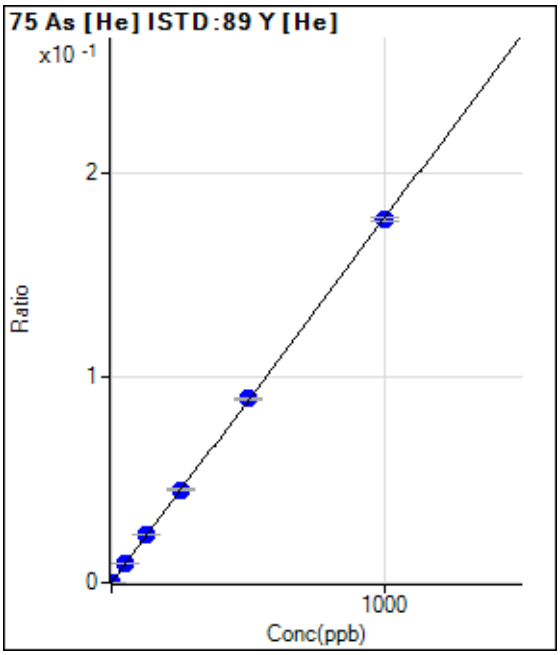
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	647.80	0.0010	P	3.0
2	☐	2.000	5.771	7525.29	0.0115	P	2.6
3	☐	500.000	510.454	583757.17	0.9308	P	0.6
4	☐	1250.000	1277.200	1328232.46	2.3274	P	0.5
5	☐	2500.000	2628.597	2469169.65	4.7889	A	1.3
6	☐	5000.000	5171.737	4770852.71	9.4212	A	0.5
7	☐	10000.000	9878.059	9306692.98	17.9936	A	0.7
8	☐			10560.47	0.0191	P	1.8

y = 0.0018 * x + 0.0010
R = 0.9997
DL = 0.05071

Weight: <None>
Min Conc: 0

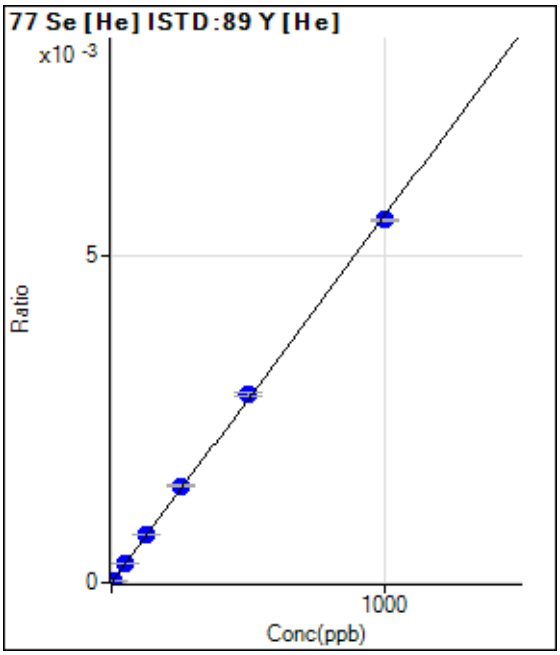


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	58.6
2	☐	1.000	1.188	936.71	0.0002	P	5.3
3	☐	50.000	53.997	39932.43	0.0096	P	0.6
4	☐	125.000	131.113	89552.37	0.0233	P	2.1
5	☐	250.000	255.479	163326.50	0.0455	P	0.5
6	☐	500.000	505.291	319707.74	0.0899	P	0.7
7	☐	1000.000	995.021	636969.31	0.1770	P	0.9
8	☐			367.79	0.0001	P	2.5

y = 1.7788E-004 * x + 7.1987E-006
R = 1.0000
DL = 0.07109

Weight: <None>
Min Conc: 0

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	5.312	130.00	0.0000	P	6.7
3	☐	50.000	52.425	1223.40	0.0003	P	2.0
4	☐	125.000	132.259	2849.19	0.0007	P	1.1
5	☐	250.000	263.733	5316.56	0.0015	P	1.0
6	☐	500.000	512.991	10232.51	0.0029	P	2.4
7	☐	1000.000	989.041	19961.30	0.0055	P	0.5
8	☐			6.67	0.0000	P	50.7

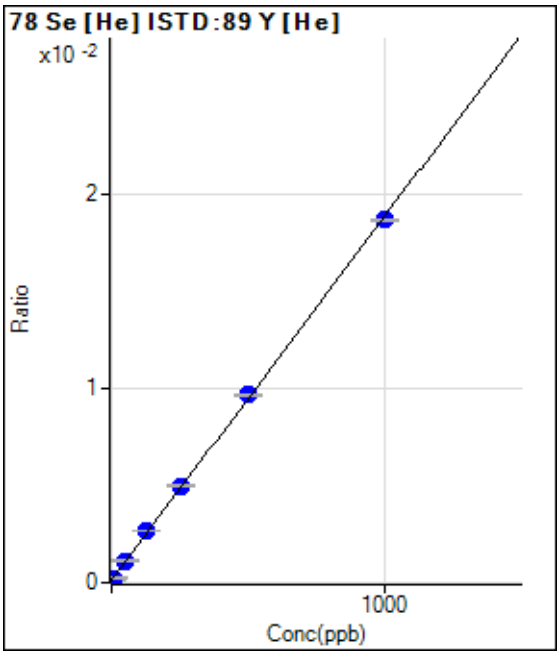
y = 5.6073E-006 * x + 5.3905E-007

R = 0.9998

DL = 0.4995

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	535.57	0.0001	P	4.2
2	☐	5.000	6.142	1043.38	0.0002	P	4.5
3	☐	50.000	52.767	4632.99	0.0011	P	4.8
4	☐	125.000	136.594	10302.56	0.0027	P	0.7
5	☐	250.000	259.732	17917.59	0.0050	P	1.8
6	☐	500.000	510.147	34394.40	0.0097	P	0.8
7	☐	1000.000	990.900	67163.63	0.0187	P	0.6
8	☐			413.34	0.0001	P	5.8

y = 1.8704E-005 * x + 1.2851E-004

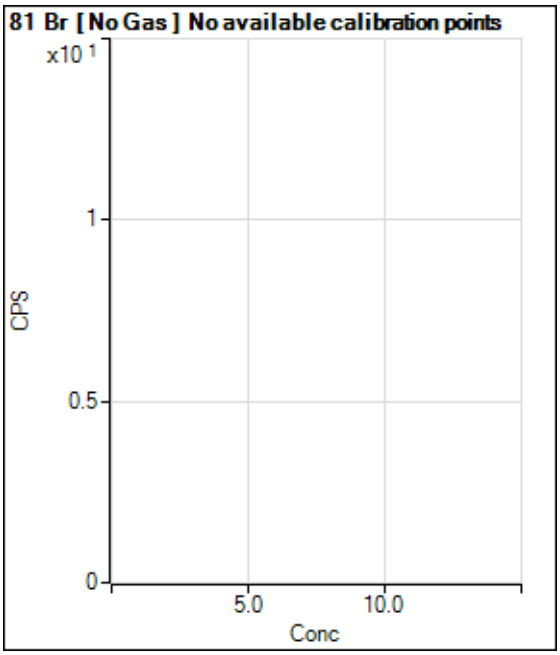
R = 0.9998

DL = 0.856

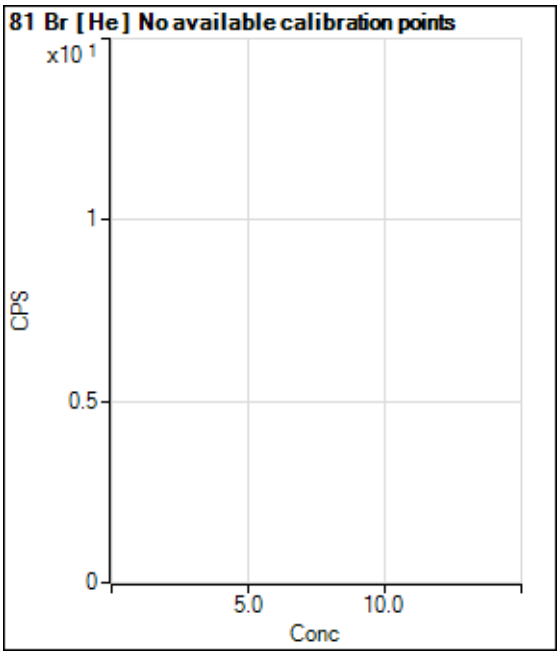
Weight: <None>

Min Conc: 0

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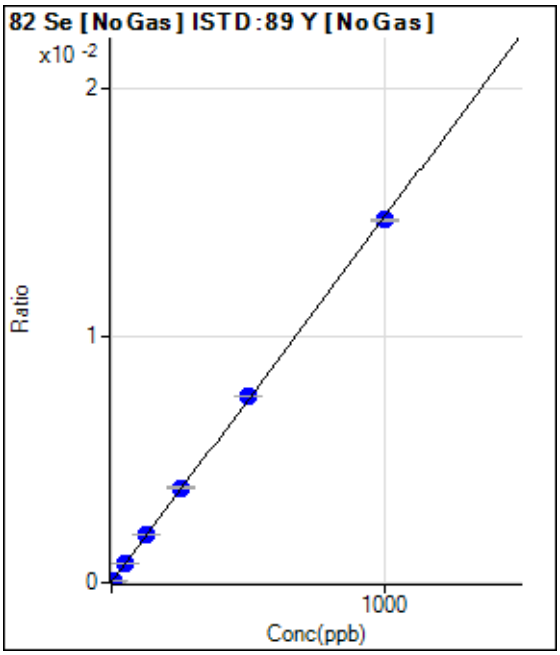


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16186.78		P	2.3
2	☐			16982.10		P	0.8
3	☐			16618.33		P	1.6
4	☐			14627.34		P	3.5
5	☐			11857.07		P	1.9
6	☐			11297.74		P	1.4
7	☐			11400.03		P	1.3
8	☐			13244.91		P	2.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			187.78		P	2.7
2	☐			166.67		P	23.1
3	☐			264.45		P	1.9
4	☐			125.56		P	12.6
5	☐			124.45		P	20.3
6	☐			106.67		P	8.3
7	☐			121.11		P	8.4
8	☐			163.34		P	22.1

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.94	0.0000	P	13.0
2	☐	5.000	5.009	1398.93	0.0001	P	3.8
3	☐	50.000	52.983	12438.59	0.0008	P	1.5
4	☐	125.000	129.447	28428.61	0.0019	P	1.1
5	☐	250.000	258.629	52478.68	0.0038	P	2.6
6	☐	500.000	510.245	98505.26	0.0076	P	0.4
7	☐	1000.000	992.015	192471.78	0.0147	P	0.7
8	☐			349.33	0.0000	P	5.1

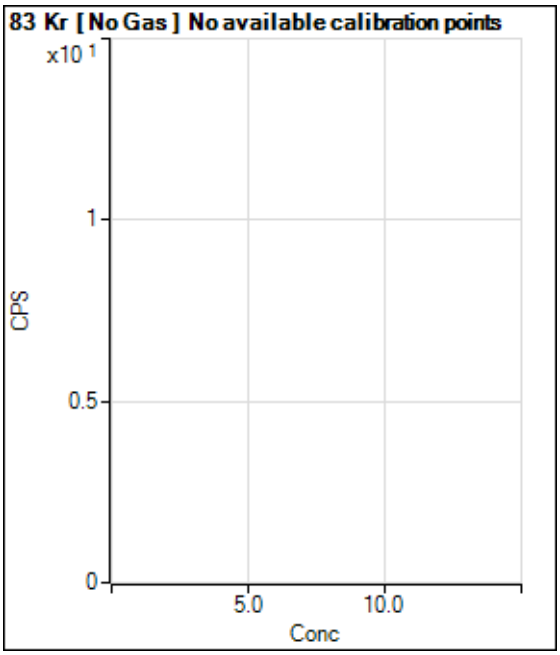
y = 1.4804E-005 * x + 1.4576E-005

R = 0.9999

DL = 0.384

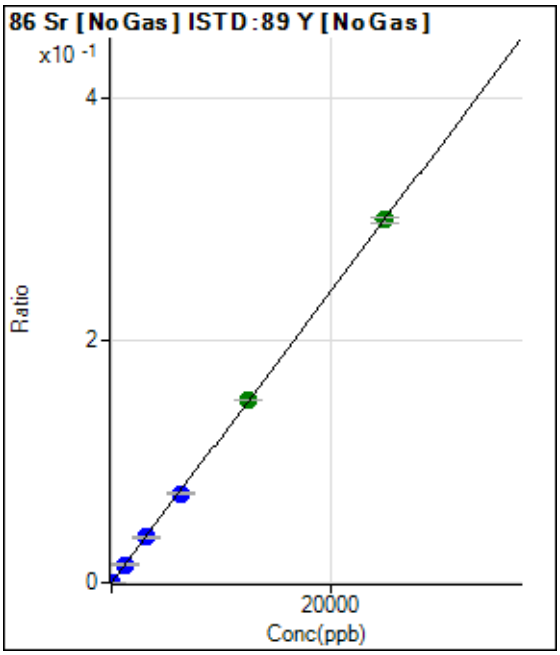
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			253.34		P	7.9
2	☐			290.01		P	12.1
3	☐			241.11		P	14.8
4	☐			232.23		P	3.6
5	☐			175.56		P	9.7
6	☐			224.45		P	12.6
7	☐			222.23		P	7.7
8	☐			292.23		P	4.0

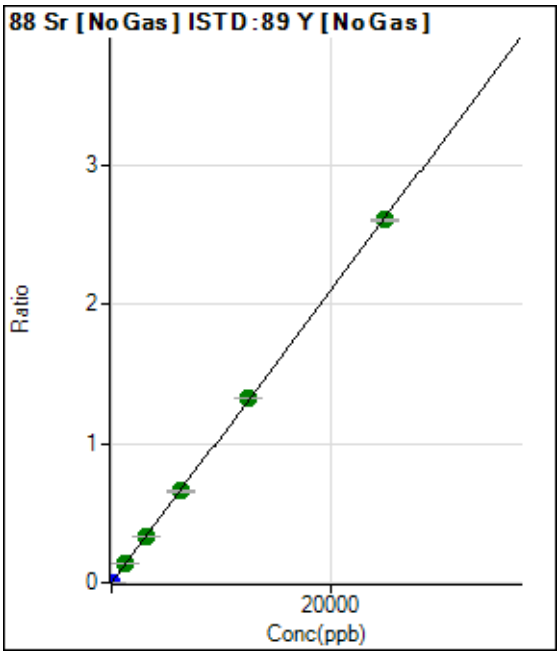
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	460.01	0.0000	P	5.1
2	☐	1.000	26.089	5406.60	0.0003	P	3.3
3	☐	1250.000	1253.925	234552.77	0.0151	P	0.9
4	☐	3125.000	3113.625	550060.55	0.0374	P	1.9
5	☐	6250.000	6141.369	1005962.91	0.0737	P	2.1
6	☐	12500.000	12570.681	1962213.54	0.1508	A	0.3
7	☐	25000.000	24993.042	3923940.84	0.2997	A	1.5
8	☐			12396.43	0.0009	P	2.1

y = 1.1990E-005 * x + 3.0083E-005
R = 1.0000
DL = 0.3836

Weight: <None>
Min Conc: 0

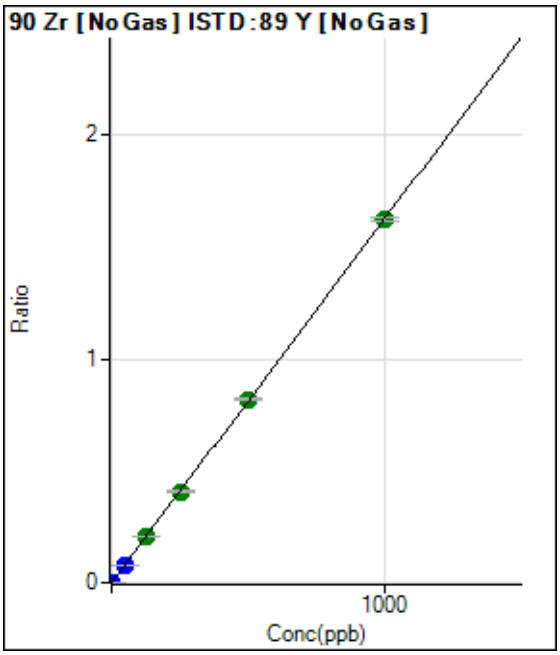


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1021.16	0.0001	P	5.8
2	☐	1.000	25.684	43510.76	0.0028	P	1.6
3	☐	1250.000	1277.826	2086809.64	0.1340	A	0.1
4	☐	3125.000	3175.951	4902734.16	0.3330	A	1.5
5	☐	6250.000	6297.331	9016171.05	0.6602	A	2.1
6	☐	12500.000	12650.297	17262212.80	1.3263	A	0.5
7	☐	25000.000	24905.258	34185927.82	2.6110	A	0.8
8	☐			103650.31	0.0079	P	0.8

y = 1.0484E-004 * x + 6.6775E-005
R = 1.0000
DL = 0.1103

Weight: <None>
Min Conc: 0

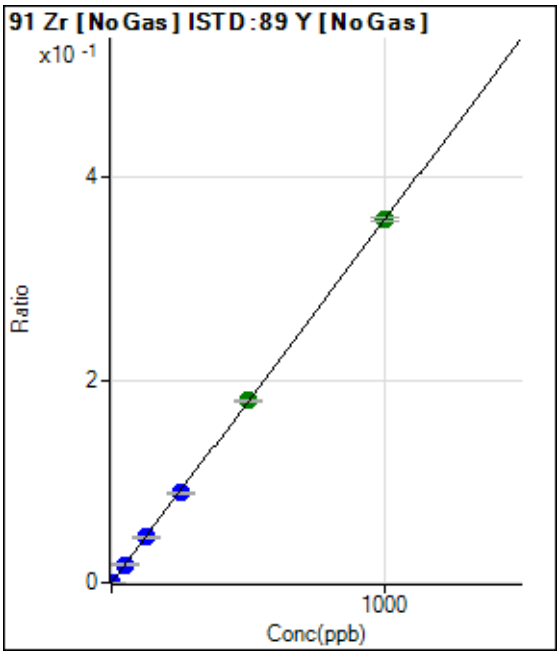
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1174.50	0.0001	P	7.5
2	☐	1.000	1.010	27079.49	0.0017	P	2.0
3	☐	50.000	49.466	1252694.19	0.0805	P	0.6
4	☐	125.000	125.904	3013274.95	0.2047	A	1.3
5	☐	250.000	250.049	5549010.82	0.4064	A	2.5
6	☐	500.000	503.888	10658297.83	0.8189	A	0.6
7	☐	1000.000	997.957	21233079.68	1.6217	A	1.0
8	☐			14670.77	0.0011	P	6.0

y = 0.0016 * x + 7.6798E-005
R = 1.0000
DL = 0.01061

Weight: <None>
Min Conc: 0

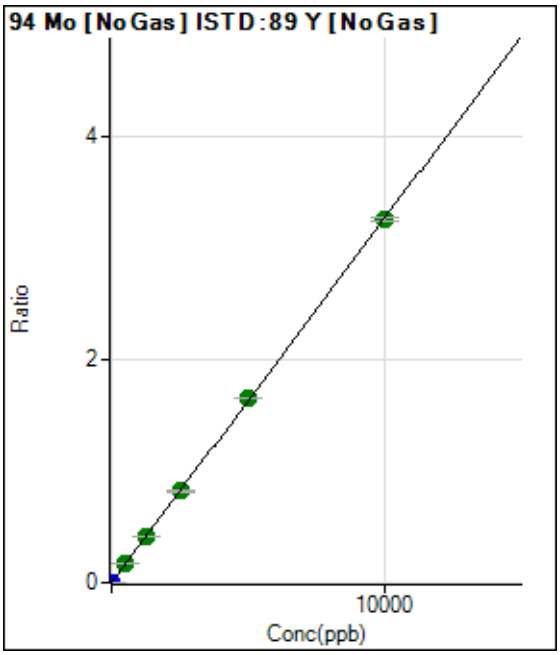


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.45	0.0000	P	13.1
2	☐	1.000	1.015	5972.38	0.0004	P	2.4
3	☐	50.000	50.153	279461.49	0.0179	P	0.8
4	☐	125.000	124.720	656795.08	0.0446	P	1.6
5	☐	250.000	246.868	1205614.05	0.0883	P	2.2
6	☐	500.000	501.057	2332137.81	0.1792	A	1.4
7	☐	1000.000	1000.282	4683271.49	0.3577	A	1.0
8	☐			3213.72	0.0002	P	7.6

y = 3.5758E-004 * x + 1.5980E-005
R = 1.0000
DL = 0.01762

Weight: <None>
Min Conc: 0

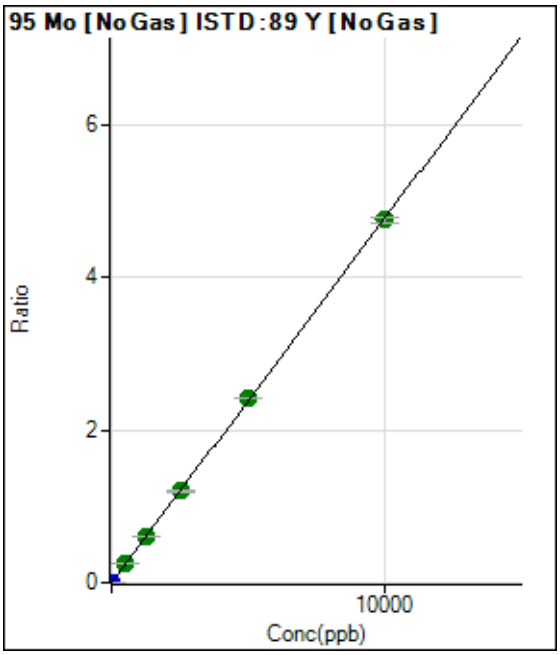
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1284.52	0.0001	P	3.9
2	☐	5.000	5.897	31745.52	0.0020	P	0.8
3	☐	500.000	507.991	2588665.34	0.1663	A	0.1
4	☐	1250.000	1273.050	6131795.05	0.4165	A	2.1
5	☐	2500.000	2525.276	11281793.86	0.8262	A	1.9
6	☐	5000.000	5059.389	21542684.40	1.6551	A	0.2
7	☐	10000.000	9960.705	42662517.70	3.2585	A	1.2
8	☐			13681.02	0.0010	P	15.1

y = 3.2712E-004 * x + 8.4019E-005
R = 1.0000
DL = 0.02967

Weight: <None>
Min Conc: 0

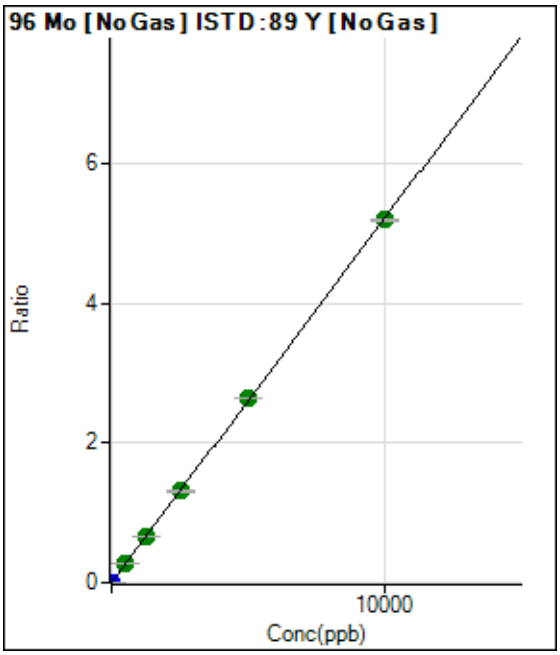


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1562.32	0.0001	P	4.4
2	☐	5.000	4.985	39086.48	0.0025	P	2.5
3	☐	500.000	507.605	3769410.43	0.2421	A	0.2
4	☐	1250.000	1264.001	8873114.17	0.6027	A	1.7
5	☐	2500.000	2511.410	16351581.42	1.1974	A	2.1
6	☐	5000.000	5056.905	31379752.31	2.4109	A	0.2
7	☐	10000.000	9966.564	62211305.19	4.7516	A	1.4
8	☐			14045.94	0.0011	P	21.2

y = 4.7674E-004 * x + 1.0220E-004
R = 1.0000
DL = 0.02813

Weight: <None>
Min Conc: 0

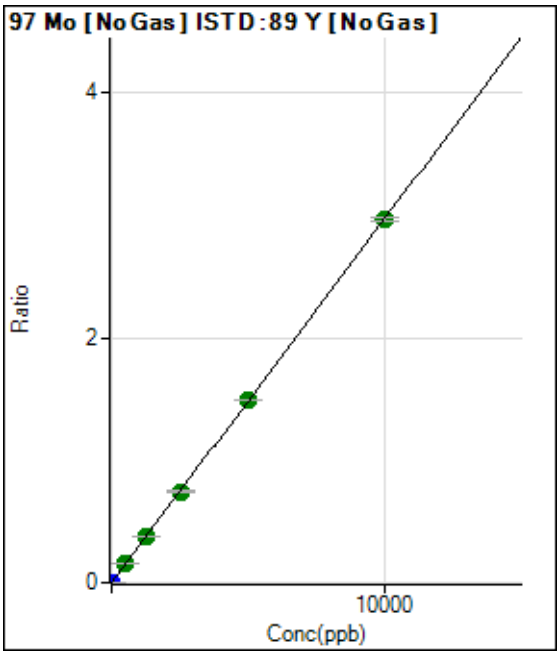
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1795.68	0.0001	P	5.8
2	☐	5.000	5.033	43264.91	0.0027	P	1.5
3	☐	500.000	508.753	4134647.72	0.2656	A	1.1
4	☐	1250.000	1269.892	9756342.98	0.6627	A	1.3
5	☐	2500.000	2508.915	17878285.85	1.3092	A	2.2
6	☐	5000.000	5062.497	34380682.27	2.6415	A	0.1
7	☐	10000.000	9963.599	68065989.54	5.1987	A	0.8
8	☐			25392.36	0.0019	P	11.9

y = 5.2175E-004 * x + 1.1747E-004
R = 1.0000
DL = 0.03895

Weight: <None>
Min Conc: 0

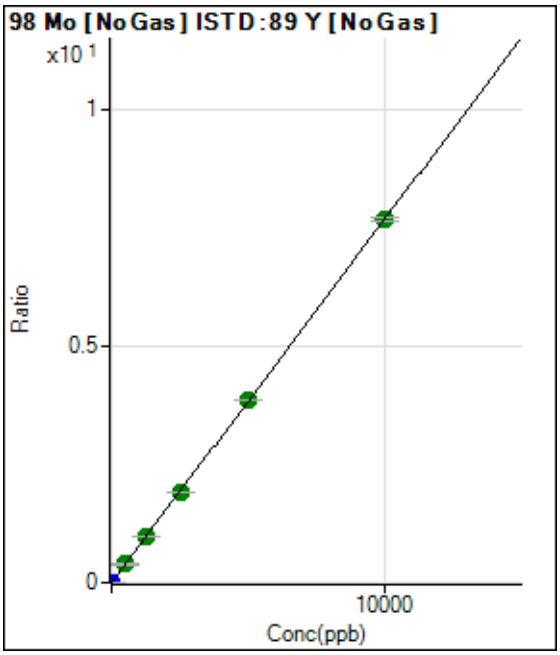


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1018.94	0.0001	P	1.8
2	☐	5.000	4.940	24194.47	0.0015	P	1.5
3	☐	500.000	506.003	2341724.31	0.1504	A	1.2
4	☐	1250.000	1269.545	5553957.42	0.3773	A	1.6
5	☐	2500.000	2504.340	10162764.22	0.7441	A	1.6
6	☐	5000.000	5040.177	19491404.99	1.4975	A	0.1
7	☐	10000.000	9976.083	38807618.03	2.9640	A	1.0
8	☐			8630.48	0.0007	P	18.8

y = 2.9711E-004 * x + 6.6639E-005
R = 1.0000
DL = 0.01187

Weight: <None>
Min Conc: 0

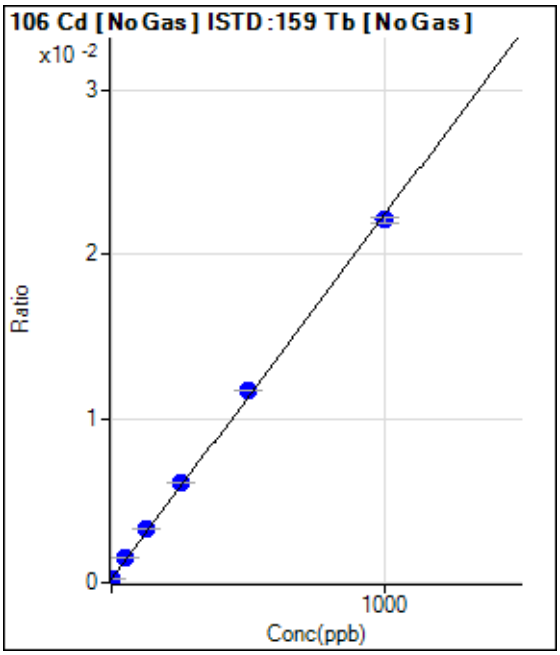
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On:12/20/2024
11:40:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2449.12	0.0002	P	4.5
2	☐	5.000	4.914	62115.60	0.0039	P	0.3
3	☐	500.000	504.513	6042496.78	0.3881	A	1.0
4	☐	1250.000	1256.016	14220843.95	0.9659	A	1.4
5	☐	2500.000	2487.600	26125283.50	1.9129	A	1.6
6	☐	5000.000	5023.650	50278410.36	3.8630	A	0.5
7	☐	10000.000	9990.297	100578458.50	7.6819	A	0.9
8	☐			21681.11	0.0017	P	19.1

y = 7.6892E-004 * x + 1.6021E-004
R = 1.0000
DL = 0.02784

Weight: <None>
Min Conc: 0

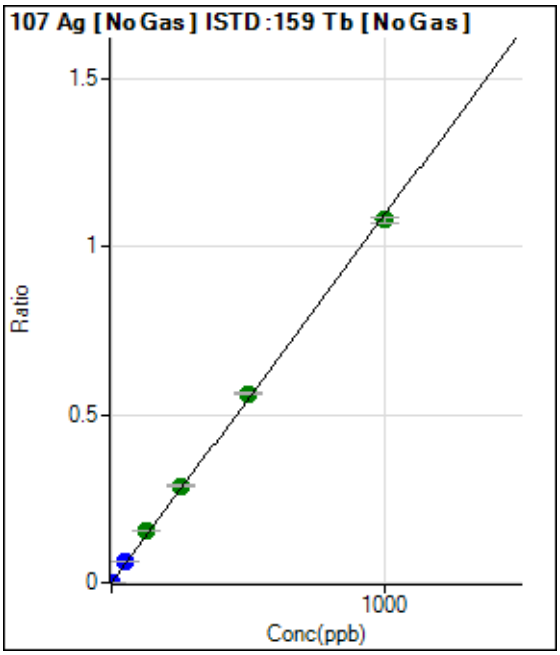


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3480.45	0.0002	P	2.9
2	☐	1.000	1.848	4213.99	0.0003	P	5.3
3	☐	50.000	58.290	24207.99	0.0015	P	1.5
4	☐	125.000	139.848	51601.20	0.0033	P	0.4
5	☐	250.000	264.863	91591.83	0.0061	P	1.0
6	☐	500.000	516.366	171953.10	0.0117	P	0.3
7	☐	1000.000	985.830	329833.74	0.0221	P	1.7
8	☐			3387.09	0.0002	P	3.3

y = 2.2209E-005 * x + 2.2624E-004
R = 0.9996
DL = 0.8834

Weight: <None>
Min Conc: 0

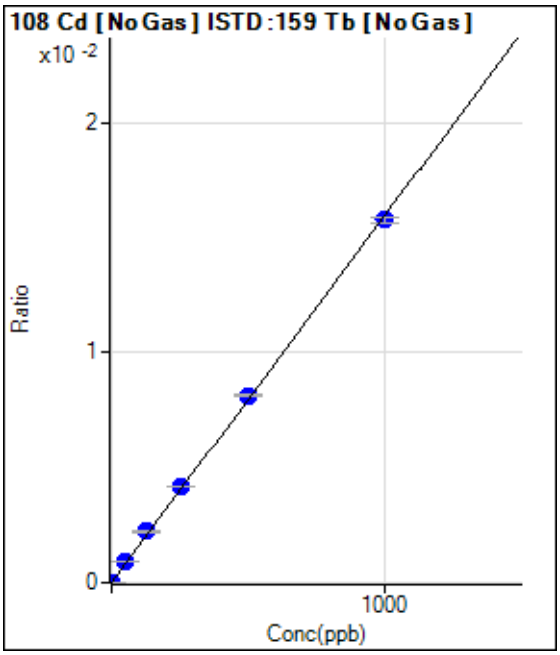
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	464.54	0.0000	P	5.9
2	☐	1.000	1.137	20078.34	0.0013	P	1.3
3	☐	50.000	56.802	989324.53	0.0622	P	1.1
4	☐	125.000	141.023	2388875.18	0.1543	A	1.4
5	☐	250.000	263.659	4324133.18	0.2884	A	1.1
6	☐	500.000	515.106	8283900.67	0.5634	A	1.3
7	☐	1000.000	986.689	16090830.01	1.0791	A	1.3
8	☐			3849.18	0.0003	P	17.8

y = 0.0011 * x + 3.0205E-005
R = 0.9997
DL = 0.004874

Weight: <None>
Min Conc: 0

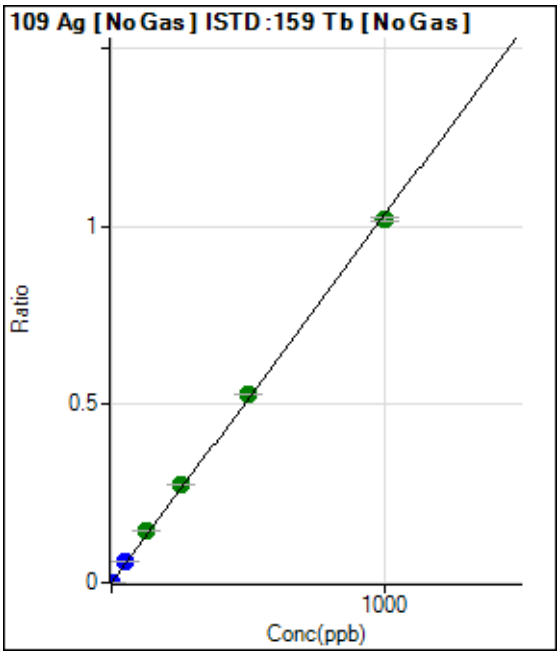


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	27.7
2	☐	1.000	1.121	305.56	0.0000	P	8.2
3	☐	50.000	57.983	14736.45	0.0009	P	1.6
4	☐	125.000	139.286	34406.37	0.0022	P	1.1
5	☐	250.000	262.934	62865.31	0.0042	P	1.3
6	☐	500.000	509.745	119500.43	0.0081	P	1.3
7	☐	1000.000	989.709	235257.88	0.0158	P	1.9
8	☐			128.89	0.0000	P	4.6

y = 1.5940E-005 * x + 1.5142E-006
R = 0.9998
DL = 0.07882

Weight: <None>
Min Conc: 0

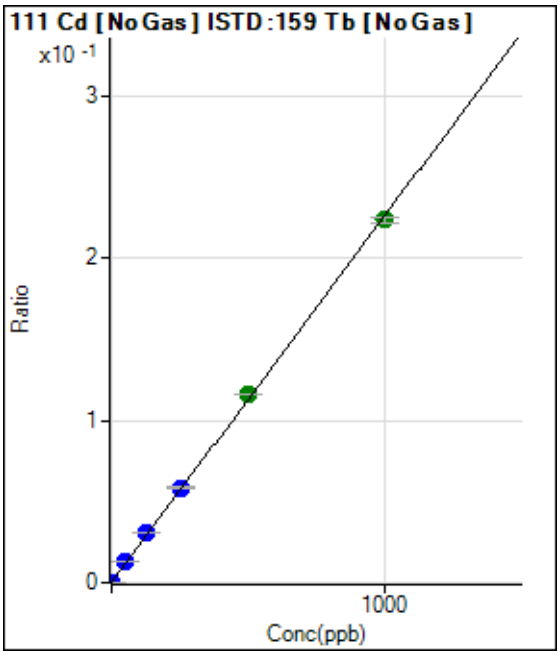
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	412.23	0.0000	P	4.3
2	☐	1.000	1.121	18648.75	0.0012	P	2.2
3	☐	50.000	56.919	934913.15	0.0587	P	1.0
4	☐	125.000	140.758	2248657.93	0.1452	A	0.7
5	☐	250.000	267.867	4142938.72	0.2763	A	0.7
6	☐	500.000	513.051	7781299.54	0.5292	A	0.6
7	☐	1000.000	986.692	15175307.27	1.0177	A	1.2
8	☐			3544.92	0.0002	P	17.4

y = 0.0010 * x + 2.6801E-005
R = 0.9996
DL = 0.00338

Weight: <None>
Min Conc: 0

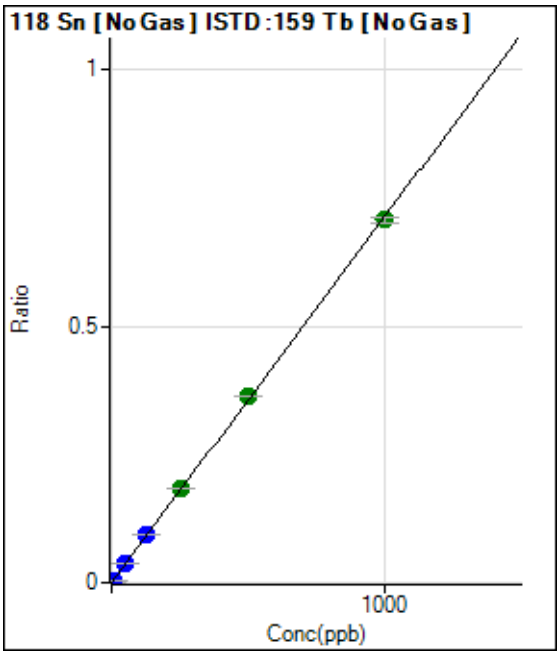


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2529.17	0.0002	P	3.1
2	☐	1.000	1.205	6877.43	0.0004	P	2.1
3	☐	50.000	55.853	203276.45	0.0128	P	1.0
4	☐	125.000	134.511	472672.82	0.0305	P	0.7
5	☐	250.000	258.520	877221.49	0.0585	P	1.9
6	☐	500.000	513.350	1706053.14	0.1160	A	0.5
7	☐	1000.000	989.713	3333255.68	0.2235	A	1.5
8	☐			3059.60	0.0002	P	4.4

y = 2.2570E-004 * x + 1.6441E-004
R = 0.9998
DL = 0.06777

Weight: <None>
Min Conc: 0

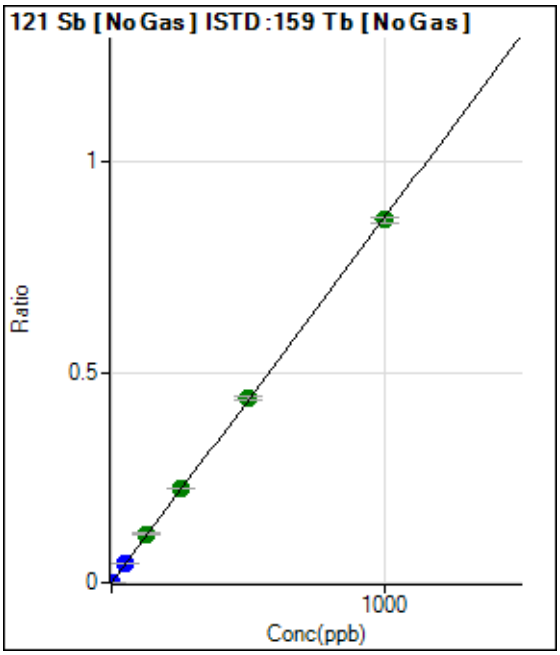
Reviewed By:Mohan
On:12/20/2024
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2147.96	0.0001	P	3.2
2	☐	5.000	5.702	66251.18	0.0042	P	1.1
3	☐	50.000	53.530	609483.21	0.0383	P	0.7
4	☐	125.000	129.904	1435763.69	0.0927	P	0.9
5	☐	250.000	256.945	2747685.65	0.1833	A	1.2
6	☐	500.000	510.887	5355639.64	0.3642	A	0.5
7	☐	1000.000	992.027	10543804.71	0.7071	A	1.4
8	☐			5005.36	0.0003	P	11.1

y = 7.1265E-004 * x + 1.3963E-004
R = 0.9999
DL = 0.01885

Weight: <None>
Min Conc: 0

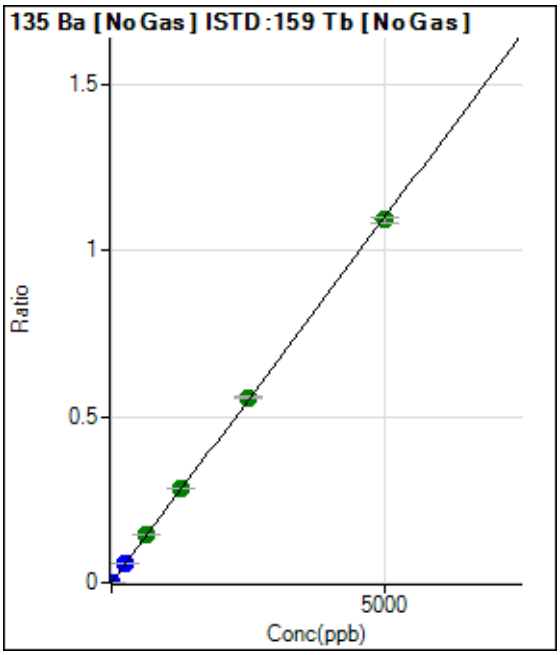


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.34	0.0000	P	6.0
2	☐	2.000	2.218	30647.11	0.0019	P	0.5
3	☐	50.000	52.938	731259.35	0.0459	P	1.0
4	☐	125.000	132.833	1784501.73	0.1152	A	2.6
5	☐	250.000	258.995	3368830.57	0.2247	A	0.7
6	☐	500.000	505.450	6447170.60	0.4385	A	1.3
7	☐	1000.000	993.900	12855522.73	0.8621	A	1.4
8	☐			7161.86	0.0005	P	12.0

y = 8.6742E-004 * x + 2.0357E-005
R = 0.9999
DL = 0.004189

Weight: <None>
Min Conc: 0

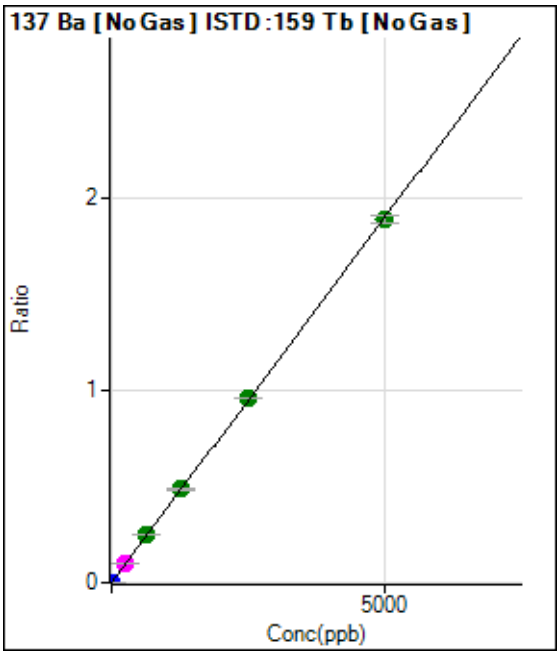
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	405.57	0.0000	P	24.9
2	☐	10.000	10.654	37317.70	0.0024	P	1.4
3	☐	250.000	257.947	902691.35	0.0567	P	0.8
4	☐	625.000	658.215	2240251.25	0.1447	A	0.7
5	☐	1250.000	1286.543	4239156.39	0.2827	A	1.1
6	☐	2500.000	2538.745	8203393.35	0.5579	A	0.5
7	☐	5000.000	4966.941	16275121.56	1.0915	A	1.3
8	☐			8063.47	0.0005	P	8.6

y = 2.1974E-004 * x + 2.6378E-005
R = 0.9999
DL = 0.08963

Weight: <None>
Min Conc: 0

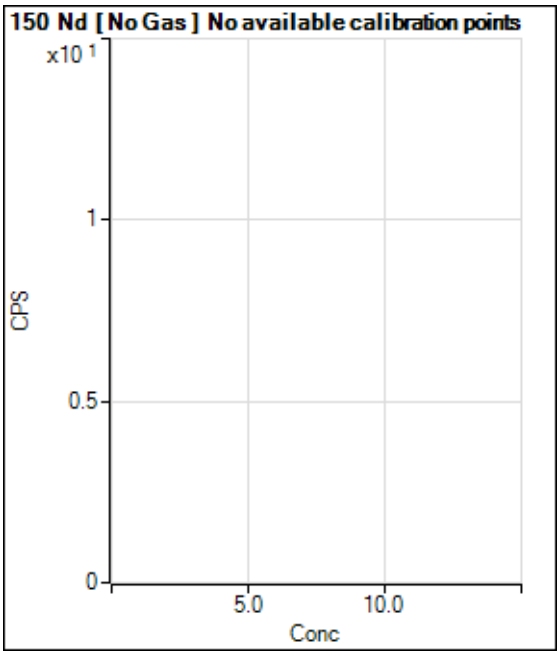


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	683.36	0.0000	P	7.6
2	☐	10.000	10.710	64626.84	0.0041	P	1.5
3	☐	250.000	264.459	1594859.06	0.1002	M	2.2
4	☐	625.000	651.627	3822069.66	0.2468	A	1.3
5	☐	1250.000	1279.844	7266955.03	0.4847	A	1.8
6	☐	2500.000	2532.108	14100363.40	0.9589	A	0.7
7	☐	5000.000	4972.432	28077519.58	1.8831	A	2.0
8	☐			13732.29	0.0009	P	7.4

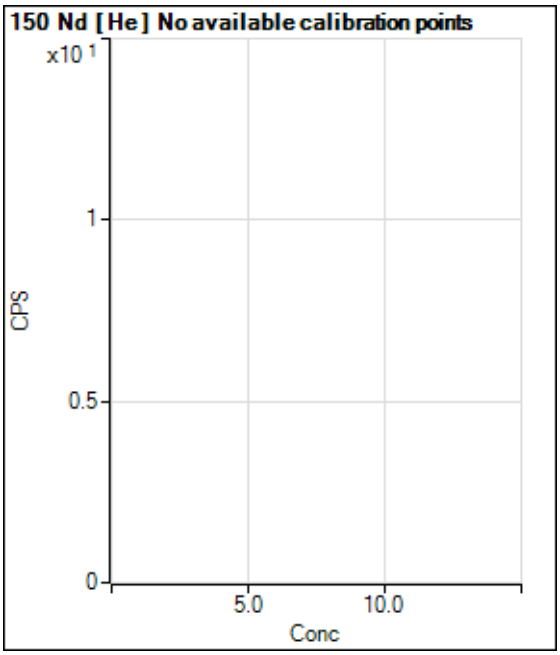
y = 3.7869E-004 * x + 4.4406E-005
R = 0.9999
DL = 0.02679

Weight: <None>
Min Conc: 0

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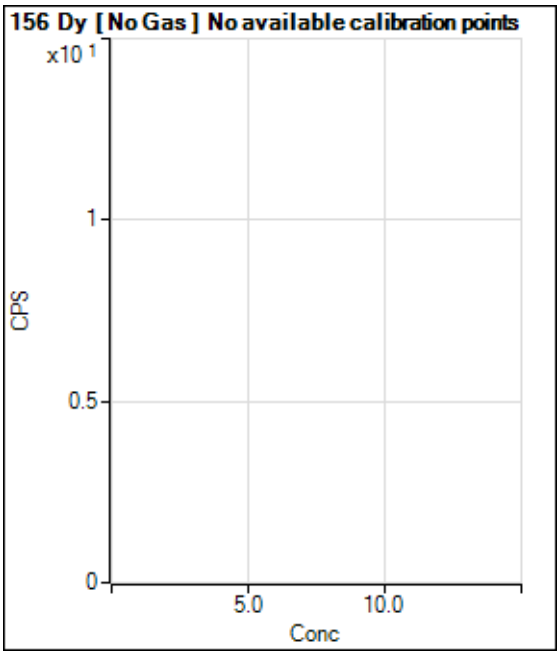


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	78.1
2	☐			8.89		P	21.6
3	☐			67.78		P	23.2
4	☐			124.45		P	6.2
5	☐			220.00		P	3.0
6	☐			386.68		P	10.5
7	☐			753.36		P	4.7
8	☐			260.01		P	11.0

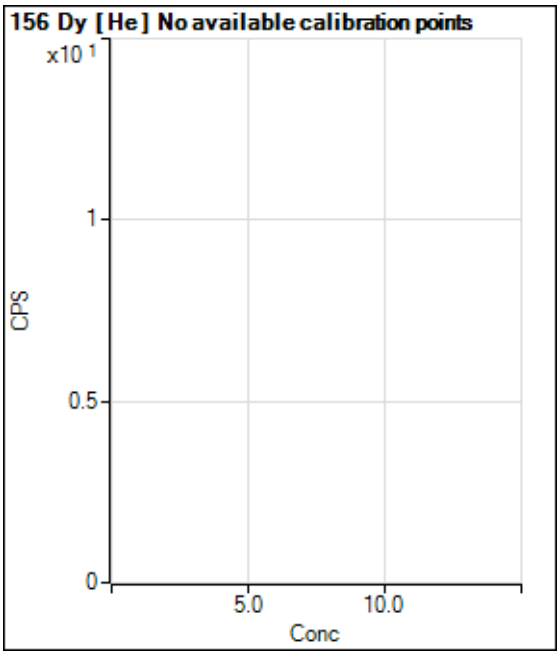


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	50.0
3	☐			8.89		P	43.3
4	☐			36.67		P	18.2
5	☐			45.56		P	25.7
6	☐			93.33		P	32.1
7	☐			185.56		P	2.7
8	☐			172.23		P	11.2

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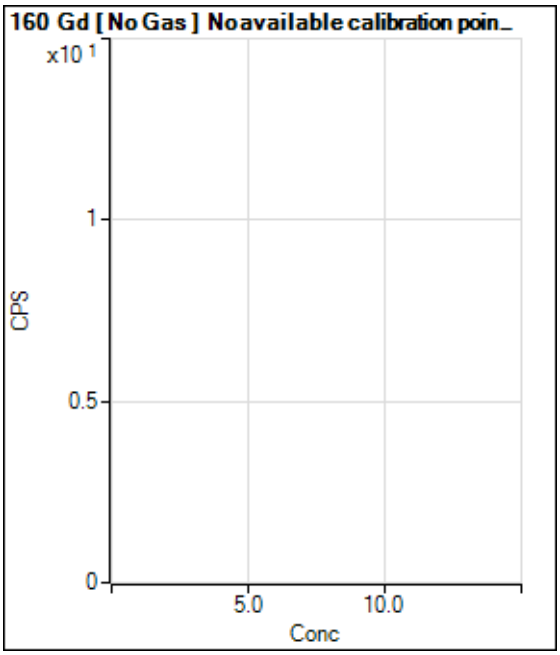


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			35.56		P	28.6
2	☐			24.45		P	28.4
3	☐			36.67		P	32.8
4	☐			40.00		P	25.0
5	☐			71.11		P	5.4
6	☐			127.78		P	6.0
7	☐			247.78		P	10.8
8	☐			491.13		P	7.0

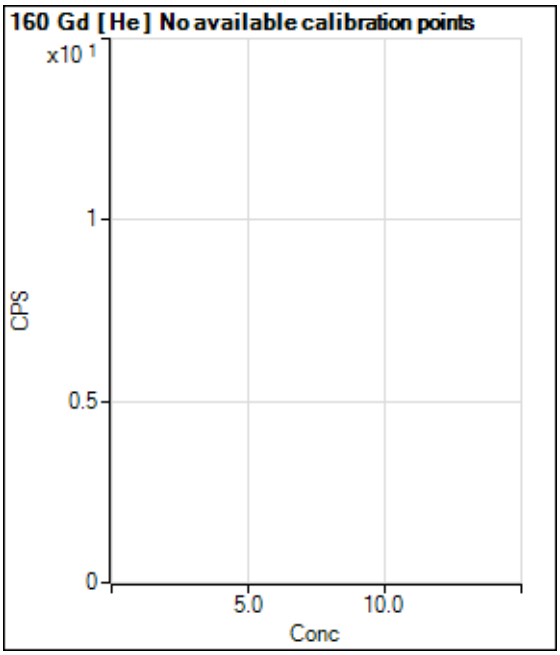


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1	☐			8.89		P	86.6
2	☐			10.00		P	33.3
3	☐			70.00		P	12.6
4	☐			101.11		P	12.5
5	☐			222.23		P	15.0
6	☐			338.89		P	6.0
7	☐			794.47		P	10.1
8	☐			400.01		P	5.5

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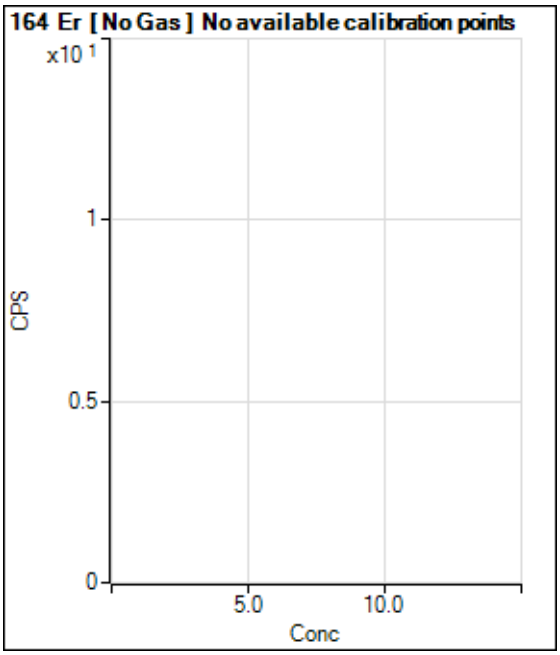


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			40.00		P	30.0
2	☐			57.78		P	8.8
3	☐			55.55		P	6.9
4	☐			67.78		P	7.5
5	☐			95.55		P	21.3
6	☐			113.34		P	5.1
7	☐			150.00		P	15.6
8	☐			476.68		P	5.6

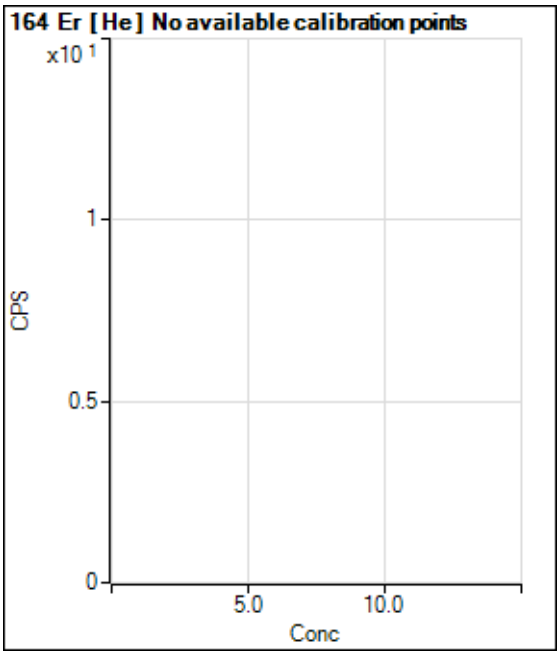


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			614.46		P	12.0
2	☐			731.14		P	2.1
3	☐			661.13		P	1.5
4	☐			651.14		P	11.9
5	☐			650.02		P	8.3
6	☐			596.69		P	4.9
7	☐			701.14		P	2.7
8	☐			920.04		P	3.8

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

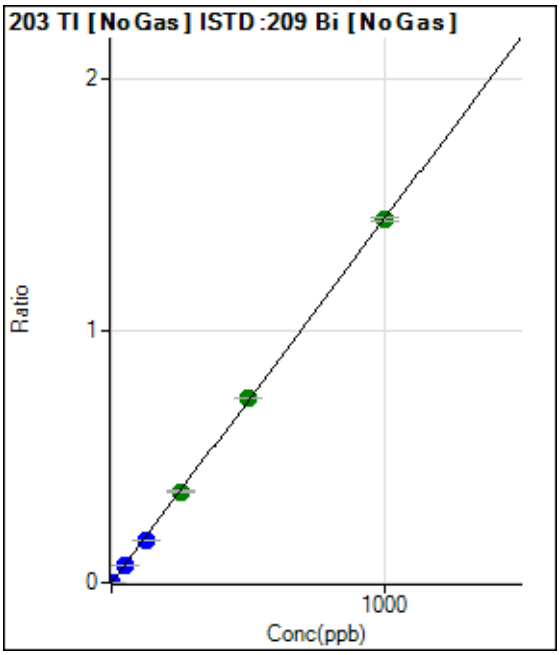


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			58.89		P	33.2
2	☐			72.22		P	23.7
3	☐			75.56		P	16.7
4	☐			86.67		P	25.2
5	☐			87.78		P	34.5
6	☐			134.45		P	6.2
7	☐			148.89		P	8.5
8	☐			556.68		P	10.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			45.56		P	11.2
2	☐			41.11		P	54.0
3	☐			51.11		P	44.4
4	☐			60.00		P	14.7
5	☐			45.55		P	23.5
6	☐			82.22		P	8.4
7	☐			120.00		P	14.4
8	☐			407.79		P	11.3

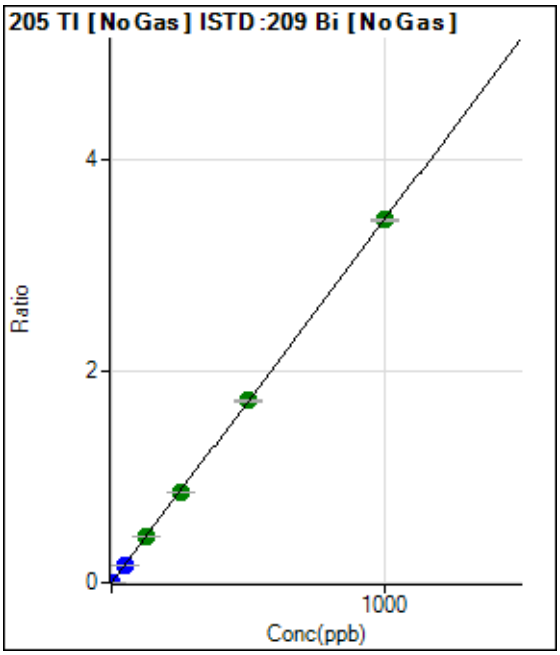
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On:12/20/2024
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	671.14	0.0001	P	4.4
2	☐	1.000	0.942	13497.88	0.0014	P	0.2
3	☐	50.000	48.046	657009.96	0.0694	P	2.1
4	☐	125.000	118.408	1596300.67	0.1709	P	0.4
5	☐	250.000	250.935	3310586.31	0.3621	A	1.2
6	☐	500.000	507.162	6612891.85	0.7318	A	0.9
7	☐	1000.000	997.107	12943659.81	1.4387	A	0.9
8	☐			2438.04	0.0003	P	20.5

y = 0.0014 * x + 7.4890E-005
R = 0.9999
DL = 0.006912

Weight: <None>
Min Conc: 0

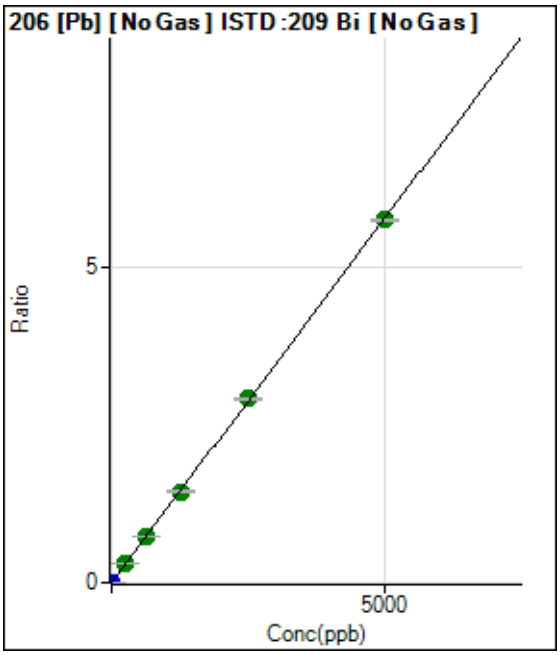


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1433.42	0.0002	P	7.0
2	☐	1.000	0.973	32905.32	0.0035	P	2.2
3	☐	50.000	47.674	1549851.61	0.1637	P	2.0
4	☐	125.000	126.167	4043546.57	0.4329	A	1.9
5	☐	250.000	248.897	7807141.34	0.8539	A	1.1
6	☐	500.000	501.762	15554644.91	1.7213	A	1.0
7	☐	1000.000	999.365	30843698.98	3.4283	A	0.6
8	☐			5926.95	0.0007	P	23.4

y = 0.0034 * x + 1.6003E-004
R = 1.0000
DL = 0.009758

Weight: <None>
Min Conc: 0

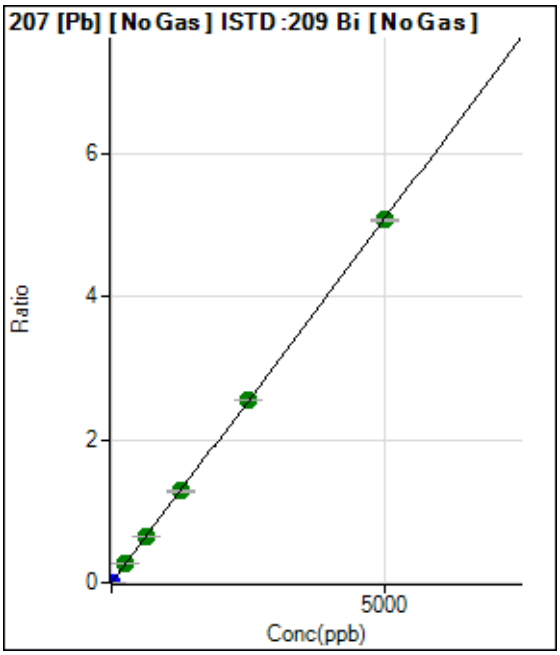
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1829.03	0.0002	P	1.8
2	☐	1.000	0.909	11761.83	0.0013	P	1.8
3	☐	250.000	254.265	2773258.43	0.2929	A	2.6
4	☐	625.000	624.670	6718626.50	0.7193	A	1.0
5	☐	1250.000	1249.669	13154603.83	1.4389	A	1.1
6	☐	2500.000	2528.008	26300747.94	2.9105	A	0.7
7	☐	5000.000	4985.907	51643684.23	5.7401	A	0.3
8	☐			15911.73	0.0019	P	10.9

y = 0.0012 * x + 2.0412E-004
R = 1.0000
DL = 0.009589

Weight: <None>
Min Conc: 0

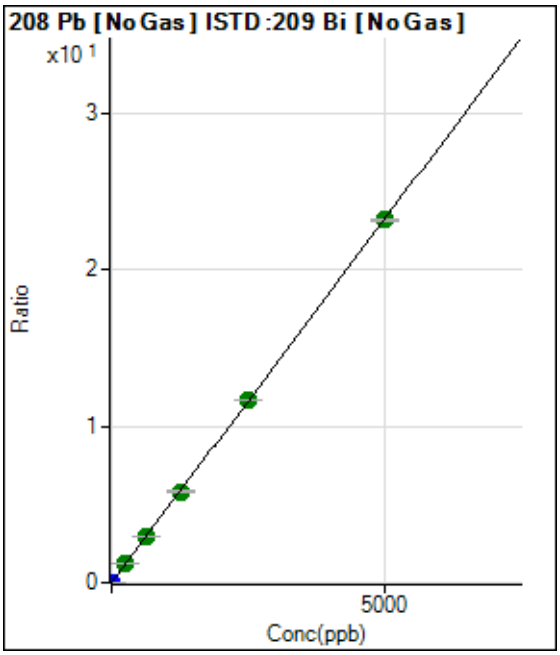


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1614.56	0.0002	P	8.4
2	☐	1.000	0.871	10032.68	0.0011	P	3.6
3	☐	250.000	254.715	2457122.57	0.2595	A	1.0
4	☐	625.000	630.822	5999762.55	0.6424	A	0.6
5	☐	1250.000	1261.103	11739301.77	1.2840	A	0.8
6	☐	2500.000	2513.148	23121331.32	2.5587	A	0.3
7	☐	5000.000	4989.687	45703068.76	5.0799	A	0.5
8	☐			14130.88	0.0017	P	12.6

y = 0.0010 * x + 1.8019E-004
R = 1.0000
DL = 0.04463

Weight: <None>
Min Conc: 0

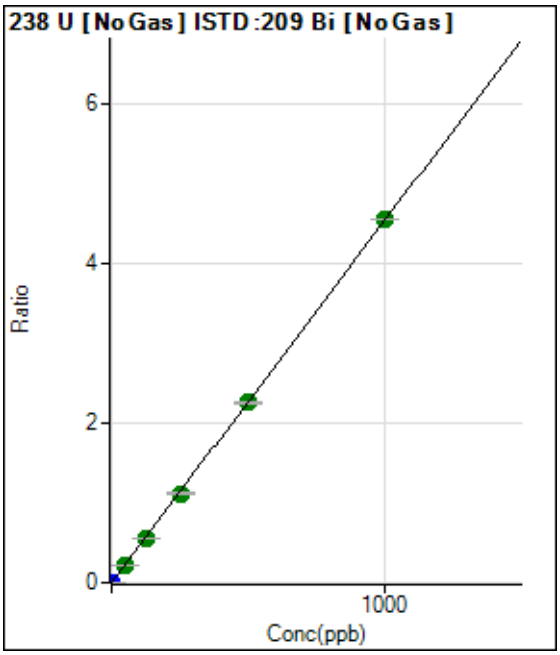
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11:40:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7428.65	0.0008	P	1.1
2	☐	1.000	0.880	46262.20	0.0049	P	1.9
3	☐	250.000	253.041	11138625.78	1.1764	A	1.3
4	☐	625.000	625.437	27145676.19	2.9064	A	0.6
5	☐	1250.000	1252.367	53198862.12	5.8189	A	1.0
6	☐	2500.000	2514.541	105568321.76	11.6825	A	0.4
7	☐	5000.000	4991.931	208652800.22	23.1915	A	0.2
8	☐			63770.43	0.0078	P	11.2

y = 0.0046 * x + 8.2895E-004
R = 1.0000
DL = 0.005695

Weight: <None>
Min Conc: 0

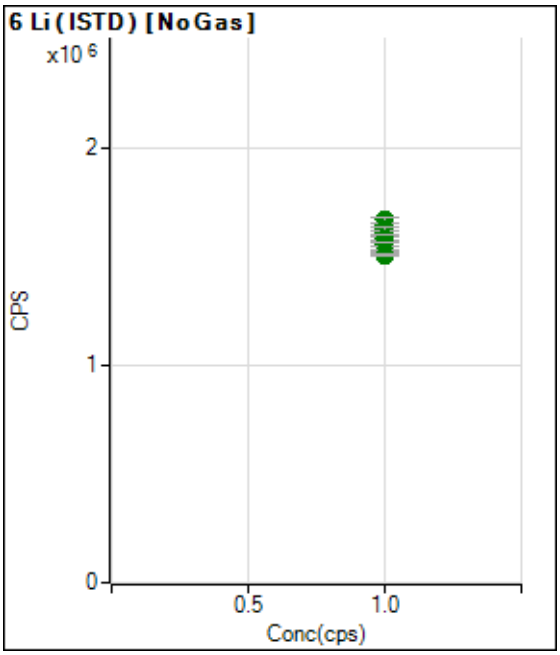


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	704.47	0.0001	P	9.6
2	☐	1.000	0.893	38796.37	0.0041	P	2.8
3	☐	50.000	47.877	2054162.42	0.2170	A	1.7
4	☐	125.000	121.005	5120301.11	0.5482	A	1.1
5	☐	250.000	245.580	10170687.90	1.1125	A	2.4
6	☐	500.000	497.561	20368362.75	2.2540	A	0.8
7	☐	1000.000	1002.930	40875272.72	4.5432	A	0.2
8	☐			6079.29	0.0007	P	24.9

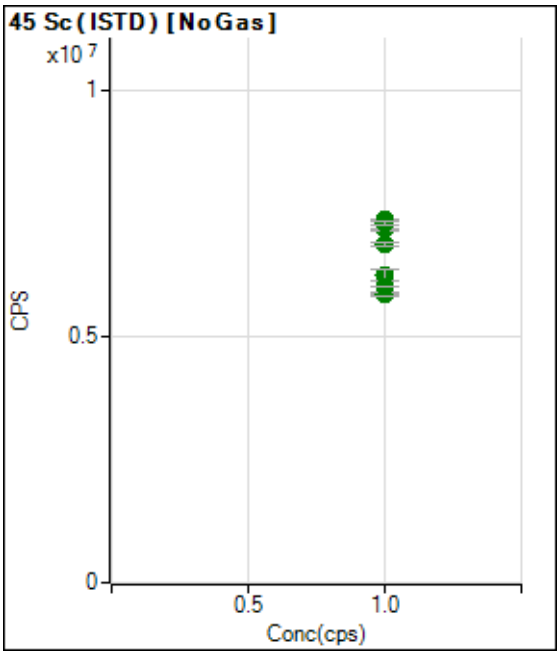
y = 0.0045 * x + 7.8639E-005
R = 1.0000
DL = 0.005017

Weight: <None>
Min Conc: 0

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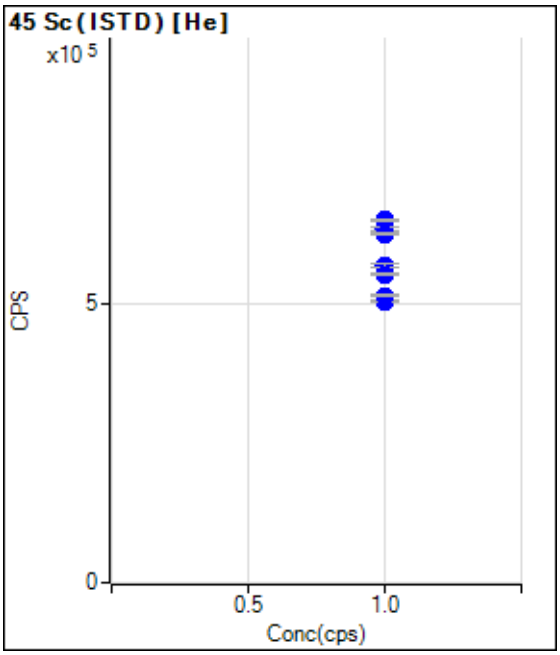


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1	☐	1.000		1606285.70		A	2.0
2	☐	1.000		1643395.43		A	1.0
3	☐	1.000		1668012.63		A	1.3
4	☐	1.000		1627324.46		A	1.2
5	☐	1.000		1584786.28		A	1.9
6	☐	1.000		1557354.87		A	1.2
7	☐	1.000		1522105.81		A	0.8
8	☐	1.000		1506970.50		A	0.9

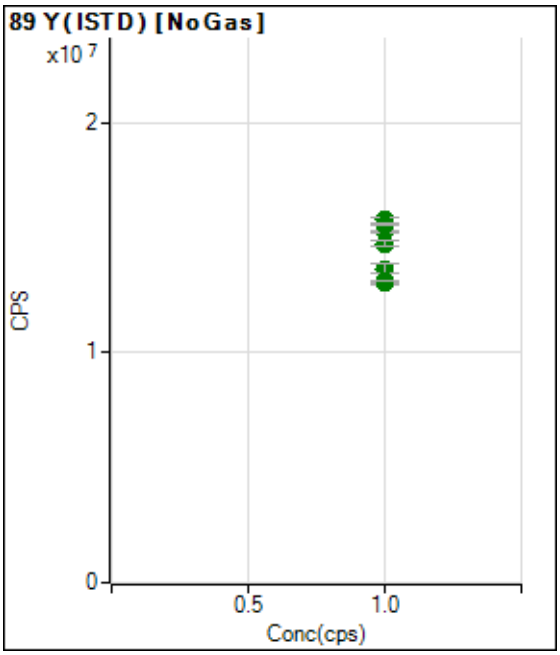


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7161476.28		A	0.4
2	☐	1.000		7356518.43		A	0.7
3	☐	1.000		7289171.84		A	1.2
4	☐	1.000		6861997.05		A	0.9
5	☐	1.000		6234300.67		A	3.9
6	☐	1.000		5868792.20		A	0.2
7	☐	1.000		5852638.73		A	0.9
8	☐	1.000		6002906.16		A	0.4

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

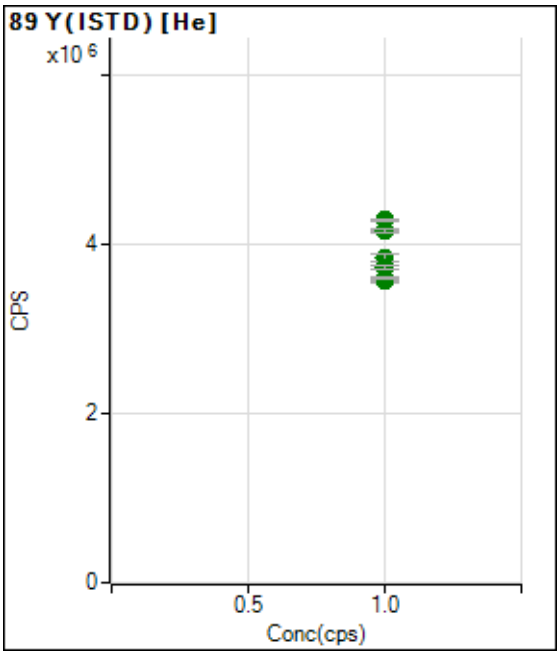


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2	☐	1.000		652756.60		P	0.7
3	☐	1.000		627171.91		P	0.8
4	☐	1.000		570692.49		P	0.8
5	☐	1.000		515590.77		P	0.5
6	☐	1.000		506405.71		P	0.6
7	☐	1.000		517221.23		P	0.4
8	☐	1.000		553979.44		P	0.7

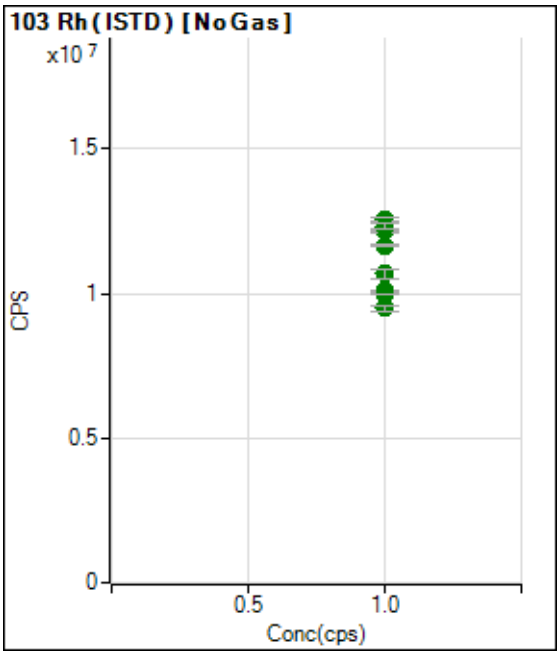


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15289700.05		A	0.5
2	☐	1.000		15770679.76		A	1.4
3	☐	1.000		15569844.21		A	0.7
4	☐	1.000		14724547.42		A	1.7
5	☐	1.000		13660880.07		A	3.0
6	☐	1.000		13015609.11		A	0.3
7	☐	1.000		13093353.14		A	0.6
8	☐	1.000		13122735.08		A	0.6

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

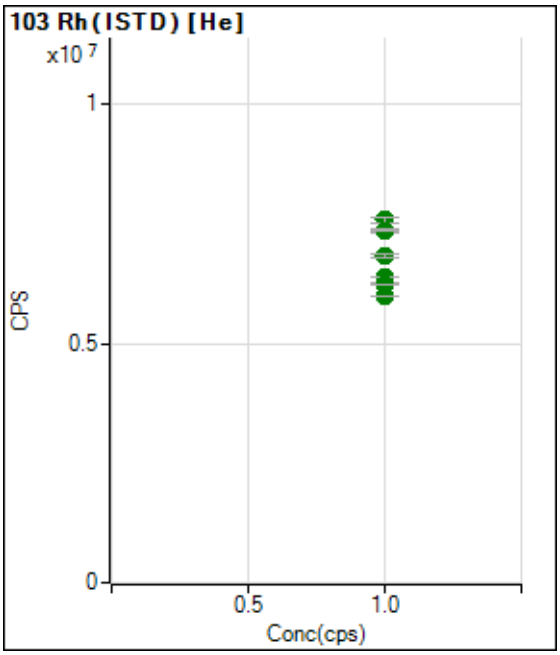


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4166465.11		A	0.9
2	☐	1.000		4286692.36		A	0.7
3	☐	1.000		4154162.54		A	0.7
4	☐	1.000		3839658.90		A	2.4
5	☐	1.000		3593520.47		A	1.5
6	☐	1.000		3556677.93		A	0.2
7	☐	1.000		3598818.63		A	1.1
8	☐	1.000		3726001.33		A	0.8

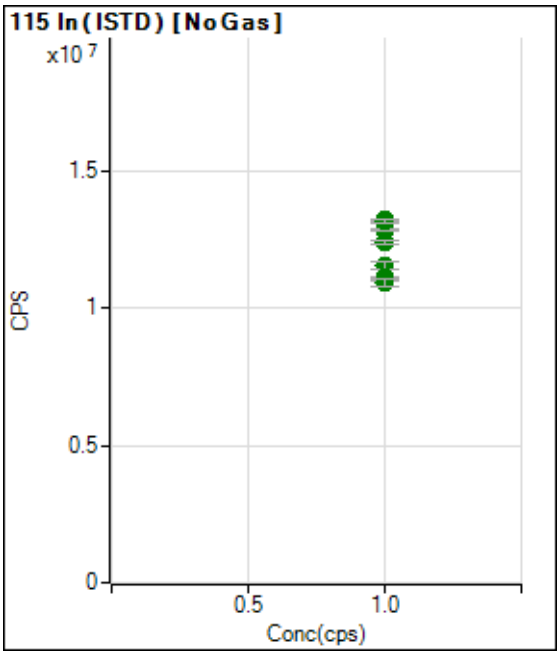


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12148912.46		A	0.6
2	☐	1.000		12542990.23		A	1.0
3	☐	1.000		12322262.73		A	1.3
4	☐	1.000		11646523.02		A	0.7
5	☐	1.000		10699642.76		A	3.1
6	☐	1.000		10073865.06		A	0.3
7	☐	1.000		9963723.46		A	0.4
8	☐	1.000		9493008.75		A	1.8

Reviewed By:Mohan
On:12/20/2024
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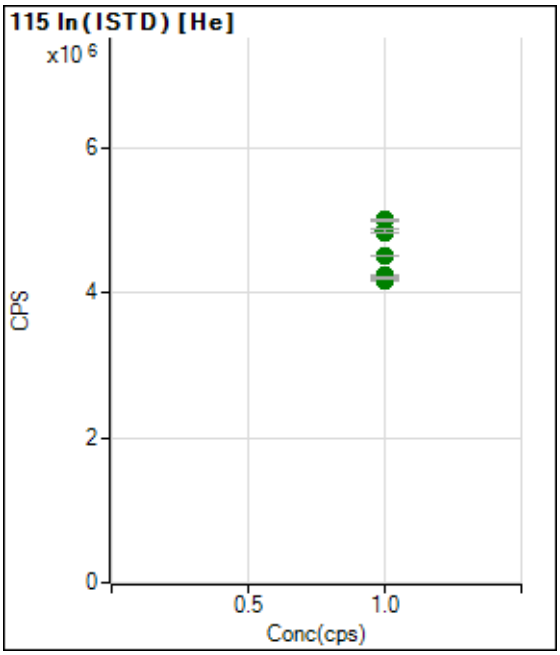


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1	☐	1.000		7338868.71		A	0.7
2	☐	1.000		7586200.65		A	1.3
3	☐	1.000		7366197.95		A	0.7
4	☐	1.000		6836151.77		A	1.7
5	☐	1.000		6403164.56		A	0.2
6	☐	1.000		6248505.53		A	0.8
7	☐	1.000		6243066.43		A	0.2
8	☐	1.000		5992687.62		A	0.5

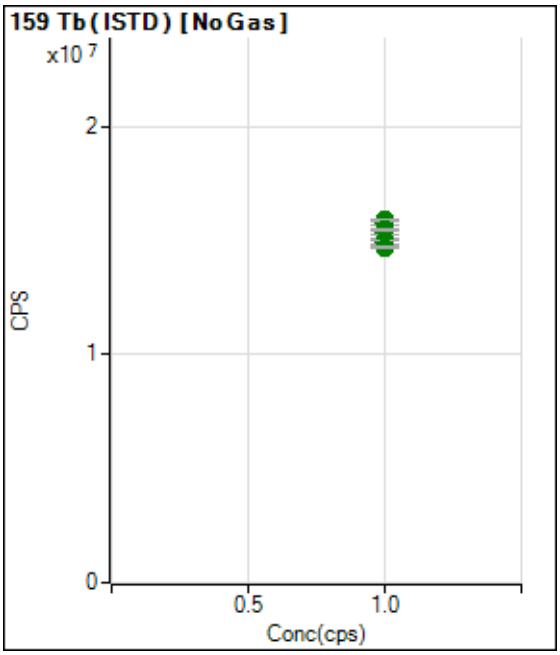


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12867074.78		A	0.4
2	☐	1.000		13231103.23		A	0.7
3	☐	1.000		13199038.58		A	1.0
4	☐	1.000		12439149.02		A	1.2
5	☐	1.000		11587599.40		A	2.4
6	☐	1.000		11161624.58		A	0.3
7	☐	1.000		11039326.48		A	0.4
8	☐	1.000		10949802.06		A	2.3

Reviewed By:Mohan
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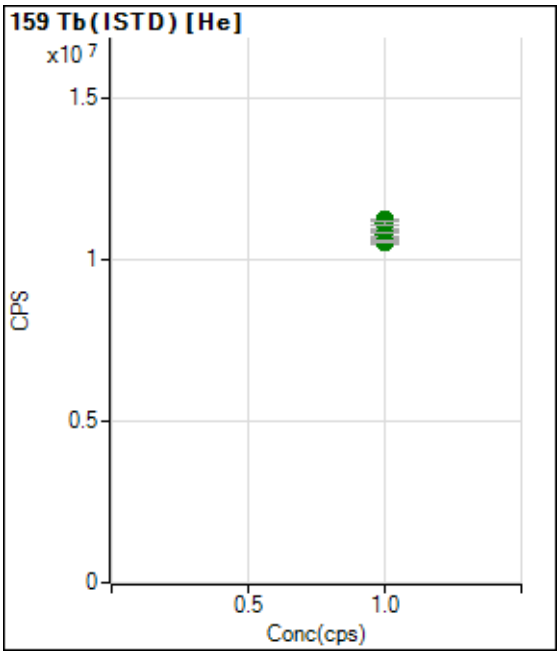


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1	☐	1.000		4835980.14		A	0.3
2	☐	1.000		5006598.20		A	0.7
3	☐	1.000		4855632.33		A	0.6
4	☐	1.000		4521787.83		A	0.1
5	☐	1.000		4236602.23		A	0.8
6	☐	1.000		4187801.01		A	0.8
7	☐	1.000		4168501.56		A	0.5
8	☐	1.000		4207442.83		A	0.9

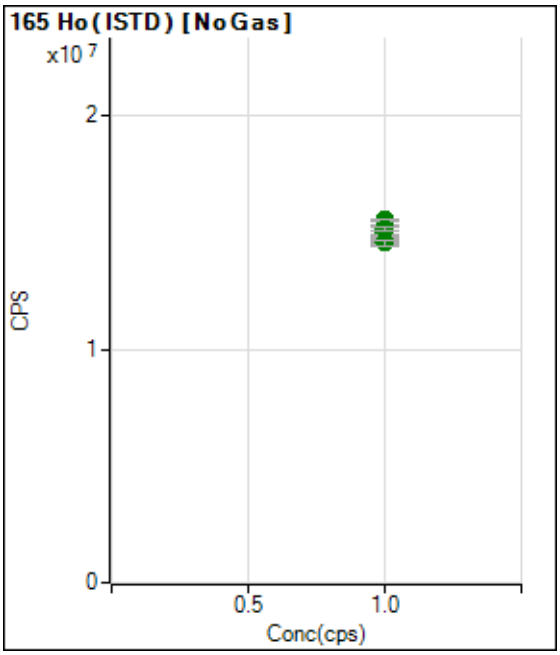


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15386161.44		A	1.2
2	☐	1.000		15763597.96		A	0.9
3	☐	1.000		15918495.87		A	0.5
4	☐	1.000		15486080.05		A	0.5
5	☐	1.000		14995318.39		A	1.8
6	☐	1.000		14704143.25		A	0.2
7	☐	1.000		14912392.69		A	0.9
8	☐	1.000		14711047.00		A	0.8

Reviewed By:Mohan
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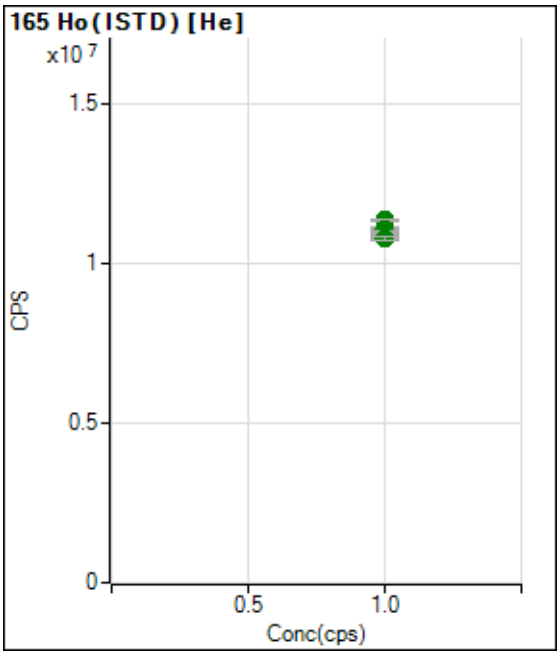


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1	☐	1.000		10942515.67		A	0.5
2	☐	1.000		11225685.39		A	0.8
3	☐	1.000		11137834.14		A	1.2
4	☐	1.000		10762957.48		A	0.9
5	☐	1.000		10559915.54		A	1.7
6	☐	1.000		10613987.20		A	0.6
7	☐	1.000		10748937.34		A	1.2
8	☐	1.000		10542853.53		A	0.7

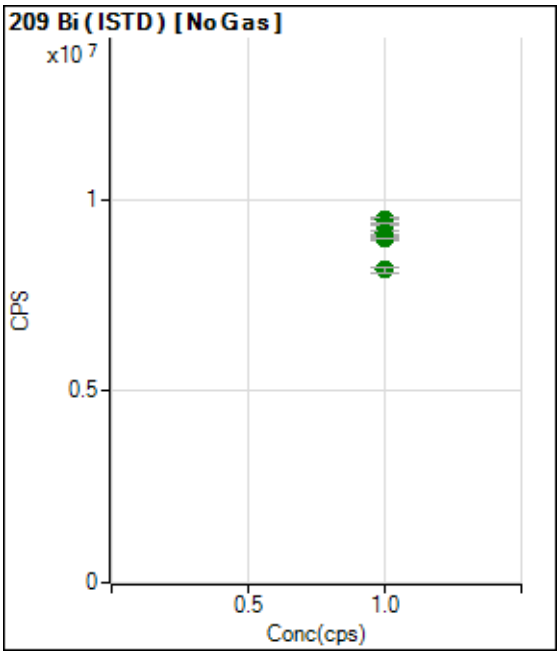


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1	☐	1.000		15024007.83		A	1.1
2	☐	1.000		15308192.41		A	0.4
3	☐	1.000		15534374.77		A	0.7
4	☐	1.000		15170246.30		A	1.3
5	☐	1.000		14598394.23		A	1.7
6	☐	1.000		14599086.87		A	0.2
7	☐	1.000		14689451.87		A	1.3
8	☐	1.000		14538396.73		A	1.4

Reviewed By:Mohan
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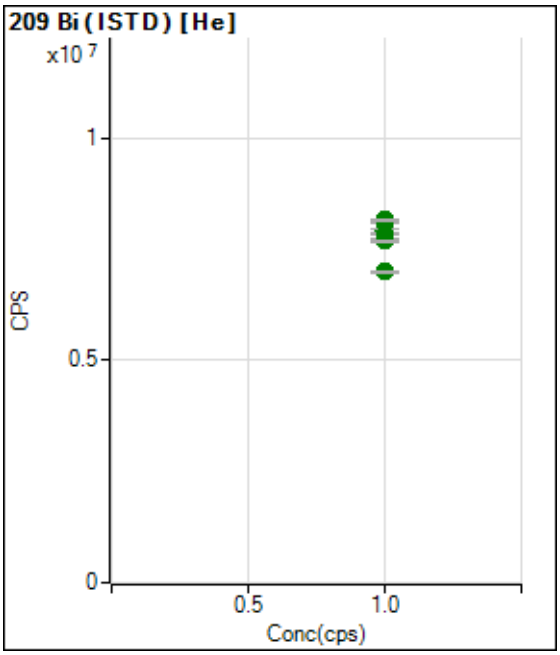


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11017911.92		A	0.8
2	☐	1.000		11318910.11		A	0.1
3	☐	1.000		11365652.61		A	0.4
4	☐	1.000		11085559.97		A	1.0
5	☐	1.000		10822369.70		A	1.0
6	☐	1.000		10873172.89		A	1.0
7	☐	1.000		10996713.86		A	0.9
8	☐	1.000		10798484.01		A	1.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8961882.99		A	1.1
2	☐	1.000		9410229.03		A	2.0
3	☐	1.000		9469931.66		A	1.7
4	☐	1.000		9340036.94		A	0.6
5	☐	1.000		9143134.66		A	1.2
6	☐	1.000		9036549.45		A	0.4
7	☐	1.000		8996958.20		A	0.2
8	☐	1.000		8158151.27		A	1.5

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7838638.43		A	0.5
2	☐	1.000		8117172.38		A	0.9
3	☐	1.000		8162667.52		A	0.9
4	☐	1.000		7927706.89		A	1.0
5	☐	1.000		7829807.18		A	0.3
6	☐	1.000		7739948.01		A	0.5
7	☐	1.000		7685219.40		A	0.3
8	☐	1.000		7005568.85		A	0.7

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7
ClientSampleId
:TUNE003

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7121924MS1.b
Acq. Date-Time	2024-12-19 14:30:21
Report Comment	---
Instrument Name	G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		8888	88881.11			0.402	5.000
24		71370	713697.87			0.698	5.000
25		8561	85605.76			0.572	5.000
26		9596	95962.10			0.503	5.000
59		120255	1202550.72			0.652	5.000
113		16207	162072.87			0.452	5.000
115		204389	2043885.09			0.505	5.000
206		38545	385454.13			0.581	5.000
207		33930	339295.63			0.776	5.000
208		81189	811890.90			0.617	5.000
220		0	1.90			68.117	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

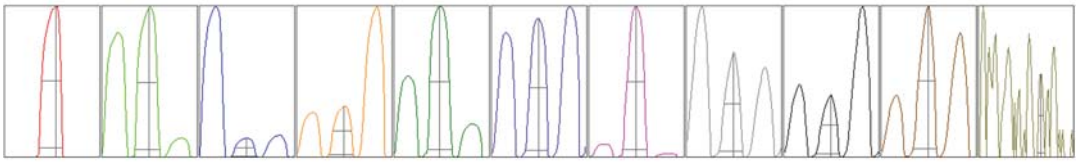
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8919	8895	8915	8830	8882
24	71960	71300	71183	70679	71726
25	8585	8511	8523	8552	8632
26	9546	9606	9674	9578	9578
59	121264	120754	119402	120283	119573
113	16271	16242	16253	16092	16178
115	205281	205055	204923	203862	202821
206	38674	38280	38779	38332	38662
207	34005	33523	34047	33851	34223
208	81750	80779	80956	80749	81711

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	15495.79	9.15	8.90 - 9.10	Fail
24	119680.77	24.00	23.90 - 24.10	
25	14940.48	25.00	24.90 - 25.10	
26	16985.51	26.00	25.90 - 26.10	
59	204679.25	58.95	58.90 - 59.10	
113	30889.23	113.00	112.90 - 113.10	
115	387401.00	115.00	114.90 - 115.10	
206	80306.17	206.00	205.90 - 206.10	
207	69206.81	207.00	206.90 - 207.10	
208	166378.18	208.00	207.90 - 208.10	
220	0.30	220.50	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.736	0.900	
24	0.63	0.782	0.900	
25	0.60	0.761	0.900	
26	0.59	0.758	0.900	
59	0.61	0.782	0.900	
113	0.53	0.727	0.900	
115	0.54	0.767	0.900	
206	0.51	0.758	0.900	
207	0.51	0.730	0.900	
208	0.51	0.734	0.900	
220	0.18	0.243		

Integration Time [sec] 0.1
Acquisition Time [sec] 256.770000000002
Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.9
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.3 V	Deflect	16.2 V
Extract 2	-115.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.17		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.6 mm

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		40092	400922.16			0.197	
89		45801	458006.90			0.492	
205		45613	456130.28			0.425	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	40224	40097	40074	40033	40032
89	45967	46106	45704	45651	45575
205	45659	45879	45450	45679	45398

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.7 V	Deflect	4.0 V

US EPA Tune Check Report

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Extract 2	-165.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-85 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.17		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.6 mm		

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:04:22	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	-0.06	-0.18	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Barium	135-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.00	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.00	-0.03	0.00	N/A	ppb
Cadmium	106-1	-0.30	0.00	0.29	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.00	0.02	0.00	N/A	ppb
Calcium	43-1	3.32	-0.50	-2.82	0.00	N/A	ppb
Calcium	44-1	2.71	-1.12	-1.59	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.02	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.10	-0.01	0.11	0.00	N/A	ppb
Iron	57-2	1.35	-1.12	-0.24	0.00	N/A	ppb
Iron	54-2	-0.02	-0.34	0.37	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:04:22	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.16	-0.38	0.22	0.00	N/A	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-18.22	-16.99	-17.91	-17.71		ppb
Potassium	39-2	-1.48	0.11	1.37	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.14	-0.04	-0.10	0.00	N/A	ppb
Selenium	77-2	-0.10	-0.10	0.19	0.00	N/A	ppb
Selenium	78-2	-0.05	0.31	-0.26	0.00	N/A	ppb
Silicon	28-1	0.25	1.88	-2.13	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.31	0.32	-0.02	0.00	N/A	ppb
Strontium	86-1	0.13	-0.01	-0.12	0.00	N/A	ppb
Strontium	88-1	0.03	-0.04	0.01	0.00	N/A	ppb
Sulfur	34-1	-54.50	-30.41	-72.36	-52.42		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.03	0.02	0.01	0.00	N/A	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:04:22	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	0.00	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

Reviewed By:Mohan
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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:10:54	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.75	18.19	17.65	17.86	1.62	ppb
Antimony	121-1	2.23	2.22	2.20	2.22	0.54	ppb
Arsenic	75-2	1.12	1.20	1.25	1.19	5.44	ppb
Barium	135-1	10.65	10.50	10.81	10.65	1.45	ppb
Barium	137-1	10.77	10.53	10.83	10.71	1.50	ppb
Beryllium	9-1	1.05	1.04	1.01	1.03	2.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.24	1.05	1.08	1.12	8.91	ppb
Cadmium	106-1	2.41	1.99	1.14	1.85	34.84	ppb
Cadmium	111-1	1.25	1.18	1.18	1.20	3.39	ppb
Calcium	43-1	559.26	553.39	560.13	557.59	0.66	ppb
Calcium	44-1	553.67	552.68	556.73	554.36	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	2.14	2.12	2.13	0.46	ppb
Cobalt	59-2	1.12	1.08	1.12	1.11	2.24	ppb
Copper	63-2	1.88	1.85	1.92	1.88	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	51.43	50.86	51.48	51.26	0.67	ppb
Iron	57-2	53.43	52.56	57.30	54.43	4.63	ppb
Iron	54-2	54.25	52.61	55.59	54.15	2.76	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:10:54	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.92	0.91	0.89	0.91	2.10	ppb
Lead	207-1	0.91	0.84	0.86	0.87	4.36	ppb
Lead	208-1	0.90	0.88	0.86	0.88	2.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	525.51	525.51	529.99	527.00	0.49	ppb
Manganese	55-2	0.90	0.87	0.86	0.88	2.18	ppb
Molybdenum	94-1	5.90	5.94	5.84	5.90	0.84	ppb
Molybdenum	95-1	5.13	4.95	4.88	4.99	2.60	ppb
Molybdenum	96-1	5.10	5.06	4.94	5.03	1.62	ppb
Molybdenum	97-1	5.01	4.96	4.86	4.94	1.55	ppb
Molybdenum	98-1	4.92	4.92	4.90	4.91	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.09	1.14	1.12	2.34	ppb
Phosphorus	31-2	12.63	18.58	21.91	17.71	26.56	ppb
Potassium	39-2	538.31	541.38	548.28	542.66	0.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	5.27	4.83	4.94	5.01	4.60	ppb
Selenium	77-2	5.55	4.89	5.49	5.31	6.84	ppb
Selenium	78-2	5.93	6.80	5.70	6.14	9.48	ppb
Silicon	28-1	-5.66	-11.77	-10.28	-9.24		ppb
Silver	107-1	1.12	1.14	1.15	1.14	1.37	ppb
Silver	109-1	1.14	1.09	1.13	1.12	2.27	ppb
Sodium	23-2	490.85	492.35	498.77	493.99	0.85	ppb
Strontium	86-1	26.94	26.25	25.08	26.09	3.60	ppb
Strontium	88-1	26.14	25.28	25.64	25.68	1.67	ppb
Sulfur	34-1	107.65	42.75	6.87	52.42	97.45	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.94	0.94	0.94	0.94	0.24	ppb
Thallium	205-1	1.00	0.97	0.95	0.97	2.32	ppb
Tin	118-1	5.75	5.63	5.72	5.70	1.15	ppb
Titanium	47-1	5.07	4.95	4.88	4.97	1.99	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:10:54	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.88	0.88	0.89	2.84	ppb
Vanadium	51-2	5.21	5.23	5.29	5.24	0.74	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	5.82	5.59	5.90	5.77	2.82	ppb
Zirconium	90-1	1.03	1.01	0.99	1.01	2.10	ppb
Zirconium	91-1	1.03	1.03	0.99	1.01	2.49	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:14:09	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	972.64	979.14	977.95	976.58	0.35	ppb
Antimony	121-1	52.63	53.57	52.62	52.94	1.03	ppb
Arsenic	75-2	54.35	53.99	53.66	54.00	0.64	ppb
Barium	135-1	258.23	259.78	255.83	257.95	0.77	ppb
Barium	137-1	258.10	269.07	266.20	264.46	2.15	ppb
Beryllium	9-1	50.34	52.28	50.76	51.13	2.00	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	58.27	58.76	56.92	57.98	1.64	ppb
Cadmium	106-1	58.62	59.14	57.12	58.29	1.80	ppb
Cadmium	111-1	55.67	56.48	55.40	55.85	1.01	ppb
Calcium	43-1	5340.68	5405.80	5446.86	5397.78	0.99	ppb
Calcium	44-1	5164.85	5198.87	5133.88	5165.87	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.87	51.12	51.42	51.13	0.54	ppb
Cobalt	59-2	51.16	51.70	51.32	51.39	0.54	ppb
Copper	63-2	523.23	531.59	520.16	525.00	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	2604.85	2618.42	2602.11	2608.46	0.33	ppb
Iron	57-2	2673.35	2692.37	2675.30	2680.34	0.39	ppb
Iron	54-2	2744.21	2743.99	2743.51	2743.90	0.01	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:14:09	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	248.02	253.79	260.98	254.26	2.55	ppb
Lead	207-1	251.88	255.10	257.16	254.71	1.04	ppb
Lead	208-1	250.16	252.47	256.50	253.04	1.27	ppb
Lithium	6-1				104		%
Magnesium	24-2	4971.48	5037.55	5095.35	5034.79	1.23	ppb
Manganese	55-2	503.16	509.03	495.50	502.57	1.35	ppb
Molybdenum	94-1	508.64	507.49	507.85	507.99	0.12	ppb
Molybdenum	95-1	506.61	509.02	507.19	507.60	0.25	ppb
Molybdenum	96-1	506.97	514.92	504.36	508.75	1.08	ppb
Molybdenum	97-1	505.46	512.41	500.14	506.00	1.22	ppb
Molybdenum	98-1	505.25	509.31	498.98	504.51	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.20	52.34	52.02	52.19	0.31	ppb
Phosphorus	31-2	1058.45	1012.69	1052.21	1041.12	2.38	ppb
Potassium	39-2	2547.73	2602.53	2566.89	2572.38	1.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	52.32	53.89	52.73	52.98	1.54	ppb
Selenium	77-2	51.23	53.31	52.73	52.42	2.05	ppb
Selenium	78-2	53.54	49.58	55.18	52.77	5.46	ppb
Silicon	28-1	31.53	36.19	36.30	34.67	7.86	ppb
Silver	107-1	56.53	57.50	56.37	56.80	1.08	ppb
Silver	109-1	56.46	57.57	56.73	56.92	1.01	ppb
Sodium	23-2	5017.38	5049.01	5073.92	5046.77	0.56	ppb
Strontium	86-1	1240.83	1263.40	1257.55	1253.93	0.93	ppb
Strontium	88-1	1279.95	1276.62	1276.91	1277.83	0.14	ppb
Sulfur	34-1	1076.27	1173.39	1178.20	1142.62	5.03	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	47.40	47.51	49.23	48.05	2.14	ppb
Thallium	205-1	46.84	47.47	48.71	47.67	2.00	ppb
Tin	118-1	53.09	53.80	53.69	53.53	0.71	ppb
Titanium	47-1	494.47	503.23	502.01	499.90	0.95	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:14:09	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	47.56	47.29	48.78	47.88	1.65	ppb
Vanadium	51-2	50.23	50.63	50.23	50.36	0.46	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	508.27	514.08	509.02	510.45	0.62	ppb
Zirconium	90-1	49.19	49.81	49.40	49.47	0.64	ppb
Zirconium	91-1	49.75	50.60	50.11	50.15	0.84	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:17:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2456.34	2440.94	2450.85	2449.38	0.32	ppb
Antimony	121-1	129.77	132.24	136.49	132.83	2.56	ppb
Arsenic	75-2	129.86	129.22	134.27	131.11	2.10	ppb
Barium	135-1	654.90	663.46	656.28	658.21	0.70	ppb
Barium	137-1	646.57	661.73	646.57	651.63	1.34	ppb
Beryllium	9-1	126.22	123.90	126.42	125.51	1.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	138.61	141.01	138.24	139.29	1.08	ppb
Cadmium	106-1	139.66	140.56	139.32	139.85	0.46	ppb
Cadmium	111-1	133.50	135.40	134.63	134.51	0.71	ppb
Calcium	43-1	13266.02	13337.37	13368.14	13323.84	0.39	ppb
Calcium	44-1	12577.60	12744.09	12866.45	12729.38	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.92	127.20	127.02	127.38	0.37	ppb
Cobalt	59-2	127.26	127.35	126.79	127.13	0.23	ppb
Copper	63-2	1309.50	1308.44	1299.58	1305.84	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	6646.61	6593.44	6635.26	6625.11	0.42	ppb
Iron	57-2	6781.61	6706.46	6783.09	6757.06	0.65	ppb
Iron	54-2	6792.60	6822.30	6770.77	6795.22	0.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:17:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	619.04	631.01	623.96	624.67	0.96	ppb
Lead	207-1	628.24	635.21	629.02	630.82	0.61	ppb
Lead	208-1	621.16	628.67	626.48	625.44	0.62	ppb
Lithium	6-1				101		%
Magnesium	24-2	12630.78	12452.83	12498.46	12527.36	0.74	ppb
Manganese	55-2	1275.76	1271.48	1287.75	1278.33	0.66	ppb
Molybdenum	94-1	1241.68	1288.01	1289.46	1273.05	2.13	ppb
Molybdenum	95-1	1240.19	1283.83	1267.98	1264.00	1.75	ppb
Molybdenum	96-1	1250.53	1277.65	1281.50	1269.89	1.33	ppb
Molybdenum	97-1	1246.63	1276.24	1285.76	1269.55	1.61	ppb
Molybdenum	98-1	1235.52	1266.96	1265.58	1256.02	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.47	127.82	130.08	129.12	0.91	ppb
Phosphorus	31-2	2626.31	2556.06	2577.79	2586.72	1.39	ppb
Potassium	39-2	6388.36	6305.27	6324.72	6339.45	0.69	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	82-1	127.84	130.76	129.75	129.45	1.15	ppb
Selenium	77-2	131.49	131.38	133.91	132.26	1.08	ppb
Selenium	78-2	136.67	135.59	137.52	136.59	0.71	ppb
Silicon	28-1	106.45	109.01	110.32	108.59	1.81	ppb
Silver	107-1	140.87	143.01	139.18	141.02	1.36	ppb
Silver	109-1	140.51	141.86	139.90	140.76	0.71	ppb
Sodium	23-2	12710.92	12569.42	12732.47	12670.94	0.70	ppb
Strontium	86-1	3047.94	3157.09	3135.85	3113.62	1.86	ppb
Strontium	88-1	3122.83	3189.76	3215.27	3175.95	1.50	ppb
Sulfur	34-1	2660.10	2636.13	2636.15	2644.13	0.52	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	118.15	119.01	118.06	118.41	0.44	ppb
Thallium	205-1	124.72	128.91	124.87	126.17	1.89	ppb
Tin	118-1	128.54	130.40	130.77	129.90	0.92	ppb
Titanium	47-1	1259.61	1267.51	1251.15	1259.42	0.65	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:17:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	119.74	122.30	120.98	121.00	1.06	ppb
Vanadium	51-2	125.67	125.21	125.73	125.54	0.23	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	1282.52	1269.71	1279.37	1277.20	0.52	ppb
Zirconium	90-1	124.57	125.42	127.72	125.90	1.29	ppb
Zirconium	91-1	122.46	126.19	125.51	124.72	1.59	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:19:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5037.55	4999.23	5017.54	5018.11	0.38	ppb
Antimony	121-1	256.86	260.62	259.50	258.99	0.75	ppb
Arsenic	75-2	253.98	255.81	256.65	255.48	0.53	ppb
Barium	135-1	1272.06	1287.26	1300.30	1286.54	1.10	ppb
Barium	137-1	1253.83	1296.46	1289.24	1279.84	1.78	ppb
Beryllium	9-1	244.56	255.47	256.50	252.17	2.62	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	259.77	266.37	262.66	262.93	1.26	ppb
Cadmium	106-1	262.29	267.55	264.76	264.86	0.99	ppb
Cadmium	111-1	253.13	262.62	259.81	258.52	1.89	ppb
Calcium	43-1	25680.88	26917.02	26797.49	26465.13	2.58	ppb
Calcium	44-1	24722.83	25905.58	25617.22	25415.21	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.76	254.35	253.44	253.85	0.18	ppb
Cobalt	59-2	261.42	261.63	258.00	260.35	0.78	ppb
Copper	63-2	2585.68	2597.93	2582.72	2588.78	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	13255.88	13347.84	13289.18	13297.63	0.35	ppb
Iron	57-2	13268.80	13445.33	13462.74	13392.29	0.80	ppb
Iron	54-2	13483.42	13697.29	13467.89	13549.53	0.95	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:19:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1241.36	1241.67	1265.98	1249.67	1.13	ppb
Lead	207-1	1251.27	1260.14	1271.90	1261.10	0.82	ppb
Lead	208-1	1240.18	1252.75	1264.17	1252.37	0.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	25348.34	25009.91	25117.26	25158.51	0.69	ppb
Manganese	55-2	2556.06	2583.23	2550.98	2563.42	0.68	ppb
Molybdenum	94-1	2469.06	2546.59	2560.19	2525.28	1.95	ppb
Molybdenum	95-1	2451.32	2553.27	2529.63	2511.41	2.12	ppb
Molybdenum	96-1	2450.48	2558.94	2517.33	2508.91	2.18	ppb
Molybdenum	97-1	2459.62	2540.59	2512.81	2504.34	1.64	ppb
Molybdenum	98-1	2443.81	2517.55	2501.44	2487.60	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.65	255.38	253.56	253.86	0.55	ppb
Phosphorus	31-2	5197.91	5132.10	5054.76	5128.26	1.40	ppb
Potassium	39-2	12446.59	12642.56	12533.83	12540.99	0.78	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				81		%
Selenium	82-1	250.95	263.33	261.60	258.63	2.59	ppb
Selenium	77-2	266.61	261.32	263.26	263.73	1.01	ppb
Selenium	78-2	255.14	264.57	259.49	259.73	1.82	ppb
Silicon	28-1	228.75	245.85	251.18	241.93	4.84	ppb
Silver	107-1	262.00	266.99	261.98	263.66	1.10	ppb
Silver	109-1	265.68	268.53	269.39	267.87	0.72	ppb
Sodium	23-2	25695.19	25550.49	25421.82	25555.84	0.54	ppb
Strontium	86-1	5990.74	6218.91	6214.46	6141.37	2.12	ppb
Strontium	88-1	6148.13	6383.44	6360.42	6297.33	2.06	ppb
Sulfur	34-1	4945.57	5387.12	5280.43	5204.37	4.43	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	248.27	250.15	254.38	250.93	1.25	ppb
Thallium	205-1	245.94	249.52	251.23	248.90	1.09	ppb
Tin	118-1	254.27	260.48	256.08	256.95	1.24	ppb
Titanium	47-1	2386.17	2501.29	2554.60	2480.69	3.47	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:19:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	238.82	248.99	248.93	245.58	2.38	ppb
Vanadium	51-2	250.14	251.63	249.36	250.37	0.46	ppb
Yttrium	89-1				89		%
Yttrium	89-2				86		%
Zinc	66-2	2640.70	2590.24	2654.85	2628.60	1.29	ppb
Zirconium	90-1	243.57	250.55	256.02	250.05	2.50	ppb
Zirconium	91-1	240.53	250.23	249.85	246.87	2.22	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:22:45	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9812.65	10131.76	9975.77	9973.40	1.60	ppb
Antimony	121-1	497.93	509.65	508.77	505.45	1.29	ppb
Arsenic	75-2	508.95	504.41	502.51	505.29	0.66	ppb
Barium	135-1	2523.68	2549.37	2543.18	2538.74	0.53	ppb
Barium	137-1	2513.04	2544.23	2539.05	2532.11	0.66	ppb
Beryllium	9-1	489.94	507.19	486.87	494.67	2.21	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	504.30	516.86	508.08	509.74	1.26	ppb
Cadmium	106-1	516.43	514.55	518.12	516.37	0.35	ppb
Cadmium	111-1	511.24	516.17	512.64	513.35	0.50	ppb
Calcium	43-1	52227.42	51429.77	51486.82	51714.67	0.86	ppb
Calcium	44-1	51037.46	51386.04	51129.51	51184.34	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.77	510.37	513.46	511.20	0.39	ppb
Cobalt	59-2	509.24	513.42	514.53	512.40	0.54	ppb
Copper	63-2	5086.06	5148.08	5121.59	5118.58	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	26303.84	26443.44	26263.28	26336.85	0.36	ppb
Iron	57-2	26350.64	26595.73	26357.11	26434.49	0.53	ppb
Iron	54-2	26574.59	26866.70	26641.62	26694.30	0.57	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:22:45	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2532.27	2544.18	2507.57	2528.01	0.74	ppb
Lead	207-1	2510.06	2521.56	2507.83	2513.15	0.29	ppb
Lead	208-1	2513.97	2525.08	2504.58	2514.54	0.41	ppb
Lithium	6-1				97		%
Magnesium	24-2	49730.06	50660.85	50283.42	50224.78	0.93	ppb
Manganese	55-2	5047.86	5098.38	5054.60	5066.95	0.54	ppb
Molybdenum	94-1	5051.74	5068.41	5058.03	5059.39	0.17	ppb
Molybdenum	95-1	5064.40	5043.48	5062.84	5056.91	0.23	ppb
Molybdenum	96-1	5058.84	5067.74	5060.91	5062.50	0.09	ppb
Molybdenum	97-1	5035.62	5045.38	5039.53	5040.18	0.10	ppb
Molybdenum	98-1	5009.81	5008.46	5052.68	5023.65	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.37	500.20	497.51	499.69	0.40	ppb
Phosphorus	31-2	10098.25	10161.39	10187.83	10149.15	0.45	ppb
Potassium	39-2	25008.05	25057.41	25270.31	25111.92	0.56	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				82		%
Scandium	45-2				80		%
Selenium	82-1	508.20	510.30	512.23	510.24	0.40	ppb
Selenium	77-2	513.84	524.74	500.39	512.99	2.38	ppb
Selenium	78-2	509.83	506.15	514.46	510.15	0.82	ppb
Silicon	28-1	492.70	511.36	512.82	505.62	2.22	ppb
Silver	107-1	507.76	521.39	516.17	515.11	1.33	ppb
Silver	109-1	509.70	515.52	513.93	513.05	0.59	ppb
Sodium	23-2	50419.92	51195.42	50811.90	50809.08	0.76	ppb
Strontium	86-1	12595.63	12586.21	12530.21	12570.68	0.28	ppb
Strontium	88-1	12578.58	12680.47	12691.83	12650.30	0.49	ppb
Sulfur	34-1	9973.50	10144.21	10153.71	10090.48	1.01	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	504.46	512.34	504.69	507.16	0.88	ppb
Thallium	205-1	502.70	506.35	496.23	501.76	1.02	ppb
Tin	118-1	508.18	511.71	512.77	510.89	0.47	ppb
Titanium	47-1	4985.26	5019.75	4983.74	4996.25	0.41	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:22:45	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	492.86	500.61	499.22	497.56	0.83	ppb
Vanadium	51-2	510.83	509.34	505.82	508.66	0.51	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%
Zinc	66-2	5150.32	5200.89	5164.00	5171.74	0.51	ppb
Zirconium	90-1	500.58	504.52	506.57	503.89	0.60	ppb
Zirconium	91-1	495.91	498.39	508.87	501.06	1.37	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:25:28	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19402.20	19267.19	19462.30	19377.23	0.52	ppb
Antimony	121-1	977.58	1003.42	1000.71	993.90	1.43	ppb
Arsenic	75-2	986.38	1004.51	994.17	995.02	0.91	ppb
Barium	135-1	4891.31	5018.55	4990.96	4966.94	1.35	ppb
Barium	137-1	4858.67	5053.90	5004.73	4972.43	2.04	ppb
Beryllium	9-1	1001.85	1010.15	994.00	1002.00	0.81	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	969.73	1007.14	992.26	989.71	1.90	ppb
Cadmium	106-1	967.47	1000.53	989.48	985.83	1.71	ppb
Cadmium	111-1	973.81	992.79	1002.55	989.71	1.48	ppb
Calcium	43-1	101287.23	100520.32	103336.61	101714.72	1.43	ppb
Calcium	44-1	101472.81	101306.97	101776.24	101518.68	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	997.24	998.38	983.63	993.08	0.83	ppb
Cobalt	59-2	979.02	995.95	997.67	990.88	1.04	ppb
Copper	63-2	9882.82	9945.12	9902.93	9910.29	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	51267.88	51951.32	51484.18	51567.79	0.68	ppb
Iron	57-2	51392.55	51544.94	51197.55	51378.34	0.34	ppb
Iron	54-2	52019.77	52247.21	52160.56	52142.52	0.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:25:28	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4972.36	4980.11	5005.25	4985.91	0.34	ppb
Lead	207-1	4968.32	4986.97	5013.77	4989.69	0.46	ppb
Lead	208-1	4997.19	4980.60	4998.01	4991.93	0.20	ppb
Lithium	6-1				95		%
Magnesium	24-2	96351.89	98853.02	96820.06	97341.66	1.37	ppb
Manganese	55-2	9892.35	10020.15	9928.50	9947.00	0.66	ppb
Molybdenum	94-1	9835.50	10076.38	9970.24	9960.71	1.21	ppb
Molybdenum	95-1	9808.75	10083.74	10007.20	9966.56	1.42	ppb
Molybdenum	96-1	9879.47	10032.76	9978.57	9963.60	0.78	ppb
Molybdenum	97-1	9867.58	10073.59	9987.08	9976.08	1.04	ppb
Molybdenum	98-1	9908.68	10086.12	9976.10	9990.30	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.52	1016.44	985.73	998.56	1.60	ppb
Phosphorus	31-2	19934.89	19954.02	19752.47	19880.46	0.56	ppb
Potassium	39-2	48646.49	49403.38	48910.46	48986.78	0.78	ppb
Rhodium	103-1				82		%
Rhodium	103-2				85		%
Scandium	45-1				82		%
Scandium	45-2				81		%
Selenium	82-1	985.63	999.28	991.14	992.02	0.69	ppb
Selenium	77-2	991.36	983.33	992.43	989.04	0.50	ppb
Selenium	78-2	997.42	988.06	987.22	990.90	0.57	ppb
Silicon	28-1	987.13	999.52	1020.00	1002.22	1.66	ppb
Silver	107-1	972.24	998.07	989.75	986.69	1.34	ppb
Silver	109-1	973.16	994.81	992.11	986.69	1.20	ppb
Sodium	23-2	97973.01	99701.57	98407.14	98693.90	0.91	ppb
Strontium	86-1	24662.44	25404.19	24912.50	24993.04	1.51	ppb
Strontium	88-1	24685.61	25098.01	24932.15	24905.26	0.83	ppb
Sulfur	34-1	19920.27	19793.90	19921.39	19878.52	0.37	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	989.02	995.51	1006.80	997.11	0.90	ppb
Thallium	205-1	994.92	997.39	1005.79	999.37	0.57	ppb
Tin	118-1	976.18	1002.07	997.83	992.03	1.40	ppb
Titanium	47-1	10051.51	9997.49	9967.59	10005.53	0.43	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:25:28	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1002.19	1001.84	1004.76	1002.93	0.16	ppb
Vanadium	51-2	996.85	1002.70	986.92	995.49	0.80	ppb
Yttrium	89-1				86		%
Yttrium	89-2				86		%
Zinc	66-2	9921.60	9909.73	9802.84	9878.06	0.66	ppb
Zirconium	90-1	990.46	1009.12	994.30	997.96	0.99	ppb
Zirconium	91-1	989.04	1006.65	1005.16	1000.28	0.98	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:28:14	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100691.36	99429.42	100262.65	100127.81	0.64	ppb
Antimony	121-1	0.61	0.53	0.47	0.54	12.51	ppb
Arsenic	75-2	0.50	0.53	0.51	0.51	2.66	ppb
Barium	135-1	2.61	2.33	2.18	2.37	9.08	ppb
Barium	137-1	2.54	2.31	2.18	2.35	7.76	ppb
Beryllium	9-1	0.32	0.25	0.25	0.27	13.27	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.47	0.46	0.45	5.53	ppb
Cadmium	106-1	0.42	-0.21	0.33	0.18	188.86	ppb
Cadmium	111-1	0.24	0.16	0.18	0.19	21.02	ppb
Calcium	43-1	492569.67	500551.57	505041.86	499387.70	1.26	ppb
Calcium	44-1	488062.03	502260.96	508325.87	499549.62	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.60	1.27	1.33	1.40	12.38	ppb
Cobalt	59-2	2.55	2.62	2.53	2.56	1.88	ppb
Copper	63-2	1.57	1.49	1.47	1.51	3.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				85		%
Indium	115-2				87		%
Iron	56-2	249637.27	247984.15	250885.82	249502.41	0.58	ppb
Iron	57-2	248707.61	248504.92	251352.83	249521.79	0.64	ppb
Iron	54-2	248692.59	248749.81	250558.15	249333.52	0.43	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:28:14	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.70	1.51	1.33	1.52	12.19	ppb
Lead	207-1	1.76	1.45	1.35	1.52	14.09	ppb
Lead	208-1	1.70	1.48	1.32	1.50	12.51	ppb
Lithium	6-1				94		%
Magnesium	24-2	500298.41	498751.61	502450.60	500500.21	0.37	ppb
Manganese	55-2	4.45	4.41	4.21	4.36	2.86	ppb
Molybdenum	94-1	3.40	2.95	2.44	2.93	16.37	ppb
Molybdenum	95-1	2.54	1.96	1.59	2.03	23.42	ppb
Molybdenum	96-1	3.97	3.36	3.11	3.48	12.69	ppb
Molybdenum	97-1	2.46	1.85	1.66	1.99	20.96	ppb
Molybdenum	98-1	2.38	1.88	1.56	1.94	21.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.74	3.72	3.72	3.73	0.29	ppb
Phosphorus	31-2	-1.88	-5.72	-6.16	-4.59		ppb
Potassium	39-2	250991.46	249142.62	250424.99	250186.36	0.38	ppb
Rhodium	103-1				78		%
Rhodium	103-2				82		%
Scandium	45-1				84		%
Scandium	45-2				87		%
Selenium	82-1	0.92	0.76	0.76	0.81	11.19	ppb
Selenium	77-2	0.39	0.06	0.22	0.22	72.47	ppb
Selenium	78-2	-1.32	-0.83	-0.67	-0.94		ppb
Silicon	28-1	-52.38	-52.44	-53.31	-52.71		ppb
Silver	107-1	0.26	0.21	0.17	0.21	20.09	ppb
Silver	109-1	0.25	0.21	0.17	0.21	19.60	ppb
Sodium	23-2	500100.33	499122.14	501220.89	500147.78	0.21	ppb
Strontium	86-1	77.54	76.93	74.36	76.28	2.21	ppb
Strontium	88-1	74.09	74.80	75.22	74.71	0.77	ppb
Sulfur	34-1	-356.45	-264.88	-44.18	-221.84		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.20	0.15	0.12	0.15	27.31	ppb
Thallium	205-1	0.21	0.17	0.11	0.16	30.09	ppb
Tin	118-1	0.33	0.29	0.22	0.28	18.85	ppb
Titanium	47-1	2.31	1.70	1.54	1.85	21.95	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:28:14	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.14	0.11	0.15	27.86	ppb
Vanadium	51-2	0.22	0.18	0.18	0.20	11.26	ppb
Yttrium	89-1				86		%
Yttrium	89-2				89		%
Zinc	66-2	9.69	10.01	10.02	9.91	1.88	ppb
Zirconium	90-1	0.69	0.62	0.61	0.64	6.46	ppb
Zirconium	91-1	0.69	0.65	0.58	0.64	8.12	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:49:00	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	494.47	488.55	490.74	491.25	0.61	ppb
Antimony	121-1	215.67	223.83	220.21	219.90	1.86	ppb
Arsenic	75-2	218.27	218.41	219.34	218.67	0.26	ppb
Barium	135-1	103.81	106.58	104.80	105.06	1.34	ppb
Barium	137-1	104.20	106.64	106.70	105.85	1.35	ppb
Beryllium	9-1	104.33	108.32	103.51	105.39	2.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	101.77	102.35	100.89	101.67	0.73	ppb
Cadmium	106-1	97.49	101.52	99.54	99.51	2.02	ppb
Cadmium	111-1	108.37	110.74	110.17	109.76	1.13	ppb
Calcium	43-1	2144.50	2131.98	2116.67	2131.05	0.65	ppb
Calcium	44-1	2017.79	2053.87	1996.21	2022.62	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.60	105.33	105.65	105.52	0.16	ppb
Cobalt	59-2	106.13	105.23	106.18	105.85	0.51	ppb
Copper	63-2	102.41	101.80	101.83	102.02	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	2122.03	2105.29	2128.39	2118.57	0.56	ppb
Iron	57-2	2158.55	2154.76	2136.07	2149.79	0.56	ppb
Iron	54-2	2254.38	2244.04	2246.25	2248.22	0.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:49:00	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	212.75	215.39	210.55	212.90	1.14	ppb
Lead	207-1	201.53	198.39	200.13	200.02	0.79	ppb
Lead	208-1	207.06	205.58	206.83	206.49	0.39	ppb
Lithium	6-1				104		%
Magnesium	24-2	1175.53	1169.02	1168.49	1171.01	0.34	ppb
Manganese	55-2	103.22	102.29	102.78	102.76	0.45	ppb
Molybdenum	94-1	-0.12	-0.12	-0.14	-0.13		ppb
Molybdenum	95-1	-0.18	-0.16	-0.17	-0.17		ppb
Molybdenum	96-1	-0.16	-0.14	-0.15	-0.15		ppb
Molybdenum	97-1	-0.19	0.31	-0.19	-0.02		ppb
Molybdenum	98-1	-0.16	0.67	-0.16	0.11	418.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.35	107.39	108.93	108.22	0.71	ppb
Phosphorus	31-2	-17.01	-16.38	-14.28	-15.89		ppb
Potassium	39-2	2011.79	2000.89	1992.25	2001.65	0.49	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	212.70	214.46	213.73	213.63	0.41	ppb
Selenium	77-2	212.39	235.81	231.02	226.41	5.46	ppb
Selenium	78-2	221.90	224.47	226.16	224.18	0.96	ppb
Silicon	28-1	-76.11	-76.74	-78.42	-77.09		ppb
Silver	107-1	53.20	55.01	54.55	54.26	1.73	ppb
Silver	109-1	54.18	56.04	55.09	55.10	1.69	ppb
Sodium	23-2	2035.11	2033.90	1987.57	2018.86	1.34	ppb
Strontium	86-1	5.96	6.42	6.18	6.19	3.69	ppb
Strontium	88-1	5.95	6.04	6.03	6.01	0.79	ppb
Sulfur	34-1	95.96	98.58	-17.06	59.16	111.60	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	204.50	210.51	207.44	207.49	1.45	ppb
Thallium	205-1	207.09	209.40	207.17	207.89	0.63	ppb
Tin	118-1	0.11	0.13	0.11	0.11	8.31	ppb
Titanium	47-1	-0.19	-0.19	-0.20	-0.19		ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:49:00	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.02	-0.01	-0.02	-0.01		ppb
Vanadium	51-2	102.03	101.72	101.62	101.79	0.21	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	204.53	203.31	204.25	204.03	0.31	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	134.92	ppb
Zirconium	91-1	0.07	0.05	0.06	0.06	12.50	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:07:29	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.42	-1.41	-1.36	-1.40		ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	-0.03	-0.02	-0.03	-0.03		ppb
Barium	135-1	-0.11	-0.10	-0.11	-0.11		ppb
Barium	137-1	-0.10	-0.11	-0.10	-0.11		ppb
Beryllium	9-1	-0.04	-0.04	-0.03	-0.04		ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	-0.04	-0.04	-0.04		ppb
Cadmium	106-1	0.44	0.83	0.26	0.51	57.15	ppb
Cadmium	111-1	0.01	0.04	0.00	0.02	109.75	ppb
Calcium	43-1	-11.26	-9.27	-8.91	-9.81		ppb
Calcium	44-1	-11.48	-12.18	-12.02	-11.90		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.03	-0.05	-0.04		ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	-0.20	-0.20	-0.20	-0.20		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	-5.51	-5.47	-5.57	-5.52		ppb
Iron	57-2	-7.09	-6.47	-6.33	-6.63		ppb
Iron	54-2	-5.29	-5.38	-5.75	-5.47		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:07:29	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.08	-0.09	-0.09	-0.09		ppb
Lead	207-1	-0.09	-0.08	-0.08	-0.08		ppb
Lead	208-1	-0.09	-0.09	-0.09	-0.09		ppb
Lithium	6-1				105		%
Magnesium	24-2	-10.15	-10.16	-9.95	-10.09		ppb
Manganese	55-2	-0.22	-0.21	-0.21	-0.21		ppb
Molybdenum	94-1	-0.20	-0.20	-0.20	-0.20		ppb
Molybdenum	95-1	-0.19	-0.20	-0.20	-0.20		ppb
Molybdenum	96-1	-0.19	-0.20	-0.20	-0.20		ppb
Molybdenum	97-1	-0.21	-0.21	-0.21	-0.21		ppb
Molybdenum	98-1	-0.19	-0.19	-0.19	-0.19		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.01	-0.04	-0.03		ppb
Phosphorus	31-2	-17.78	-16.65	-15.97	-16.80		ppb
Potassium	39-2	-9.81	-8.74	-9.21	-9.25		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.11	-0.03	-0.09	0.00		ppb
Selenium	77-2	0.05	-0.10	0.05	0.00		ppb
Selenium	78-2	0.38	0.17	-0.49	0.02	2208.72	ppb
Silicon	28-1	-77.24	-76.11	-75.37	-76.24		ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.02	-0.01		ppb
Sodium	23-2	-4.88	-5.60	-5.56	-5.35		ppb
Strontium	86-1	-0.24	-0.59	-0.26	-0.36		ppb
Strontium	88-1	-0.49	-0.51	-0.45	-0.48		ppb
Sulfur	34-1	78.89	99.84	131.76	103.49	25.72	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.02	-0.02	-0.01	-0.02		ppb
Titanium	47-1	-0.21	-0.21	-0.22	-0.21		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:07:29	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	0.31	0.32	0.32	0.32	0.64	ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.02		ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:10:47	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94552.04	94183.12	94541.48	94425.55	0.22	ppb
Antimony	121-1	1.14	1.18	1.18	1.17	1.71	ppb
Arsenic	75-2	0.34	0.38	0.31	0.34	10.27	ppb
Barium	135-1	1.33	1.33	1.33	1.33	0.27	ppb
Barium	137-1	1.30	1.40	1.37	1.36	3.80	ppb
Beryllium	9-1	0.24	0.25	0.26	0.25	5.42	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.82	9.78	9.50	9.70	1.80	ppb
Cadmium	106-1	-0.35	-0.31	-1.11	-0.59		ppb
Cadmium	111-1	0.39	0.29	0.30	0.32	17.83	ppb
Calcium	43-1	101548.36	104813.63	102776.28	103046.09	1.60	ppb
Calcium	44-1	101280.90	104144.00	102278.78	102567.89	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.15	20.89	20.55	20.87	1.44	ppb
Cobalt	59-2	1.24	1.29	1.26	1.26	2.18	ppb
Copper	63-2	7.11	7.27	7.15	7.18	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	107327.98	107050.93	107226.24	107201.71	0.13	ppb
Iron	57-2	107017.11	106301.69	107170.63	106829.81	0.43	ppb
Iron	54-2	107373.65	107304.55	106912.06	107196.75	0.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:10:47	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.74	5.36	5.32	5.47	4.26	ppb
Lead	207-1	5.21	4.92	4.73	4.95	4.88	ppb
Lead	208-1	5.37	5.07	4.89	5.11	4.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	100262.28	100957.91	99596.16	100272.11	0.68	ppb
Manganese	55-2	7.98	7.91	7.83	7.91	0.95	ppb
Molybdenum	94-1	1648.85	1677.31	1658.03	1661.40	0.87	ppb
Molybdenum	95-1	2000.37	2045.14	2023.26	2022.92	1.11	ppb
Molybdenum	96-1	1984.75	2003.13	1998.41	1995.43	0.48	ppb
Molybdenum	97-1	1988.99	2012.14	2020.85	2007.33	0.82	ppb
Molybdenum	98-1	1977.92	2040.29	2004.80	2007.67	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.61	5.52	5.48	5.54	1.20	ppb
Phosphorus	31-2	103718.56	106508.47	104355.13	104860.72	1.39	ppb
Potassium	39-2	100901.29	100095.10	100227.36	100407.92	0.43	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	82-1	0.17	0.48	0.03	0.23	99.29	ppb
Selenium	77-2	-0.10	0.21	0.06	0.06	270.04	ppb
Selenium	78-2	-1.97	-1.12	-1.05	-1.38		ppb
Silicon	28-1	-70.56	-69.95	-72.15	-70.89		ppb
Silver	107-1	0.04	0.04	0.02	0.03	24.92	ppb
Silver	109-1	0.05	0.02	0.03	0.03	33.66	ppb
Sodium	23-2	101947.43	102084.94	101658.52	101896.96	0.21	ppb
Strontium	86-1	851.11	882.41	870.91	868.14	1.82	ppb
Strontium	88-1	853.01	875.13	872.80	866.98	1.40	ppb
Sulfur	34-1	105299.84	105070.99	104514.83	104961.89	0.38	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.19	0.19	0.18	11.94	ppb
Thallium	205-1	0.16	0.19	0.19	0.18	10.53	ppb
Tin	118-1	0.50	0.51	0.41	0.47	11.63	ppb
Titanium	47-1	2028.04	2101.90	2060.02	2063.32	1.80	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:10:47	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	128.37	ppb
Vanadium	51-2	0.17	0.18	0.16	0.17	5.33	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	13.95	14.75	14.90	14.53	3.50	ppb
Zirconium	90-1	0.06	0.08	0.07	0.07	8.00	ppb
Zirconium	91-1	0.07	0.08	0.08	0.07	9.33	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:13:49	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102331.15	100782.21	101771.04	101628.13	0.77	ppb
Antimony	121-1	21.53	21.85	22.00	21.79	1.09	ppb
Arsenic	75-2	21.92	21.86	21.30	21.69	1.58	ppb
Barium	135-1	21.23	21.53	22.04	21.60	1.90	ppb
Barium	137-1	21.45	21.74	21.83	21.67	0.92	ppb
Beryllium	9-1	20.55	21.44	21.41	21.14	2.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.20	28.45	28.17	27.94	2.36	ppb
Cadmium	106-1	17.25	17.33	18.00	17.53	2.37	ppb
Cadmium	111-1	19.84	20.04	20.47	20.11	1.60	ppb
Calcium	43-1	109935.52	110750.48	111647.48	110777.83	0.77	ppb
Calcium	44-1	109190.12	111030.77	111335.67	110518.85	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.33	42.68	42.67	42.90	0.88	ppb
Cobalt	59-2	21.97	21.68	21.69	21.78	0.77	ppb
Copper	63-2	27.12	26.95	26.97	27.01	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	115772.80	114420.50	113665.28	114619.52	0.93	ppb
Iron	57-2	115162.20	112556.38	113858.91	113859.16	1.14	ppb
Iron	54-2	116224.37	113785.58	114610.79	114873.58	1.08	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:13:49	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.44	25.81	25.59	25.61	0.72	ppb
Lead	207-1	24.11	24.32	24.37	24.26	0.56	ppb
Lead	208-1	24.43	24.67	24.53	24.54	0.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	107850.86	106723.57	107919.17	107497.87	0.62	ppb
Manganese	55-2	29.23	28.79	28.99	29.01	0.75	ppb
Molybdenum	94-1	1749.43	1804.17	1793.30	1782.30	1.63	ppb
Molybdenum	95-1	2111.25	2162.44	2201.78	2158.49	2.10	ppb
Molybdenum	96-1	2091.27	2146.68	2153.26	2130.40	1.60	ppb
Molybdenum	97-1	2120.69	2181.03	2164.95	2155.55	1.45	ppb
Molybdenum	98-1	2133.13	2178.47	2165.00	2158.86	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.31	26.32	26.27	26.30	0.10	ppb
Phosphorus	31-2	113174.88	112504.38	111563.25	112414.17	0.72	ppb
Potassium	39-2	109109.84	106933.90	106865.35	107636.36	1.19	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	19.22	20.14	19.78	19.72	2.36	ppb
Selenium	77-2	21.64	21.14	22.90	21.89	4.15	ppb
Selenium	78-2	20.07	20.67	19.11	19.95	3.95	ppb
Silicon	28-1	-67.61	-65.74	-65.22	-66.19		ppb
Silver	107-1	18.99	19.24	19.46	19.23	1.23	ppb
Silver	109-1	19.48	19.47	19.92	19.62	1.32	ppb
Sodium	23-2	109606.90	107659.77	109861.29	109042.65	1.10	ppb
Strontium	86-1	920.57	946.83	937.03	934.81	1.42	ppb
Strontium	88-1	913.52	938.70	943.65	931.95	1.73	ppb
Sulfur	34-1	113371.04	111591.14	110940.26	111967.48	1.12	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	20.39	20.58	20.77	20.58	0.93	ppb
Thallium	205-1	20.32	20.47	20.44	20.41	0.39	ppb
Tin	118-1	0.19	0.19	0.19	0.19	1.63	ppb
Titanium	47-1	2155.19	2224.40	2231.65	2203.75	1.92	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:13:49	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	22.13	ppb
Vanadium	51-2	20.67	20.39	20.54	20.53	0.68	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	33.11	32.98	32.92	33.00	0.28	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	18.65	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	11.11	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:16:53	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52044.92	51290.40	51345.05	51560.12	0.82	ppb
Antimony	121-1	502.36	519.66	510.27	510.76	1.70	ppb
Arsenic	75-2	528.71	529.01	533.62	530.44	0.52	ppb
Barium	135-1	2534.30	2629.47	2557.14	2573.64	1.93	ppb
Barium	137-1	2534.57	2618.60	2580.70	2577.96	1.63	ppb
Beryllium	9-1	490.07	486.53	505.29	493.96	2.02	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	509.48	521.49	514.52	515.17	1.17	ppb
Cadmium	106-1	506.22	524.28	517.09	515.86	1.76	ppb
Cadmium	111-1	507.39	534.55	518.41	520.12	2.63	ppb
Calcium	43-1	255142.37	257085.25	259146.41	257124.68	0.78	ppb
Calcium	44-1	256206.87	257514.80	258309.91	257343.86	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.01	511.99	508.80	509.60	0.41	ppb
Cobalt	59-2	492.66	500.81	499.00	497.49	0.86	ppb
Copper	63-2	4847.30	4836.89	4876.33	4853.50	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	129982.76	129360.55	129980.37	129774.56	0.28	ppb
Iron	57-2	131036.90	130503.28	129545.94	130362.04	0.58	ppb
Iron	54-2	131086.76	130556.20	131598.05	131080.34	0.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:16:53	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2582.84	2610.28	2683.16	2625.43	1.97	ppb
Lead	207-1	2580.29	2628.23	2644.42	2617.65	1.27	ppb
Lead	208-1	2569.37	2613.95	2640.03	2607.78	1.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	258942.97	254249.02	258604.41	257265.47	1.02	ppb
Manganese	55-2	4989.86	5003.26	4994.40	4995.84	0.14	ppb
Molybdenum	94-1	5097.56	5267.30	5136.45	5167.10	1.72	ppb
Molybdenum	95-1	5054.27	5231.36	5102.67	5129.43	1.78	ppb
Molybdenum	96-1	5080.72	5288.37	5207.31	5192.13	2.02	ppb
Molybdenum	97-1	5103.99	5250.05	5110.84	5154.96	1.60	ppb
Molybdenum	98-1	5005.38	5240.87	5103.46	5116.57	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.87	477.30	475.82	477.33	0.32	ppb
Phosphorus	31-2	10268.99	10129.03	10139.06	10179.03	0.77	ppb
Potassium	39-2	126832.57	126974.03	127712.11	127172.90	0.37	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	503.93	519.19	515.35	512.82	1.55	ppb
Selenium	77-2	515.40	515.60	521.76	517.59	0.70	ppb
Selenium	78-2	521.76	520.06	519.71	520.51	0.21	ppb
Silicon	28-1	456.60	472.57	488.43	472.53	3.37	ppb
Silver	107-1	518.18	533.71	525.73	525.88	1.48	ppb
Silver	109-1	515.19	534.73	526.74	525.55	1.87	ppb
Sodium	23-2	252777.79	253623.57	254194.87	253532.08	0.28	ppb
Strontium	86-1	12711.91	13003.27	12793.96	12836.38	1.17	ppb
Strontium	88-1	12539.57	12984.48	12886.06	12803.37	1.83	ppb
Sulfur	34-1	9482.04	9638.72	9813.00	9644.59	1.72	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	523.86	528.84	538.61	530.44	1.41	ppb
Thallium	205-1	524.77	522.77	538.37	528.64	1.61	ppb
Tin	118-1	506.48	522.79	520.98	516.75	1.73	ppb
Titanium	47-1	4992.39	5064.12	5088.52	5048.35	0.99	ppb

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:16:53	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	530.77	539.75	538.20	536.24	0.90	ppb
Vanadium	51-2	512.86	515.18	519.66	515.90	0.67	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	4785.80	4789.56	4783.87	4786.41	0.06	ppb
Zirconium	90-1	504.43	519.40	508.50	510.78	1.52	ppb
Zirconium	91-1	501.31	529.66	518.84	516.60	2.77	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:19:45	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.85	0.92	1.39	33.47	ppb
Antimony	121-1	0.23	0.19	0.16	0.19	17.97	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	60.48	ppb
Barium	135-1	0.31	0.23	0.15	0.23	33.36	ppb
Barium	137-1	0.35	0.22	0.15	0.24	42.06	ppb
Beryllium	9-1	0.13	0.10	0.09	0.10	17.28	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.05	0.09	0.08	33.09	ppb
Cadmium	106-1	-0.21	-0.03	0.30	0.02	1093.13	ppb
Cadmium	111-1	0.06	0.05	0.06	0.05	10.24	ppb
Calcium	43-1	34.29	20.96	14.40	23.22	43.66	ppb
Calcium	44-1	34.67	22.09	15.29	24.02	40.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	0.04	0.04	15.47	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	37.40	ppb
Copper	63-2	0.27	0.20	0.15	0.21	28.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	5.57	4.36	2.99	4.30	29.98	ppb
Iron	57-2	3.70	2.74	1.55	2.66	40.45	ppb
Iron	54-2	5.02	3.90	3.39	4.10	20.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:19:45	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.40	0.31	0.23	0.31	27.72	ppb
Lead	207-1	0.43	0.30	0.21	0.31	34.95	ppb
Lead	208-1	0.41	0.30	0.22	0.31	31.08	ppb
Lithium	6-1				99		%
Magnesium	24-2	8.20	5.57	3.04	5.60	46.06	ppb
Manganese	55-2	0.15	0.10	0.07	0.11	39.01	ppb
Molybdenum	94-1	0.83	0.58	0.41	0.61	34.35	ppb
Molybdenum	95-1	0.77	0.53	0.38	0.56	35.40	ppb
Molybdenum	96-1	0.78	0.55	0.36	0.56	37.21	ppb
Molybdenum	97-1	0.74	0.55	0.37	0.55	33.00	ppb
Molybdenum	98-1	0.77	0.55	0.38	0.56	34.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	12.83	ppb
Phosphorus	31-2	-14.49	-17.32	-15.15	-15.65		ppb
Potassium	39-2	0.65	0.64	-0.40	0.30	202.57	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	0.18	0.04	-0.04	0.06	185.67	ppb
Selenium	77-2	-0.10	-0.10	0.21	0.01	3201.97	ppb
Selenium	78-2	-0.92	-0.55	-1.34	-0.94		ppb
Silicon	28-1	-80.12	-80.83	-82.05	-81.00		ppb
Silver	107-1	0.11	0.08	0.05	0.08	34.88	ppb
Silver	109-1	0.11	0.08	0.05	0.08	32.31	ppb
Sodium	23-2	37.45	34.58	31.97	34.67	7.90	ppb
Strontium	86-1	2.29	1.55	1.50	1.78	24.90	ppb
Strontium	88-1	1.70	1.04	0.74	1.16	42.20	ppb
Sulfur	34-1	-262.57	-205.47	-280.94	-249.66		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.16	0.11	0.10	0.13	24.43	ppb
Thallium	205-1	0.17	0.13	0.11	0.14	21.07	ppb
Tin	118-1	0.09	0.06	0.05	0.07	25.04	ppb
Titanium	47-1	0.70	0.47	0.23	0.47	50.01	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:19:45	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.04	0.03	0.04	36.53	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	43.27	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	0.39	0.29	0.20	0.29	32.65	ppb
Zirconium	90-1	0.10	0.07	0.05	0.07	33.73	ppb
Zirconium	91-1	0.09	0.08	0.05	0.07	31.86	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BL	Instrumnet Name :	P7
Client Sample ID :	PBS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:26:17	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.14	-0.15	0.02	998.81	ppb
Antimony	121-1	0.03	0.02	0.03	0.02	7.75	ppb
Arsenic	75-2	0.00	0.01	-0.02	0.00		ppb
Barium	135-1	0.00	0.01	-0.02	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	-0.03	0.00	-0.03	-0.02		ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.04	-0.05	-0.03		ppb
Cadmium	106-1	0.30	0.68	0.22	0.40	62.03	ppb
Cadmium	111-1	0.02	0.05	0.01	0.03	67.14	ppb
Calcium	43-1	-0.42	0.11	-1.30	-0.54		ppb
Calcium	44-1	-1.95	-1.29	-2.17	-1.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.00	0.00	993.29	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.08	0.09	0.08	10.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	0.42	0.42	0.35	0.40	10.32	ppb
Iron	57-2	-1.66	-0.96	-1.50	-1.37		ppb
Iron	54-2	0.28	-0.45	0.20	0.01	4165.97	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BL	Instrumnet Name :	P7
Client Sample ID :	PBS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:26:17	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.06	0.05	0.05	10.80	ppb
Lead	207-1	0.05	0.05	0.06	0.05	9.77	ppb
Lead	208-1	0.04	0.05	0.05	0.05	8.43	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.84	0.14	0.47	0.48	72.13	ppb
Manganese	55-2	-0.01	0.01	-0.03	-0.01		ppb
Molybdenum	94-1	0.05	0.03	0.04	0.04	28.78	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	68.79	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	24.81	ppb
Molybdenum	97-1	0.00	0.02	0.00	0.00	229.22	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	15.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.00	204.17	ppb
Phosphorus	31-2	-14.77	-15.43	-13.21	-14.47		ppb
Potassium	39-2	-1.60	-1.61	-2.62	-1.94		ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	-0.11	0.17	-0.23	-0.06		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.61	-1.30	-0.37	-0.76		ppb
Silicon	28-1	-83.57	-81.96	-83.76	-83.10		ppb
Silver	107-1	0.01	0.01	0.02	0.01	18.59	ppb
Silver	109-1	0.01	0.01	0.00	0.01	38.18	ppb
Sodium	23-2	16.17	15.71	15.29	15.72	2.78	ppb
Strontium	86-1	0.27	0.11	0.34	0.24	50.09	ppb
Strontium	88-1	-0.02	-0.01	0.08	0.02	300.53	ppb
Sulfur	34-1	-190.23	-73.42	-104.02	-122.56		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.05	0.04	5.55	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.36	ppb
Tin	118-1	0.01	0.00	0.00	0.00	201.82	ppb
Titanium	47-1	0.01	0.03	-0.01	0.01	273.20	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BL	Instrumnet Name :	P7
Client Sample ID :	PBS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:26:17	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	53.73	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	190.55	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.04	0.03	-0.01	0.02	139.09	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	93.82	ppb
Zirconium	91-1	0.00	0.01	0.00	0.01	106.91	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BS	Instrumnet Name :	P7
Client Sample ID :	LCS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:35:30	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10034.55	9817.61	9851.18	9901.11	1.18	ppb
Antimony	121-1	517.06	526.09	526.02	523.06	0.99	ppb
Arsenic	75-2	516.67	513.48	511.56	513.90	0.50	ppb
Barium	135-1	2568.96	2625.95	2577.77	2590.89	1.18	ppb
Barium	137-1	2567.12	2623.12	2583.90	2591.38	1.11	ppb
Beryllium	9-1	487.27	500.35	504.37	497.33	1.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	522.80	532.03	529.94	528.26	0.92	ppb
Cadmium	106-1	525.39	535.67	527.08	529.38	1.04	ppb
Cadmium	111-1	521.06	529.21	525.88	525.38	0.78	ppb
Calcium	43-1	51849.67	52638.35	52925.03	52471.02	1.06	ppb
Calcium	44-1	51570.95	52436.84	51516.48	51841.42	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.00	512.98	509.87	513.62	0.80	ppb
Cobalt	59-2	505.26	512.05	512.97	510.09	0.83	ppb
Copper	63-2	5172.63	5138.56	5119.10	5143.43	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	26201.72	26251.07	26194.04	26215.61	0.12	ppb
Iron	57-2	26257.56	26191.59	26127.25	26192.13	0.25	ppb
Iron	54-2	26912.96	26306.79	26559.33	26593.03	1.14	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BS	Instrumnet Name :	P7
Client Sample ID :	LCS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:35:30	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2581.62	2582.12	2542.06	2568.60	0.89	ppb
Lead	207-1	2559.50	2566.97	2560.82	2562.43	0.16	ppb
Lead	208-1	2550.50	2567.18	2540.04	2552.58	0.54	ppb
Lithium	6-1				100		%
Magnesium	24-2	50223.65	49836.65	49768.56	49942.95	0.49	ppb
Manganese	55-2	5101.92	5021.93	5060.55	5061.47	0.79	ppb
Molybdenum	94-1	5207.39	5248.26	5145.88	5200.51	0.99	ppb
Molybdenum	95-1	5110.90	5251.97	5133.33	5165.40	1.47	ppb
Molybdenum	96-1	5190.76	5246.34	5169.43	5202.18	0.76	ppb
Molybdenum	97-1	5127.61	5207.90	5112.46	5149.32	1.00	ppb
Molybdenum	98-1	5152.69	5174.04	5105.16	5143.96	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.29	498.18	496.98	498.48	0.34	ppb
Phosphorus	31-2	10182.24	10148.12	10081.38	10137.25	0.51	ppb
Potassium	39-2	25303.49	24830.86	24895.26	25009.87	1.02	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	523.05	531.44	522.10	525.53	0.98	ppb
Selenium	77-2	529.65	516.37	533.01	526.35	1.67	ppb
Selenium	78-2	512.33	518.47	509.58	513.46	0.89	ppb
Silicon	28-1	480.26	496.01	514.61	496.96	3.46	ppb
Silver	107-1	530.40	545.28	535.00	536.90	1.42	ppb
Silver	109-1	529.62	544.91	539.06	537.86	1.43	ppb
Sodium	23-2	51029.67	50548.51	50397.37	50658.51	0.65	ppb
Strontium	86-1	12799.70	13029.99	12842.20	12890.63	0.95	ppb
Strontium	88-1	12807.88	13044.84	12872.34	12908.35	0.95	ppb
Sulfur	34-1	9992.78	10120.17	10067.27	10060.07	0.64	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	520.58	523.19	514.33	519.37	0.88	ppb
Thallium	205-1	511.66	515.15	509.89	512.23	0.52	ppb
Tin	118-1	515.75	527.58	525.66	523.00	1.21	ppb
Titanium	47-1	5045.13	5025.63	5088.59	5053.12	0.64	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BS	Instrumnet Name :	P7
Client Sample ID :	LCS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:35:30	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	500.88	501.37	502.27	501.51	0.14	ppb
Vanadium	51-2	508.78	505.03	506.88	506.90	0.37	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	5109.57	5094.14	5187.27	5130.33	0.97	ppb
Zirconium	90-1	504.55	516.72	513.37	511.55	1.23	ppb
Zirconium	91-1	510.26	519.34	517.33	515.64	0.92	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:39:46	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102.00	98.67	103.89	101.52	2.61	ppb
Antimony	121-1	0.12	0.10	0.09	0.10	12.98	ppb
Arsenic	75-2	0.09	0.09	0.09	0.09	4.86	ppb
Barium	135-1	4.06	3.75	3.89	3.90	3.92	ppb
Barium	137-1	3.93	3.83	4.01	3.93	2.34	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	3.81	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.07	0.09	0.09	20.92	ppb
Cadmium	106-1	-0.68	-1.14	-0.58	-0.80		ppb
Cadmium	111-1	-0.03	-0.06	-0.04	-0.04		ppb
Calcium	43-1	59.73	59.18	61.83	60.25	2.32	ppb
Calcium	44-1	58.53	58.41	59.08	58.67	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.77	0.77	0.76	0.77	1.17	ppb
Cobalt	59-2	0.09	0.08	0.08	0.08	6.61	ppb
Copper	63-2	0.46	0.45	0.43	0.45	3.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	195.19	201.66	196.57	197.81	1.72	ppb
Iron	57-2	198.75	192.87	183.83	191.82	3.92	ppb
Iron	54-2	205.40	197.17	195.70	199.43	2.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:39:46	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.55	0.54	0.49	0.53	6.70	ppb
Lead	207-1	0.51	0.50	0.47	0.49	4.51	ppb
Lead	208-1	0.53	0.52	0.48	0.51	5.38	ppb
Lithium	6-1				98		%
Magnesium	24-2	6.21	5.62	6.28	6.04	6.05	ppb
Manganese	55-2	1.64	1.66	1.61	1.63	1.39	ppb
Molybdenum	94-1	1.26	1.21	1.15	1.20	4.42	ppb
Molybdenum	95-1	0.25	0.18	0.16	0.20	24.05	ppb
Molybdenum	96-1	0.35	0.33	0.27	0.31	12.89	ppb
Molybdenum	97-1	0.23	0.22	0.18	0.21	12.87	ppb
Molybdenum	98-1	0.28	0.18	0.19	0.21	24.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.13	0.11	0.13	17.88	ppb
Phosphorus	31-2	-10.66	-10.73	-8.48	-9.96		ppb
Potassium	39-2	27.50	26.62	27.24	27.12	1.66	ppb
Rhodium	103-1				91		%
Rhodium	103-2				95		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	-0.04	0.44	0.05	0.15	171.79	ppb
Selenium	77-2	0.36	0.21	0.21	0.26	32.29	ppb
Selenium	78-2	-0.99	-0.53	-1.29	-0.94		ppb
Silicon	28-1	45.04	59.27	31.93	45.41	30.11	ppb
Silver	107-1	0.03	0.02	0.03	0.03	15.56	ppb
Silver	109-1	0.03	0.02	0.02	0.02	32.66	ppb
Sodium	23-2	22.45	22.14	21.25	21.94	2.82	ppb
Strontium	86-1	7.32	6.80	7.49	7.20	4.98	ppb
Strontium	88-1	6.98	6.70	7.26	6.98	3.97	ppb
Sulfur	34-1	-267.84	-257.56	-272.06	-265.82		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.03	0.04	26.98	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	21.30	ppb
Tin	118-1	0.49	0.48	0.47	0.48	2.24	ppb
Titanium	47-1	3.08	4.80	3.12	3.67	26.78	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:39:46	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.05	0.06	10.13	ppb
Vanadium	51-2	0.81	0.80	0.83	0.82	2.02	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	0.65	0.55	0.68	0.63	10.06	ppb
Zirconium	90-1	0.59	0.57	0.57	0.58	1.20	ppb
Zirconium	91-1	0.58	0.58	0.76	0.64	16.33	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:43:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100.61	110.39	105.40	105.47	4.64	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	10.39	ppb
Arsenic	75-2	0.05	0.06	0.08	0.07	22.82	ppb
Barium	135-1	3.93	4.07	3.97	3.99	1.85	ppb
Barium	137-1	4.02	4.03	4.05	4.04	0.35	ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	228.45	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.01	-0.01	0.00	3068.60	ppb
Cadmium	106-1	-0.30	-0.34	-0.16	-0.27		ppb
Cadmium	111-1	-0.04	-0.04	-0.02	-0.03		ppb
Calcium	43-1	51.54	53.57	49.82	51.64	3.64	ppb
Calcium	44-1	49.19	50.58	49.30	49.69	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.74	0.74	0.77	0.75	2.51	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	5.77	ppb
Copper	63-2	0.20	0.27	0.25	0.24	15.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	192.10	194.51	193.18	193.26	0.63	ppb
Iron	57-2	190.06	190.25	193.69	191.33	1.07	ppb
Iron	54-2	194.00	196.53	196.16	195.56	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:43:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.40	0.40	0.40	0.40	0.41	ppb
Lead	207-1	0.36	0.41	0.35	0.37	8.10	ppb
Lead	208-1	0.38	0.39	0.37	0.38	2.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	-2.45	-2.53	-2.57	-2.51		ppb
Manganese	55-2	1.39	1.38	1.38	1.38	0.41	ppb
Molybdenum	94-1	0.94	0.87	0.94	0.92	4.38	ppb
Molybdenum	95-1	-0.08	-0.08	-0.08	-0.08		ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	20.19	ppb
Molybdenum	97-1	-0.09	-0.10	-0.10	-0.10		ppb
Molybdenum	98-1	-0.08	-0.06	-0.08	-0.07		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.07	0.10	0.08	23.60	ppb
Phosphorus	31-2	-9.43	-8.77	-9.07	-9.09		ppb
Potassium	39-2	18.75	19.66	20.99	19.80	5.70	ppb
Rhodium	103-1				92		%
Rhodium	103-2				97		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	-0.04	-0.03	-0.06	-0.04		ppb
Selenium	77-2	-0.10	-0.10	0.06	-0.04		ppb
Selenium	78-2	-1.27	-1.01	-0.86	-1.05		ppb
Silicon	28-1	51.54	79.06	72.78	67.80	21.28	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	10.35	10.59	11.19	10.71	3.99	ppb
Strontium	86-1	7.99	6.58	6.45	7.01	12.20	ppb
Strontium	88-1	6.46	6.51	6.39	6.45	0.93	ppb
Sulfur	34-1	-308.86	-334.76	-307.83	-317.15		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	76.65	ppb
Tin	118-1	0.48	0.47	0.49	0.48	2.31	ppb
Titanium	47-1	3.37	2.75	3.44	3.19	11.89	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:43:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.05	0.03	0.04	29.69	ppb
Vanadium	51-2	0.83	0.79	0.85	0.82	3.79	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	0.27	0.32	0.23	0.27	16.31	ppb
Zirconium	90-1	0.56	0.59	0.63	0.60	6.17	ppb
Zirconium	91-1	0.58	0.57	0.58	0.58	1.16	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	25
Date & Time Acquired :	2024-12-19 16:46:16	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.32	15.95	16.77	16.35	2.51	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	9493.26	ppb
Arsenic	75-2	0.01	-0.02	-0.02	-0.01		ppb
Barium	135-1	0.71	0.74	0.66	0.71	5.76	ppb
Barium	137-1	0.68	0.72	0.68	0.69	3.18	ppb
Beryllium	9-1	-0.03	-0.04	-0.03	-0.03		ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.08	-0.04	-0.03	-0.05		ppb
Cadmium	106-1	0.05	-0.33	0.05	-0.08		ppb
Cadmium	111-1	-0.01	-0.04	-0.02	-0.02		ppb
Calcium	43-1	3.03	2.81	2.07	2.64	18.94	ppb
Calcium	44-1	1.18	1.10	1.64	1.31	22.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.15	0.11	0.13	17.42	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.10	-0.11	-0.09	-0.10		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	33.89	34.17	33.88	33.98	0.48	ppb
Iron	57-2	34.61	31.89	33.52	33.34	4.12	ppb
Iron	54-2	33.94	33.55	33.96	33.82	0.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	25
Date & Time Acquired :	2024-12-19 16:46:16	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.02	0.02	0.01	36.22	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	338.52	ppb
Lead	208-1	0.01	0.00	0.01	0.01	64.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	-8.39	-8.42	-8.00	-8.27		ppb
Manganese	55-2	0.13	0.15	0.11	0.13	17.50	ppb
Molybdenum	94-1	0.06	0.03	0.05	0.05	36.44	ppb
Molybdenum	95-1	-0.17	-0.17	-0.17	-0.17		ppb
Molybdenum	96-1	-0.15	-0.16	-0.15	-0.15		ppb
Molybdenum	97-1	-0.17	-0.18	-0.18	-0.18		ppb
Molybdenum	98-1	-0.16	-0.17	-0.16	-0.17		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-16.01	-18.37	-17.07	-17.15		ppb
Potassium	39-2	-1.54	-2.72	-0.46	-1.57		ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.17	-0.39	0.12	-0.04		ppb
Selenium	77-2	-0.10	-0.10	0.05	-0.05		ppb
Selenium	78-2	-0.16	-1.21	-0.89	-0.76		ppb
Silicon	28-1	-63.61	-22.80	-65.14	-50.52		ppb
Silver	107-1	-0.02	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	1.28	1.06	1.49	1.28	16.69	ppb
Strontium	86-1	1.01	1.13	1.28	1.14	11.78	ppb
Strontium	88-1	0.98	0.84	0.92	0.91	7.60	ppb
Sulfur	34-1	-227.90	-212.01	-194.18	-211.36		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.08	0.06	0.06	0.07	14.78	ppb
Titanium	47-1	0.39	0.35	0.38	0.37	5.77	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	25
Date & Time Acquired :	2024-12-19 16:46:16	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.14	0.14	0.17	0.15	9.44	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	0.02	0.08	0.03	0.04	76.62	ppb
Zirconium	90-1	0.09	0.10	0.10	0.09	3.26	ppb
Zirconium	91-1	0.09	0.10	0.11	0.10	8.19	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:49:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2098.33	2119.25	2151.23	2122.94	1.26	ppb
Antimony	121-1	129.63	130.40	129.01	129.68	0.54	ppb
Arsenic	75-2	127.62	128.86	128.86	128.44	0.56	ppb
Barium	135-1	583.53	575.33	572.22	577.03	1.01	ppb
Barium	137-1	583.19	576.54	578.01	579.25	0.60	ppb
Beryllium	9-1	125.25	124.43	124.46	124.71	0.38	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.43	135.71	134.87	135.34	0.32	ppb
Cadmium	106-1	138.87	135.65	137.10	137.21	1.18	ppb
Cadmium	111-1	135.93	134.85	134.44	135.07	0.57	ppb
Calcium	43-1	10647.53	10897.19	10904.13	10816.28	1.35	ppb
Calcium	44-1	10192.79	10448.10	10397.19	10346.03	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.17	122.72	122.96	122.62	0.33	ppb
Cobalt	59-2	125.42	125.76	126.76	125.98	0.55	ppb
Copper	63-2	1005.24	1006.76	1008.17	1006.72	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	5934.59	5967.11	6058.62	5986.77	1.07	ppb
Iron	57-2	6065.34	6068.85	6106.74	6080.31	0.38	ppb
Iron	54-2	6059.20	5963.68	6095.15	6039.34	1.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:49:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	476.21	469.33	480.39	475.31	1.17	ppb
Lead	207-1	479.27	474.68	479.72	477.89	0.58	ppb
Lead	208-1	474.09	468.74	474.83	472.55	0.70	ppb
Lithium	6-1				101		%
Magnesium	24-2	9828.42	9762.30	9848.46	9813.06	0.46	ppb
Manganese	55-2	916.22	909.48	914.73	913.48	0.39	ppb
Molybdenum	94-1	790.18	778.25	789.45	785.96	0.85	ppb
Molybdenum	95-1	687.21	673.39	676.73	679.11	1.06	ppb
Molybdenum	96-1	698.38	689.10	693.17	693.55	0.67	ppb
Molybdenum	97-1	683.35	671.26	673.98	676.20	0.94	ppb
Molybdenum	98-1	687.19	667.45	675.54	676.73	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.64	124.36	124.91	124.31	0.51	ppb
Phosphorus	31-2	-11.83	-9.88	-9.94	-10.55		ppb
Potassium	39-2	5574.57	5520.24	5499.47	5531.42	0.70	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	129.29	130.03	129.39	129.57	0.31	ppb
Selenium	77-2	133.64	127.80	129.28	130.24	2.33	ppb
Selenium	78-2	127.56	129.82	126.64	128.01	1.28	ppb
Silicon	28-1	140.35	209.61	157.16	169.04	21.37	ppb
Silver	107-1	2.67	2.69	2.66	2.67	0.58	ppb
Silver	109-1	0.14	0.12	0.13	0.13	6.15	ppb
Sodium	23-2	9868.23	9775.85	9902.20	9848.76	0.66	ppb
Strontium	86-1	3132.13	3074.38	3096.08	3100.86	0.94	ppb
Strontium	88-1	3153.94	3122.80	3208.35	3161.70	1.37	ppb
Sulfur	34-1	-282.48	-295.94	-256.76	-278.39		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	116.15	117.66	117.61	117.14	0.73	ppb
Thallium	205-1	122.48	122.55	124.04	123.02	0.72	ppb
Tin	118-1	114.50	113.84	113.74	114.03	0.36	ppb
Titanium	47-1	430.05	434.90	431.50	432.15	0.58	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:49:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	120.18	121.69	120.82	120.90	0.63	ppb
Vanadium	51-2	124.78	124.31	124.36	124.48	0.21	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	959.04	964.78	971.18	965.00	0.63	ppb
Zirconium	90-1	125.73	126.09	125.84	125.89	0.14	ppb
Zirconium	91-1	125.46	123.31	124.47	124.41	0.86	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:52:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2171.47	2162.07	2140.75	2158.10	0.73	ppb
Antimony	121-1	126.74	127.53	128.01	127.42	0.50	ppb
Arsenic	75-2	129.69	130.64	130.68	130.34	0.43	ppb
Barium	135-1	575.62	580.18	571.66	575.82	0.74	ppb
Barium	137-1	576.36	574.60	574.89	575.28	0.16	ppb
Beryllium	9-1	122.55	128.24	125.59	125.46	2.27	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	133.99	139.67	136.99	136.88	2.08	ppb
Cadmium	106-1	135.94	140.54	138.54	138.34	1.67	ppb
Cadmium	111-1	133.13	136.81	134.17	134.70	1.41	ppb
Calcium	43-1	10558.80	10821.88	10922.85	10767.84	1.75	ppb
Calcium	44-1	10031.98	10365.12	10387.54	10261.55	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.09	124.36	123.29	124.25	0.73	ppb
Cobalt	59-2	128.35	126.99	126.45	127.27	0.77	ppb
Copper	63-2	1022.92	1013.66	1011.09	1015.89	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	6062.89	6036.14	5983.95	6027.66	0.67	ppb
Iron	57-2	6163.88	6184.92	6063.58	6137.46	1.06	ppb
Iron	54-2	6121.73	6200.42	6164.91	6162.36	0.64	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:52:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	474.28	482.22	478.22	478.24	0.83	ppb
Lead	207-1	470.64	475.73	486.35	477.57	1.68	ppb
Lead	208-1	472.12	476.15	477.23	475.17	0.57	ppb
Lithium	6-1				102		%
Magnesium	24-2	9918.66	10080.59	9875.00	9958.08	1.09	ppb
Manganese	55-2	924.64	911.50	919.12	918.42	0.72	ppb
Molybdenum	94-1	781.35	789.09	784.52	784.99	0.50	ppb
Molybdenum	95-1	678.29	680.42	676.73	678.48	0.27	ppb
Molybdenum	96-1	681.23	684.66	684.99	683.63	0.30	ppb
Molybdenum	97-1	672.91	680.53	683.22	678.89	0.79	ppb
Molybdenum	98-1	669.52	671.84	676.51	672.62	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.31	128.09	124.85	126.75	1.33	ppb
Phosphorus	31-2	-10.38	-13.49	-8.91	-10.93		ppb
Potassium	39-2	5648.07	5652.34	5501.58	5600.66	1.53	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	127.74	128.13	131.14	129.01	1.44	ppb
Selenium	77-2	134.49	135.15	132.25	133.96	1.14	ppb
Selenium	78-2	134.43	132.46	131.68	132.86	1.06	ppb
Silicon	28-1	133.55	130.85	145.18	136.53	5.58	ppb
Silver	107-1	2.67	2.70	2.70	2.69	0.62	ppb
Silver	109-1	0.12	0.14	0.12	0.13	6.77	ppb
Sodium	23-2	10069.13	10021.77	9849.25	9980.05	1.16	ppb
Strontium	86-1	3072.29	3071.08	3110.46	3084.61	0.73	ppb
Strontium	88-1	3151.75	3126.19	3172.63	3150.19	0.74	ppb
Sulfur	34-1	-184.52	-151.39	-189.28	-175.06		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	115.63	115.47	117.92	116.34	1.18	ppb
Thallium	205-1	123.16	126.47	124.63	124.75	1.33	ppb
Tin	118-1	112.82	114.54	113.08	113.48	0.82	ppb
Titanium	47-1	420.85	432.61	437.28	430.25	1.97	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:52:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	120.47	121.05	123.12	121.55	1.15	ppb
Vanadium	51-2	125.65	126.64	124.15	125.48	1.00	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	979.72	981.99	965.53	975.74	0.91	ppb
Zirconium	90-1	122.74	125.20	125.85	124.60	1.32	ppb
Zirconium	91-1	123.31	123.37	125.54	124.07	1.02	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:55:21	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2159.75	2142.08	2160.12	2153.98	0.48	ppb
Antimony	121-1	127.34	128.26	128.62	128.07	0.51	ppb
Arsenic	75-2	131.66	132.89	131.30	131.95	0.63	ppb
Barium	135-1	580.61	581.48	579.96	580.68	0.13	ppb
Barium	137-1	581.21	578.62	583.56	581.13	0.43	ppb
Beryllium	9-1	124.65	127.81	125.35	125.94	1.32	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	133.43	133.47	132.83	133.24	0.27	ppb
Cadmium	106-1	137.45	138.35	136.27	137.36	0.76	ppb
Cadmium	111-1	133.66	135.80	134.50	134.65	0.80	ppb
Calcium	43-1	10895.19	10905.76	10742.12	10847.69	0.84	ppb
Calcium	44-1	10348.52	10395.26	10307.81	10350.53	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.62	123.27	124.25	124.05	0.56	ppb
Cobalt	59-2	127.08	127.12	128.40	127.53	0.59	ppb
Copper	63-2	1018.34	1010.51	1032.80	1020.55	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	6043.82	6026.92	6101.57	6057.43	0.65	ppb
Iron	57-2	6134.50	6101.00	6154.30	6129.93	0.44	ppb
Iron	54-2	6062.01	6127.85	6116.10	6101.98	0.58	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:55:21	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	475.67	484.14	483.48	481.10	0.98	ppb
Lead	207-1	477.73	479.78	481.88	479.79	0.43	ppb
Lead	208-1	474.57	478.65	479.06	477.43	0.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	9914.66	10060.21	9958.78	9977.88	0.75	ppb
Manganese	55-2	925.62	918.88	925.03	923.18	0.40	ppb
Molybdenum	94-1	770.68	794.86	793.47	786.34	1.73	ppb
Molybdenum	95-1	667.14	695.44	686.64	683.07	2.12	ppb
Molybdenum	96-1	682.74	695.67	696.18	691.53	1.10	ppb
Molybdenum	97-1	671.45	691.60	669.81	677.62	1.79	ppb
Molybdenum	98-1	661.56	681.76	672.52	671.95	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.73	126.05	126.27	126.02	0.21	ppb
Phosphorus	31-2	-15.25	-12.52	-6.28	-11.35		ppb
Potassium	39-2	5660.25	5583.67	5635.73	5626.55	0.69	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	129.36	130.69	130.26	130.10	0.52	ppb
Selenium	77-2	140.89	128.34	130.77	133.34	4.99	ppb
Selenium	78-2	132.65	135.11	136.08	134.61	1.31	ppb
Silicon	28-1	145.04	158.08	136.77	146.63	7.33	ppb
Silver	107-1	2.66	2.66	2.65	2.66	0.12	ppb
Silver	109-1	0.12	0.13	0.12	0.12	4.48	ppb
Sodium	23-2	10092.41	10128.02	10056.38	10092.27	0.35	ppb
Strontium	86-1	3051.04	3170.23	3128.79	3116.69	1.94	ppb
Strontium	88-1	3069.88	3199.88	3193.44	3154.40	2.32	ppb
Sulfur	34-1	-126.32	-191.63	-227.83	-181.93		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	116.17	118.43	119.31	117.97	1.37	ppb
Thallium	205-1	121.90	124.96	126.79	124.55	1.98	ppb
Tin	118-1	112.51	114.41	113.31	113.41	0.84	ppb
Titanium	47-1	434.10	437.22	429.34	433.55	0.92	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:55:21	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	120.12	121.52	121.63	121.09	0.70	ppb
Vanadium	51-2	126.42	126.24	125.84	126.16	0.24	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	982.21	977.88	979.99	980.03	0.22	ppb
Zirconium	90-1	124.52	129.16	124.95	126.21	2.03	ppb
Zirconium	91-1	122.59	126.29	125.79	124.89	1.61	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:01:10	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51923.74	51541.48	51419.36	51628.19	0.51	ppb
Antimony	121-1	513.17	511.73	510.86	511.92	0.23	ppb
Arsenic	75-2	502.09	504.16	499.66	501.97	0.45	ppb
Barium	135-1	2572.25	2588.48	2551.54	2570.76	0.72	ppb
Barium	137-1	2574.34	2605.99	2560.45	2580.26	0.90	ppb
Beryllium	9-1	493.18	490.70	487.47	490.45	0.58	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	499.10	505.24	502.30	502.21	0.61	ppb
Cadmium	106-1	501.63	504.97	500.09	502.23	0.50	ppb
Cadmium	111-1	485.87	498.35	495.30	493.17	1.32	ppb
Calcium	43-1	256939.44	256275.90	260765.19	257993.51	0.94	ppb
Calcium	44-1	258183.94	256969.66	259453.12	258202.24	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.50	510.38	513.25	511.38	0.32	ppb
Cobalt	59-2	501.12	500.04	494.81	498.66	0.68	ppb
Copper	63-2	4817.95	4833.89	4809.78	4820.54	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	129866.85	130308.54	130523.32	130232.90	0.26	ppb
Iron	57-2	130624.52	130166.48	131280.64	130690.55	0.43	ppb
Iron	54-2	130717.62	131453.79	131586.58	131252.66	0.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:01:10	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2601.75	2626.80	2573.68	2600.74	1.02	ppb
Lead	207-1	2590.29	2611.47	2534.68	2578.81	1.54	ppb
Lead	208-1	2596.98	2609.53	2550.14	2585.55	1.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	260249.10	256506.15	257956.89	258237.38	0.73	ppb
Manganese	55-2	4999.98	5024.20	5001.97	5008.71	0.27	ppb
Molybdenum	94-1	5192.24	5204.52	5230.71	5209.16	0.38	ppb
Molybdenum	95-1	5189.97	5121.39	5215.69	5175.69	0.94	ppb
Molybdenum	96-1	5218.97	5171.53	5236.32	5208.94	0.64	ppb
Molybdenum	97-1	5204.15	5145.89	5199.58	5183.21	0.63	ppb
Molybdenum	98-1	5176.33	5130.59	5202.81	5169.91	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.54	477.30	475.48	476.44	0.19	ppb
Phosphorus	31-2	10230.82	10154.05	10084.43	10156.43	0.72	ppb
Potassium	39-2	127118.35	127350.40	126124.49	126864.41	0.51	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	82-1	492.86	488.88	491.70	491.15	0.42	ppb
Selenium	77-2	502.69	494.12	492.50	496.44	1.10	ppb
Selenium	78-2	485.86	498.18	484.69	489.58	1.53	ppb
Silicon	28-1	482.30	480.41	501.18	487.96	2.35	ppb
Silver	107-1	499.18	502.93	500.61	500.91	0.38	ppb
Silver	109-1	496.87	499.84	497.37	498.03	0.32	ppb
Sodium	23-2	257509.62	257544.36	253300.28	256118.09	0.95	ppb
Strontium	86-1	12966.06	12880.41	12926.15	12924.21	0.33	ppb
Strontium	88-1	12958.11	12838.89	12780.48	12859.16	0.70	ppb
Sulfur	34-1	9923.98	9831.30	10150.07	9968.45	1.64	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	513.65	526.67	521.89	520.74	1.27	ppb
Thallium	205-1	521.75	527.49	518.33	522.52	0.89	ppb
Tin	118-1	512.44	517.04	502.64	510.71	1.44	ppb
Titanium	47-1	4964.98	5007.46	5074.49	5015.64	1.10	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:01:10	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	532.17	534.16	518.19	528.17	1.65	ppb
Vanadium	51-2	514.44	517.97	509.30	513.90	0.85	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	4735.96	4779.70	4729.26	4748.30	0.58	ppb
Zirconium	90-1	511.86	515.56	516.14	514.52	0.45	ppb
Zirconium	91-1	518.06	524.63	516.93	519.87	0.80	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:03:52	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.73	3.00	2.46	3.07	20.76	ppb
Antimony	121-1	0.29	0.24	0.21	0.25	17.95	ppb
Arsenic	75-2	0.05	0.03	0.07	0.05	36.53	ppb
Barium	135-1	0.44	0.27	0.24	0.32	33.35	ppb
Barium	137-1	0.45	0.35	0.26	0.35	26.75	ppb
Beryllium	9-1	0.12	0.14	0.10	0.12	18.34	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.04	0.01	0.04	50.46	ppb
Cadmium	106-1	-0.39	-0.24	-1.28	-0.64		ppb
Cadmium	111-1	0.09	0.06	-0.01	0.04	120.19	ppb
Calcium	43-1	52.62	27.97	28.35	36.31	38.89	ppb
Calcium	44-1	46.82	33.64	25.36	35.28	30.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	0.03	0.03	54.43	ppb
Cobalt	59-2	0.03	0.04	0.04	0.03	16.54	ppb
Copper	63-2	0.48	0.45	0.37	0.43	13.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	10.57	9.33	8.26	9.39	12.35	ppb
Iron	57-2	7.30	7.57	7.39	7.42	1.84	ppb
Iron	54-2	11.69	8.82	7.82	9.44	21.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:03:52	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.51	0.38	0.31	0.40	25.33	ppb
Lead	207-1	0.49	0.38	0.31	0.40	23.09	ppb
Lead	208-1	0.50	0.38	0.31	0.39	24.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	19.66	18.07	16.01	17.91	10.22	ppb
Manganese	55-2	0.43	0.32	0.32	0.35	18.04	ppb
Molybdenum	94-1	1.11	0.80	0.67	0.86	25.82	ppb
Molybdenum	95-1	1.02	0.76	0.57	0.78	28.69	ppb
Molybdenum	96-1	1.02	0.73	0.60	0.78	27.78	ppb
Molybdenum	97-1	1.02	0.73	0.56	0.77	30.37	ppb
Molybdenum	98-1	0.99	0.76	0.60	0.79	25.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.06	0.04	33.27	ppb
Phosphorus	31-2	-17.10	-18.58	-14.42	-16.70		ppb
Potassium	39-2	9.64	8.00	6.34	7.99	20.65	ppb
Rhodium	103-1				90		%
Rhodium	103-2				95		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	82-1	0.30	0.07	0.19	0.18	61.10	ppb
Selenium	77-2	-0.10	-0.10	0.06	-0.04		ppb
Selenium	78-2	-0.52	-1.19	-1.64	-1.12		ppb
Silicon	28-1	-74.94	-77.02	-77.95	-76.64		ppb
Silver	107-1	0.14	0.11	0.08	0.11	25.65	ppb
Silver	109-1	0.15	0.12	0.08	0.12	27.67	ppb
Sodium	23-2	61.40	55.37	50.71	55.83	9.61	ppb
Strontium	86-1	2.20	2.43	0.98	1.87	41.77	ppb
Strontium	88-1	2.25	1.72	1.32	1.77	26.60	ppb
Sulfur	34-1	-226.09	-202.32	-220.47	-216.29		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.12	0.10	0.09	0.10	17.12	ppb
Thallium	205-1	0.13	0.10	0.08	0.11	24.95	ppb
Tin	118-1	0.09	0.09	0.07	0.08	18.44	ppb
Titanium	47-1	1.02	0.75	0.52	0.76	33.30	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:03:52	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.06	0.05	0.07	29.00	ppb
Vanadium	51-2	0.04	0.02	0.02	0.03	29.96	ppb
Yttrium	89-1				89		%
Yttrium	89-2				92		%
Zinc	66-2	0.38	0.50	0.29	0.39	27.88	ppb
Zirconium	90-1	0.12	0.10	0.08	0.10	21.78	ppb
Zirconium	91-1	0.13	0.09	0.08	0.10	23.44	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5213-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03I-15-1206:	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:07:52	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1997.62	1970.83	1981.46	1983.30	0.68	ppb
Antimony	121-1	0.05	0.03	0.04	0.04	14.43	ppb
Arsenic	75-2	1.46	1.45	1.51	1.47	2.33	ppb
Barium	135-1	7.78	7.69	7.69	7.72	0.72	ppb
Barium	137-1	7.75	7.75	7.71	7.74	0.32	ppb
Beryllium	9-1	0.06	0.03	0.05	0.05	24.43	ppb
Bismuth	209-1				107		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.33	0.44	0.37	0.38	14.78	ppb
Cadmium	106-1	0.55	0.58	0.74	0.62	16.41	ppb
Cadmium	111-1	0.02	0.01	0.03	0.02	41.77	ppb
Calcium	43-1	18.32	18.92	18.38	18.54	1.80	ppb
Calcium	44-1	19.32	17.74	17.80	18.29	4.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.75	6.66	6.65	6.69	0.80	ppb
Cobalt	59-2	0.38	0.36	0.37	0.37	3.04	ppb
Copper	63-2	2.59	2.57	2.50	2.55	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	3712.66	3773.53	3676.43	3720.87	1.32	ppb
Iron	57-2	3757.80	3748.07	3724.50	3743.46	0.46	ppb
Iron	54-2	3794.79	3802.04	3755.08	3783.97	0.67	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5213-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03I-15-1206(	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:07:52	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.36	2.26	2.35	2.32	2.25	ppb
Lead	207-1	2.14	2.15	2.20	2.16	1.41	ppb
Lead	208-1	2.25	2.19	2.30	2.25	2.50	ppb
Lithium	6-1				102		%
Magnesium	24-2	53.22	54.17	53.75	53.71	0.89	ppb
Manganese	55-2	19.47	19.32	18.96	19.25	1.36	ppb
Molybdenum	94-1	9.28	9.19	9.30	9.25	0.61	ppb
Molybdenum	95-1	0.11	0.07	0.09	0.09	19.81	ppb
Molybdenum	96-1	1.07	1.02	1.08	1.06	2.74	ppb
Molybdenum	97-1	0.08	0.07	0.08	0.08	11.05	ppb
Molybdenum	98-1	0.10	0.09	0.10	0.10	8.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.76	0.64	0.69	9.06	ppb
Phosphorus	31-2	63.62	57.01	63.79	61.48	6.29	ppb
Potassium	39-2	130.64	128.04	128.41	129.03	1.09	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.43	0.06	0.22	0.24	78.29	ppb
Selenium	77-2	1.08	1.92	1.67	1.56	27.76	ppb
Selenium	78-2	-0.75	-1.25	-1.02	-1.01		ppb
Silicon	28-1	278.66	260.09	312.78	283.85	9.42	ppb
Silver	107-1	0.02	0.01	0.02	0.02	12.16	ppb
Silver	109-1	0.00	0.00	0.00	0.00	41.72	ppb
Sodium	23-2	13.74	12.09	11.59	12.47	8.99	ppb
Strontium	86-1	11.34	11.85	11.08	11.43	3.43	ppb
Strontium	88-1	10.49	10.10	10.79	10.46	3.29	ppb
Sulfur	34-1	-34.93	-190.43	-170.25	-131.87		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.02	0.02	26.24	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	14.64	ppb
Tin	118-1	0.33	0.31	0.30	0.31	4.98	ppb
Titanium	47-1	19.49	18.90	19.20	19.20	1.54	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5213-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03I-15-1206:	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:07:52	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.42	0.43	0.42	1.08	ppb
Vanadium	51-2	11.06	10.97	10.98	11.00	0.44	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	2.99	3.06	2.97	3.01	1.54	ppb
Zirconium	90-1	5.04	5.02	5.07	5.04	0.54	ppb
Zirconium	91-1	5.06	5.08	5.28	5.14	2.32	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5236-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03D-3-12072	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1883.98	1888.23	1883.08	1885.10	0.15	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	12.14	ppb
Arsenic	75-2	10.49	10.61	10.75	10.62	1.20	ppb
Barium	135-1	12.67	12.93	12.56	12.72	1.50	ppb
Barium	137-1	12.72	13.05	12.53	12.77	2.06	ppb
Beryllium	9-1	0.05	0.09	0.08	0.07	31.42	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.76	1.69	1.52	1.66	7.47	ppb
Cadmium	106-1	5.44	4.94	3.94	4.77	16.08	ppb
Cadmium	111-1	0.34	0.31	0.23	0.29	19.22	ppb
Calcium	43-1	29.57	32.77	28.54	30.29	7.28	ppb
Calcium	44-1	26.73	31.24	28.03	28.67	8.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.43	40.47	39.97	40.29	0.69	ppb
Cobalt	59-2	0.04	0.03	0.03	0.03	22.57	ppb
Copper	63-2	8.59	8.52	8.41	8.51	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	9483.21	9444.10	9453.55	9460.29	0.22	ppb
Iron	57-2	9590.79	9507.83	9470.87	9523.16	0.64	ppb
Iron	54-2	9648.75	9754.73	9567.89	9657.12	0.97	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5236-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03D-3-12072	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.96	6.95	6.82	6.91	1.11	ppb
Lead	207-1	6.35	6.31	6.23	6.30	1.03	ppb
Lead	208-1	6.57	6.58	6.47	6.54	0.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	5.00	5.64	5.65	5.43	6.86	ppb
Manganese	55-2	1.10	1.12	1.08	1.10	1.98	ppb
Molybdenum	94-1	41.84	41.59	42.02	41.81	0.52	ppb
Molybdenum	95-1	0.03	0.15	0.02	0.06	116.79	ppb
Molybdenum	96-1	4.45	4.63	4.54	4.54	1.97	ppb
Molybdenum	97-1	-0.01	0.16	-0.01	0.05	210.95	ppb
Molybdenum	98-1	0.02	0.14	0.00	0.05	143.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.31	0.27	0.29	7.03	ppb
Phosphorus	31-2	39.11	35.84	34.41	36.45	6.60	ppb
Potassium	39-2	311.80	313.24	311.47	312.17	0.30	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.58	0.61	0.42	0.54	19.17	ppb
Selenium	77-2	7.13	6.61	6.59	6.78	4.54	ppb
Selenium	78-2	0.75	0.54	1.07	0.79	33.73	ppb
Silicon	28-1	204.56	229.30	221.89	218.58	5.81	ppb
Silver	107-1	0.05	0.06	0.05	0.06	6.89	ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	10.99	11.42	10.46	10.96	4.42	ppb
Strontium	86-1	47.31	49.97	46.66	47.98	3.65	ppb
Strontium	88-1	45.70	47.76	46.19	46.55	2.31	ppb
Sulfur	34-1	-352.16	-329.66	-338.42	-340.08		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.06	0.05	0.05	9.10	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	8.20	ppb
Tin	118-1	0.50	0.52	0.49	0.50	2.82	ppb
Titanium	47-1	8.30	8.33	8.39	8.34	0.60	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5236-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03D-3-12072	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.77	1.81	1.78	1.79	1.21	ppb
Vanadium	51-2	59.55	59.09	58.90	59.18	0.57	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.50	0.62	0.64	0.59	12.93	ppb
Zirconium	90-1	23.20	23.10	22.99	23.10	0.46	ppb
Zirconium	91-1	23.06	23.10	23.21	23.12	0.35	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5076-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL2-SB02I-7.5-1202	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:14:20	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6326.28	6419.43	6251.80	6332.50	1.33	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	22.54	ppb
Arsenic	75-2	3.86	3.88	3.65	3.80	3.40	ppb
Barium	135-1	40.04	41.10	40.79	40.64	1.34	ppb
Barium	137-1	41.25	41.72	41.78	41.58	0.70	ppb
Beryllium	9-1	0.42	0.45	0.40	0.42	5.21	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	0.65	0.59	0.61	5.00	ppb
Cadmium	106-1	1.35	2.06	1.09	1.50	33.33	ppb
Cadmium	111-1	0.08	0.13	0.06	0.09	41.48	ppb
Calcium	43-1	324.31	325.90	329.56	326.59	0.82	ppb
Calcium	44-1	323.00	323.50	318.84	321.78	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.94	15.00	15.09	15.01	0.49	ppb
Cobalt	59-2	5.62	5.74	5.61	5.65	1.26	ppb
Copper	63-2	7.70	7.76	7.73	7.73	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	14621.85	14706.29	14657.82	14661.99	0.29	ppb
Iron	57-2	14776.40	14601.54	14659.60	14679.18	0.61	ppb
Iron	54-2	14568.33	14708.48	14769.10	14681.97	0.70	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5076-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL2-SB02I-7.5-1202	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:14:20	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.08	8.22	7.93	8.08	1.78	ppb
Lead	207-1	7.62	7.57	7.48	7.56	0.91	ppb
Lead	208-1	7.75	7.82	7.69	7.75	0.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	751.96	754.90	763.04	756.63	0.76	ppb
Manganese	55-2	143.54	143.83	144.34	143.90	0.28	ppb
Molybdenum	94-1	14.63	14.96	14.91	14.83	1.22	ppb
Molybdenum	95-1	0.39	0.39	0.38	0.39	1.42	ppb
Molybdenum	96-1	2.04	2.01	2.01	2.02	0.79	ppb
Molybdenum	97-1	0.39	0.39	0.40	0.39	1.01	ppb
Molybdenum	98-1	0.38	0.38	0.39	0.38	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.11	6.11	6.03	6.08	0.79	ppb
Phosphorus	31-2	170.29	168.93	153.82	164.35	5.57	ppb
Potassium	39-2	574.75	575.12	576.11	575.33	0.12	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.28	0.03	0.09	0.14	97.08	ppb
Selenium	77-2	4.40	3.58	3.57	3.85	12.35	ppb
Selenium	78-2	-0.48	-0.44	-1.06	-0.66		ppb
Silicon	28-1	648.38	635.83	690.80	658.34	4.38	ppb
Silver	107-1	0.02	0.03	0.02	0.03	12.61	ppb
Silver	109-1	0.00	0.01	0.00	0.01	52.34	ppb
Sodium	23-2	20.09	19.27	19.04	19.47	2.85	ppb
Strontium	86-1	73.87	73.51	74.85	74.08	0.94	ppb
Strontium	88-1	73.30	73.84	74.17	73.77	0.60	ppb
Sulfur	34-1	-98.58	-172.76	-218.61	-163.32		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.08	0.08	0.08	5.55	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	4.05	ppb
Tin	118-1	0.12	0.10	0.14	0.12	18.98	ppb
Titanium	47-1	177.03	179.55	178.77	178.45	0.72	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5076-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL2-SB02I-7.5-1202	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:14:20	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.81	0.82	0.82	1.44	ppb
Vanadium	51-2	25.23	25.16	25.12	25.17	0.23	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	18.11	18.16	18.01	18.09	0.41	ppb
Zirconium	90-1	7.87	8.06	8.03	7.99	1.27	ppb
Zirconium	91-1	8.07	8.07	8.22	8.12	1.09	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:20:37	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51436.61	51817.31	51774.24	51676.05	0.40	ppb
Antimony	121-1	482.21	498.50	506.11	495.61	2.46	ppb
Arsenic	75-2	501.99	492.19	499.45	497.87	1.02	ppb
Barium	135-1	2453.43	2531.88	2568.17	2517.83	2.33	ppb
Barium	137-1	2431.89	2520.35	2571.49	2507.91	2.82	ppb
Beryllium	9-1	468.44	499.54	490.22	486.06	3.28	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	477.78	494.16	504.29	492.08	2.72	ppb
Cadmium	106-1	477.16	494.79	500.24	490.73	2.46	ppb
Cadmium	111-1	462.27	475.55	485.99	474.60	2.50	ppb
Calcium	43-1	243794.88	255463.40	253628.52	250962.27	2.50	ppb
Calcium	44-1	241440.47	253337.09	252019.50	248932.35	2.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.17	502.99	508.53	506.57	0.61	ppb
Cobalt	59-2	495.41	496.58	500.73	497.58	0.56	ppb
Copper	63-2	4792.83	4792.84	4877.67	4821.11	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	130801.43	130033.61	130774.04	130536.36	0.33	ppb
Iron	57-2	130656.36	130087.73	130341.86	130361.99	0.22	ppb
Iron	54-2	130549.78	130104.31	131356.38	130670.16	0.49	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:20:37	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2497.63	2613.66	2624.22	2578.50	2.72	ppb
Lead	207-1	2485.37	2584.49	2608.98	2559.61	2.56	ppb
Lead	208-1	2490.63	2586.25	2607.10	2561.33	2.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	256660.41	258803.04	260072.12	258511.86	0.67	ppb
Manganese	55-2	5002.21	5002.60	5038.16	5014.32	0.41	ppb
Molybdenum	94-1	4965.96	5150.92	5170.88	5095.92	2.22	ppb
Molybdenum	95-1	4920.04	5141.08	5135.59	5065.57	2.49	ppb
Molybdenum	96-1	4911.50	5108.52	5123.26	5047.76	2.34	ppb
Molybdenum	97-1	4880.19	5081.57	5106.04	5022.60	2.47	ppb
Molybdenum	98-1	4850.96	5059.50	5067.30	4992.59	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.61	468.64	478.95	473.73	1.09	ppb
Phosphorus	31-2	10136.66	10049.96	10199.16	10128.59	0.74	ppb
Potassium	39-2	126153.63	125813.98	127512.66	126493.43	0.71	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				83		%
Selenium	82-1	461.84	486.42	489.66	479.31	3.17	ppb
Selenium	77-2	484.18	496.62	493.03	491.28	1.30	ppb
Selenium	78-2	493.46	482.94	489.16	488.52	1.08	ppb
Silicon	28-1	440.79	482.21	478.87	467.29	4.92	ppb
Silver	107-1	480.37	489.58	502.45	490.80	2.26	ppb
Silver	109-1	480.84	480.28	502.69	487.94	2.62	ppb
Sodium	23-2	255643.75	254962.40	257016.42	255874.19	0.41	ppb
Strontium	86-1	11985.85	12669.43	12951.38	12535.55	3.96	ppb
Strontium	88-1	12186.74	12634.07	12822.17	12547.66	2.60	ppb
Sulfur	34-1	9559.76	9965.99	9794.84	9773.53	2.09	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	512.26	523.47	530.50	522.08	1.76	ppb
Thallium	205-1	509.25	521.87	531.64	520.92	2.15	ppb
Tin	118-1	488.70	500.50	503.69	497.63	1.59	ppb
Titanium	47-1	4776.49	5003.85	4934.51	4904.95	2.38	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:20:37	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	502.76	529.40	532.67	521.61	3.15	ppb
Vanadium	51-2	512.32	504.85	519.33	512.16	1.41	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%
Zinc	66-2	4830.37	4780.47	4825.52	4812.12	0.57	ppb
Zirconium	90-1	487.73	512.18	513.70	504.54	2.89	ppb
Zirconium	91-1	491.64	514.74	517.82	508.07	2.82	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:23:19	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.16	2.70	2.07	2.64	20.59	ppb
Antimony	121-1	0.27	0.22	0.19	0.23	18.23	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	54.27	ppb
Barium	135-1	0.46	0.32	0.22	0.34	36.06	ppb
Barium	137-1	0.48	0.35	0.23	0.35	36.07	ppb
Beryllium	9-1	0.13	0.11	0.07	0.10	29.49	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.14	0.05	0.02	0.07	96.97	ppb
Cadmium	106-1	-0.30	0.21	0.24	0.05	604.05	ppb
Cadmium	111-1	0.09	0.08	0.06	0.08	20.33	ppb
Calcium	43-1	60.43	36.18	21.80	39.47	49.47	ppb
Calcium	44-1	54.03	32.28	22.46	36.26	44.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.02	0.02	22.24	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	16.08	ppb
Copper	63-2	0.38	0.29	0.27	0.31	19.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	8.64	7.23	6.01	7.30	18.04	ppb
Iron	57-2	6.75	5.10	4.26	5.37	23.56	ppb
Iron	54-2	8.35	7.62	6.89	7.62	9.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:23:19	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.51	0.35	0.26	0.37	33.11	ppb
Lead	207-1	0.53	0.36	0.26	0.38	36.11	ppb
Lead	208-1	0.53	0.34	0.27	0.38	35.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	15.53	12.82	11.05	13.13	17.17	ppb
Manganese	55-2	0.28	0.27	0.24	0.26	8.09	ppb
Molybdenum	94-1	1.15	0.82	0.59	0.86	32.88	ppb
Molybdenum	95-1	1.10	0.71	0.53	0.78	37.04	ppb
Molybdenum	96-1	1.13	0.71	0.51	0.79	40.46	ppb
Molybdenum	97-1	1.07	0.75	0.53	0.79	34.60	ppb
Molybdenum	98-1	1.11	0.73	0.53	0.79	37.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.05	0.02	95.69	ppb
Phosphorus	31-2	-20.27	-16.64	-15.94	-17.62		ppb
Potassium	39-2	5.56	4.96	3.16	4.56	27.34	ppb
Rhodium	103-1				91		%
Rhodium	103-2				95		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	0.31	-0.33	0.03	0.00	27297.01	ppb
Selenium	77-2	0.06	-0.10	-0.10	-0.04		ppb
Selenium	78-2	0.21	-1.21	-0.51	-0.50		ppb
Silicon	28-1	-81.89	-83.19	-83.37	-82.82		ppb
Silver	107-1	0.15	0.10	0.08	0.11	33.46	ppb
Silver	109-1	0.14	0.11	0.08	0.11	26.08	ppb
Sodium	23-2	44.70	40.57	36.38	40.55	10.25	ppb
Strontium	86-1	2.72	2.14	1.31	2.06	34.40	ppb
Strontium	88-1	2.61	1.66	1.08	1.78	43.17	ppb
Sulfur	34-1	-174.22	-167.76	-174.90	-172.29		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.07	0.06	0.08	29.82	ppb
Thallium	205-1	0.11	0.08	0.06	0.08	29.62	ppb
Tin	118-1	0.11	0.10	0.07	0.09	21.76	ppb
Titanium	47-1	1.05	0.69	0.41	0.72	44.25	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:23:19	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.06	0.04	0.07	39.85	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	6.35	ppb
Yttrium	89-1				90		%
Yttrium	89-2				92		%
Zinc	66-2	0.47	0.45	0.35	0.43	15.37	ppb
Zirconium	90-1	0.14	0.09	0.08	0.10	31.59	ppb
Zirconium	91-1	0.13	0.11	0.07	0.11	28.61	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:40:10	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	-0.25	-0.13	-0.18		ppb
Antimony	121-1	0.02	0.03	0.02	0.02	6.85	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.00	0.00	-0.02	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	-0.05	-0.05	-0.05		ppb
Cadmium	106-1	-0.96	-1.12	-0.95	-1.01		ppb
Cadmium	111-1	-0.07	-0.08	-0.07	-0.07		ppb
Calcium	43-1	-4.59	-2.31	-0.89	-2.59		ppb
Calcium	44-1	-4.30	-4.62	-3.59	-4.17		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	-0.04	-0.02		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.02	0.03	0.03	0.03	15.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	-0.13	-0.16	-0.13	-0.14		ppb
Iron	57-2	-1.36	-1.68	-2.01	-1.69		ppb
Iron	54-2	0.53	-0.13	-0.26	0.05	928.87	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:40:10	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.01	0.01	20.28	ppb
Lead	207-1	0.00	0.01	0.00	0.01	112.67	ppb
Lead	208-1	0.00	0.01	0.00	0.01	73.19	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.19	-0.26	0.17	0.03	773.38	ppb
Manganese	55-2	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	0.00	0.03	0.00	0.01	198.62	ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	123.10	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	56.71	ppb
Molybdenum	97-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.03	0.01	0.01	0.02	58.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	-0.03	-0.03		ppb
Phosphorus	31-2	-19.05	-15.29	-14.72	-16.35		ppb
Potassium	39-2	-3.78	-0.81	-0.60	-1.73		ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.14	0.15	0.10	0.13	22.38	ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.22	-0.52	-1.00	-0.58		ppb
Silicon	28-1	-81.47	-83.00	-82.00	-82.16		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	161.63	ppb
Sodium	23-2	5.98	4.98	5.76	5.57	9.39	ppb
Strontium	86-1	-0.05	-0.17	0.20	0.00		ppb
Strontium	88-1	-0.05	0.02	0.05	0.01	717.70	ppb
Sulfur	34-1	36.33	44.43	58.29	46.35	23.96	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.00	0.00	0.00	321.88	ppb
Titanium	47-1	-0.01	-0.05	-0.01	-0.02		ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:40:10	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	221.18	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	-0.05	0.00	0.04	0.00		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	66.68	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	127.57	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:02:58	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.18	35.11	35.52	34.94	1.97	ppb
Antimony	121-1	3.90	3.96	3.92	3.93	0.81	ppb
Arsenic	75-2	1.94	2.21	2.04	2.06	6.58	ppb
Barium	135-1	18.46	18.90	18.65	18.67	1.18	ppb
Barium	137-1	18.74	18.96	18.70	18.80	0.76	ppb
Beryllium	9-1	2.01	2.04	1.99	2.01	1.27	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.16	2.11	1.90	2.06	6.57	ppb
Cadmium	106-1	1.45	0.84	1.14	1.14	26.60	ppb
Cadmium	111-1	2.00	2.05	1.97	2.01	1.93	ppb
Calcium	43-1	981.74	1010.57	989.70	994.00	1.50	ppb
Calcium	44-1	989.13	999.41	978.32	988.95	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.67	3.71	3.67	3.69	0.65	ppb
Cobalt	59-2	1.92	1.91	1.92	1.91	0.34	ppb
Copper	63-2	4.19	4.21	4.13	4.17	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	393.15	394.23	382.97	390.12	1.59	ppb
Iron	57-2	394.02	399.23	396.72	396.66	0.66	ppb
Iron	54-2	400.43	400.49	398.21	399.71	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:02:58	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.70	1.77	1.74	1.74	2.15	ppb
Lead	207-1	1.71	1.75	1.72	1.73	1.06	ppb
Lead	208-1	1.68	1.74	1.72	1.71	1.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	901.31	906.66	894.52	900.83	0.68	ppb
Manganese	55-2	1.71	1.61	1.71	1.68	3.44	ppb
Molybdenum	94-1	10.73	11.09	10.93	10.92	1.65	ppb
Molybdenum	95-1	8.91	9.31	9.16	9.12	2.19	ppb
Molybdenum	96-1	9.12	9.42	9.36	9.30	1.71	ppb
Molybdenum	97-1	9.06	9.27	9.11	9.15	1.22	ppb
Molybdenum	98-1	8.99	9.10	9.13	9.07	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	2.03	1.93	1.98	2.55	ppb
Phosphorus	31-2	24.89	36.13	27.71	29.58	19.78	ppb
Potassium	39-2	970.40	977.32	974.18	973.97	0.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	9.71	9.85	9.54	9.70	1.60	ppb
Selenium	77-2	9.46	8.62	9.01	9.03	4.63	ppb
Selenium	78-2	9.76	10.37	9.89	10.01	3.19	ppb
Silicon	28-1	-57.46	-57.59	-59.40	-58.15		ppb
Silver	107-1	1.99	2.03	2.04	2.02	1.32	ppb
Silver	109-1	2.02	2.03	2.06	2.04	1.15	ppb
Sodium	23-2	894.00	901.46	888.15	894.54	0.75	ppb
Strontium	86-1	45.39	47.70	47.35	46.81	2.66	ppb
Strontium	88-1	45.78	47.34	46.35	46.49	1.70	ppb
Sulfur	34-1	155.25	31.41	43.27	76.64	89.15	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1.79	1.83	1.82	1.81	1.03	ppb
Thallium	205-1	1.78	1.84	1.84	1.82	1.98	ppb
Tin	118-1	10.02	9.98	10.01	10.00	0.19	ppb
Titanium	47-1	2.11	2.03	2.07	2.07	1.89	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:02:58	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.65	1.71	1.69	1.68	1.79	ppb
Vanadium	51-2	9.54	9.60	9.58	9.57	0.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	9.46	9.67	9.26	9.46	2.19	ppb
Zirconium	90-1	1.83	1.90	1.82	1.85	2.29	ppb
Zirconium	91-1	1.80	1.86	1.87	1.84	2.01	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:06:18	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.26	16.07	16.32	16.22	0.81	ppb
Antimony	121-1	2.00	1.97	1.97	1.98	0.93	ppb
Arsenic	75-2	0.98	1.03	1.02	1.01	2.59	ppb
Barium	135-1	9.55	9.36	9.49	9.47	1.03	ppb
Barium	137-1	9.62	9.62	9.45	9.57	1.02	ppb
Beryllium	9-1	0.89	0.98	0.95	0.94	5.10	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	0.95	0.89	0.91	3.87	ppb
Cadmium	106-1	0.91	0.80	0.60	0.77	20.64	ppb
Cadmium	111-1	1.03	0.99	1.00	1.01	1.86	ppb
Calcium	43-1	503.50	481.98	486.08	490.52	2.33	ppb
Calcium	44-1	496.37	485.10	489.19	490.22	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.91	1.80	1.88	3.88	ppb
Cobalt	59-2	0.99	0.95	0.96	0.96	2.10	ppb
Copper	63-2	2.30	2.21	2.25	2.25	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	196.30	194.04	193.86	194.73	0.70	ppb
Iron	57-2	200.73	196.20	194.93	197.29	1.55	ppb
Iron	54-2	200.74	197.87	199.88	199.49	0.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:06:18	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.84	0.83	0.84	1.95	ppb
Lead	207-1	0.85	0.80	0.82	0.83	2.93	ppb
Lead	208-1	0.84	0.82	0.82	0.83	1.18	ppb
Lithium	6-1				102		%
Magnesium	24-2	451.03	442.96	451.91	448.64	1.10	ppb
Manganese	55-2	0.71	0.74	0.74	0.73	2.71	ppb
Molybdenum	94-1	5.28	5.35	5.50	5.37	2.07	ppb
Molybdenum	95-1	4.56	4.42	4.38	4.45	2.17	ppb
Molybdenum	96-1	4.66	4.60	4.68	4.65	0.92	ppb
Molybdenum	97-1	4.54	4.53	4.42	4.50	1.38	ppb
Molybdenum	98-1	4.49	4.51	4.56	4.52	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	0.95	1.09	1.05	8.28	ppb
Phosphorus	31-2	5.17	6.06	10.34	7.19	38.43	ppb
Potassium	39-2	491.30	483.59	485.77	486.89	0.82	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	4.74	4.56	4.55	4.62	2.36	ppb
Selenium	77-2	5.31	4.40	6.01	5.24	15.41	ppb
Selenium	78-2	5.31	4.41	5.09	4.94	9.48	ppb
Silicon	28-1	-64.23	-69.37	-68.78	-67.46		ppb
Silver	107-1	1.04	1.01	1.05	1.03	1.79	ppb
Silver	109-1	1.03	1.01	1.01	1.01	1.14	ppb
Sodium	23-2	449.67	442.15	444.22	445.35	0.87	ppb
Strontium	86-1	24.23	23.70	24.68	24.20	2.03	ppb
Strontium	88-1	23.57	23.64	23.43	23.54	0.46	ppb
Sulfur	34-1	40.56	-53.10	12.94	0.13	35840.87	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.89	0.91	0.88	0.89	1.27	ppb
Thallium	205-1	0.91	0.91	0.91	0.91	0.20	ppb
Tin	118-1	5.17	5.07	5.10	5.11	1.07	ppb
Titanium	47-1	1.00	0.96	0.90	0.95	5.27	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:06:18	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.82	0.81	0.82	1.50	ppb
Vanadium	51-2	4.81	4.82	4.78	4.81	0.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	4.60	4.57	4.92	4.69	4.16	ppb
Zirconium	90-1	0.92	0.89	0.92	0.91	1.72	ppb
Zirconium	91-1	0.91	0.92	0.95	0.93	1.85	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:09:36	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	0.09	-0.10	-0.05		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	185.37	ppb
Arsenic	75-2	-0.02	0.01	0.01	0.00		ppb
Barium	135-1	-0.01	-0.01	0.00	0.00		ppb
Barium	137-1	-0.02	-0.01	0.00	-0.01		ppb
Beryllium	9-1	-0.04	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.02	-0.04	-0.01		ppb
Cadmium	106-1	0.30	-0.17	0.24	0.12	207.03	ppb
Cadmium	111-1	0.02	-0.03	0.02	0.00	571.66	ppb
Calcium	43-1	-0.51	-3.18	-2.09	-1.92		ppb
Calcium	44-1	-4.03	-4.51	-4.30	-4.28		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	-0.01	0.02	0.00	241.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	-0.22	-0.11	-0.25	-0.19		ppb
Iron	57-2	-1.11	-0.68	-1.04	-0.94		ppb
Iron	54-2	-0.46	0.03	0.13	-0.10		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:09:36	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.02	-0.01	0.00	-0.01		ppb
Lead	207-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				102		%
Magnesium	24-2	0.64	-0.14	-0.27	0.08	636.66	ppb
Manganese	55-2	-0.04	-0.04	-0.02	-0.03		ppb
Molybdenum	94-1	0.00	0.00	0.02	0.01	179.17	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	-0.01	0.02	0.02	0.01	196.66	ppb
Molybdenum	97-1	0.01	-0.02	0.00	0.00		ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.03	-0.02		ppb
Phosphorus	31-2	-18.40	-18.12	-19.68	-18.74		ppb
Potassium	39-2	-2.00	-1.26	-1.35	-1.54		ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	-0.18	-0.06	-0.05	-0.09		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.17	-0.08	-0.15	-0.13		ppb
Silicon	28-1	-75.95	-76.98	-78.57	-77.16		ppb
Silver	107-1	0.00	0.01	0.01	0.01	45.92	ppb
Silver	109-1	0.00	0.01	0.01	0.01	32.78	ppb
Sodium	23-2	1.48	1.47	2.01	1.66	18.76	ppb
Strontium	86-1	0.09	0.09	0.26	0.15	68.09	ppb
Strontium	88-1	-0.02	-0.04	-0.02	-0.03		ppb
Sulfur	34-1	72.15	50.33	58.53	60.33	18.27	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	72.34	ppb
Tin	118-1	0.01	0.01	0.00	0.01	56.88	ppb
Titanium	47-1	0.02	-0.02	0.00	0.00	1582.19	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:09:36	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	30.93	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	-0.09	-0.12	-0.11	-0.11		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	109.68	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	294.74	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:12:51	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.66	35.81	34.39	35.29	2.21	ppb
Antimony	121-1	3.96	3.94	3.94	3.95	0.28	ppb
Arsenic	75-2	2.17	1.91	2.13	2.07	6.84	ppb
Barium	135-1	19.04	18.86	19.31	19.07	1.19	ppb
Barium	137-1	19.11	19.08	19.23	19.14	0.43	ppb
Beryllium	9-1	1.99	1.87	1.71	1.86	7.43	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.09	2.16	2.09	2.11	1.94	ppb
Cadmium	106-1	2.08	2.61	2.15	2.28	12.65	ppb
Cadmium	111-1	2.06	2.06	2.06	2.06	0.18	ppb
Calcium	43-1	974.96	1002.16	987.02	988.05	1.38	ppb
Calcium	44-1	1007.22	990.77	990.08	996.02	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.75	3.73	3.77	3.75	0.64	ppb
Cobalt	59-2	1.91	1.92	1.89	1.90	0.73	ppb
Copper	63-2	4.16	4.17	4.20	4.18	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	392.86	396.10	392.66	393.87	0.49	ppb
Iron	57-2	393.07	401.34	400.51	398.31	1.14	ppb
Iron	54-2	403.06	401.91	399.41	401.46	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:12:51	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.73	1.77	1.73	1.74	1.41	ppb
Lead	207-1	1.71	1.75	1.73	1.73	1.32	ppb
Lead	208-1	1.71	1.72	1.71	1.71	0.34	ppb
Lithium	6-1				104		%
Magnesium	24-2	907.90	901.95	900.66	903.50	0.43	ppb
Manganese	55-2	1.70	1.69	1.76	1.72	2.28	ppb
Molybdenum	94-1	11.06	10.98	11.00	11.01	0.38	ppb
Molybdenum	95-1	9.22	9.09	9.07	9.13	0.86	ppb
Molybdenum	96-1	9.27	9.28	9.28	9.27	0.07	ppb
Molybdenum	97-1	9.19	9.08	9.17	9.15	0.61	ppb
Molybdenum	98-1	9.09	9.25	9.23	9.19	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	2.02	2.07	2.03	2.06	ppb
Phosphorus	31-2	28.00	25.68	23.35	25.68	9.05	ppb
Potassium	39-2	970.39	980.80	967.78	972.99	0.71	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	10.43	9.67	9.61	9.90	4.62	ppb
Selenium	77-2	11.16	7.75	11.35	10.09	20.08	ppb
Selenium	78-2	9.17	9.27	9.18	9.21	0.60	ppb
Silicon	28-1	-59.82	-60.38	-60.70	-60.30		ppb
Silver	107-1	2.03	2.04	2.06	2.04	0.75	ppb
Silver	109-1	2.06	2.11	2.05	2.07	1.51	ppb
Sodium	23-2	895.00	896.55	893.38	894.98	0.18	ppb
Strontium	86-1	47.93	46.85	47.05	47.28	1.22	ppb
Strontium	88-1	47.50	47.28	47.23	47.34	0.30	ppb
Sulfur	34-1	81.29	46.52	80.56	69.46	28.61	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	1.85	1.82	1.79	1.82	1.49	ppb
Thallium	205-1	1.84	1.85	1.81	1.83	1.11	ppb
Tin	118-1	10.20	10.03	10.15	10.12	0.83	ppb
Titanium	47-1	2.10	2.18	2.01	2.10	4.27	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:12:51	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.67	1.68	1.65	1.67	0.89	ppb
Vanadium	51-2	9.55	9.63	9.61	9.60	0.41	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	9.37	9.71	9.56	9.55	1.79	ppb
Zirconium	90-1	1.88	1.82	1.86	1.85	1.52	ppb
Zirconium	91-1	1.87	1.89	1.87	1.88	0.42	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:16:07	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.76	16.33	16.44	16.18	2.24	ppb
Antimony	121-1	1.98	2.01	1.98	1.99	0.99	ppb
Arsenic	75-2	1.13	0.90	1.00	1.01	11.71	ppb
Barium	135-1	9.47	9.61	9.36	9.48	1.35	ppb
Barium	137-1	9.52	9.56	9.47	9.51	0.47	ppb
Beryllium	9-1	1.07	0.97	0.93	0.99	7.58	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	1.12	0.98	1.05	6.39	ppb
Cadmium	106-1	1.75	2.18	1.32	1.75	24.56	ppb
Cadmium	111-1	1.10	1.10	1.08	1.09	0.72	ppb
Calcium	43-1	501.12	497.66	485.88	494.89	1.62	ppb
Calcium	44-1	493.30	496.34	486.45	492.03	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	1.83	1.80	1.83	1.26	ppb
Cobalt	59-2	0.96	0.92	0.95	0.94	1.72	ppb
Copper	63-2	2.32	2.22	2.20	2.25	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	194.79	197.31	194.94	195.68	0.72	ppb
Iron	57-2	195.17	199.06	193.18	195.80	1.53	ppb
Iron	54-2	199.06	200.63	200.02	199.90	0.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:16:07	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.84	0.89	0.86	2.89	ppb
Lead	207-1	0.82	0.86	0.84	0.84	1.90	ppb
Lead	208-1	0.83	0.84	0.84	0.84	0.61	ppb
Lithium	6-1				106		%
Magnesium	24-2	451.66	452.51	448.67	450.95	0.45	ppb
Manganese	55-2	0.78	0.77	0.73	0.76	3.14	ppb
Molybdenum	94-1	5.49	5.51	5.28	5.43	2.32	ppb
Molybdenum	95-1	4.46	4.62	4.49	4.52	1.89	ppb
Molybdenum	96-1	4.60	4.61	4.53	4.58	0.96	ppb
Molybdenum	97-1	4.57	4.54	4.42	4.51	1.76	ppb
Molybdenum	98-1	4.46	4.58	4.50	4.51	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.03	1.01	1.02	0.74	ppb
Phosphorus	31-2	5.34	3.46	5.30	4.70	22.85	ppb
Potassium	39-2	489.70	489.95	484.32	487.99	0.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	4.89	4.73	5.06	4.89	3.36	ppb
Selenium	77-2	5.50	5.18	4.99	5.22	4.85	ppb
Selenium	78-2	5.24	4.29	3.81	4.45	16.37	ppb
Silicon	28-1	-70.33	-71.07	-72.34	-71.25		ppb
Silver	107-1	1.03	1.02	1.02	1.03	0.79	ppb
Silver	109-1	1.03	1.04	1.04	1.04	0.66	ppb
Sodium	23-2	444.92	448.63	443.95	445.83	0.55	ppb
Strontium	86-1	24.50	23.96	24.42	24.29	1.19	ppb
Strontium	88-1	23.57	23.56	23.55	23.56	0.04	ppb
Sulfur	34-1	100.60	100.35	104.85	101.93	2.48	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.88	0.89	0.89	0.89	1.03	ppb
Thallium	205-1	0.90	0.95	0.93	0.93	2.45	ppb
Tin	118-1	5.18	5.16	5.06	5.13	1.25	ppb
Titanium	47-1	0.92	1.00	0.89	0.93	6.00	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:16:07	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.85	0.84	0.84	0.61	ppb
Vanadium	51-2	4.82	4.82	4.87	4.84	0.59	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	4.76	4.77	4.81	4.78	0.51	ppb
Zirconium	90-1	0.93	0.93	0.91	0.92	1.66	ppb
Zirconium	91-1	0.89	0.94	0.90	0.91	2.83	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:19:22	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	-0.07	-0.45	-0.33		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	53.63	ppb
Arsenic	75-2	-0.03	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.02	-0.01	0.00	0.00	433.89	ppb
Barium	137-1	0.00	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	-0.03	-0.03	-0.01	-0.02		ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	-0.04	-0.06	-0.05		ppb
Cadmium	106-1	0.75	1.02	0.52	0.76	33.12	ppb
Cadmium	111-1	0.05	0.06	0.03	0.05	27.84	ppb
Calcium	43-1	-1.49	-2.57	-1.61	-1.89		ppb
Calcium	44-1	-4.33	-4.80	-5.41	-4.85		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.03	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.02	-0.01	0.02	0.01	181.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	-0.14	0.01	0.00	-0.04		ppb
Iron	57-2	-1.74	-1.25	-1.83	-1.61		ppb
Iron	54-2	-1.00	-0.41	0.31	-0.37		ppb
Krypton	83-1						cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:19:22	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	0.00	0.00	0.00		ppb
Lead	207-1	-0.01	-0.02	-0.02	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				104		%
Magnesium	24-2	0.17	-0.35	-0.39	-0.19		ppb
Manganese	55-2	-0.03	-0.01	-0.03	-0.02		ppb
Molybdenum	94-1	0.02	0.01	0.02	0.02	35.75	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	33.99	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	82.11	ppb
Molybdenum	97-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.02	-0.07	-0.05		ppb
Phosphorus	31-2	-15.93	-16.80	-15.76	-16.16		ppb
Potassium	39-2	1.24	0.47	0.42	0.71	65.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.23	-0.07	-0.50	-0.27		ppb
Selenium	77-2	-0.10	0.04	-0.10	-0.05		ppb
Selenium	78-2	0.57	-1.12	-0.53	-0.36		ppb
Silicon	28-1	-77.98	-78.52	-79.76	-78.75		ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.77	ppb
Silver	109-1	0.01	0.01	0.00	0.01	74.59	ppb
Sodium	23-2	2.08	2.20	1.99	2.09	4.94	ppb
Strontium	86-1	-0.07	0.27	0.02	0.07	243.00	ppb
Strontium	88-1	-0.04	-0.01	0.00	-0.02		ppb
Sulfur	34-1	272.49	288.23	167.07	242.60	27.15	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.00	0.01	0.00	127.84	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.36	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	-0.03	-0.03	-0.02	-0.03		ppb

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:19:22	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	41.63	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	-0.08	-0.02	-0.06	-0.05		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	79.68	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:22:40	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.91	35.68	36.06	35.55	1.64	ppb
Antimony	121-1	3.74	4.03	4.02	3.93	4.31	ppb
Arsenic	75-2	1.90	1.97	2.05	1.98	3.64	ppb
Barium	135-1	17.86	19.19	19.09	18.71	3.94	ppb
Barium	137-1	17.89	19.36	19.31	18.85	4.41	ppb
Beryllium	9-1	1.70	1.88	2.06	1.88	9.68	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.84	2.24	2.19	2.09	10.61	ppb
Cadmium	106-1	2.23	3.26	1.84	2.44	30.05	ppb
Cadmium	111-1	1.95	2.19	2.12	2.09	6.09	ppb
Calcium	43-1	925.49	1013.78	1003.92	981.06	4.93	ppb
Calcium	44-1	919.41	1011.55	992.57	974.51	4.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.55	3.80	3.82	3.72	4.05	ppb
Cobalt	59-2	1.89	1.94	1.94	1.92	1.40	ppb
Copper	63-2	4.14	4.24	4.28	4.22	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	388.71	397.45	391.31	392.49	1.14	ppb
Iron	57-2	392.79	403.18	395.50	397.16	1.36	ppb
Iron	54-2	395.03	404.40	410.67	403.37	1.95	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:22:40	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.68	1.68	1.78	1.71	3.33	ppb
Lead	207-1	1.60	1.73	1.73	1.69	4.63	ppb
Lead	208-1	1.63	1.72	1.73	1.69	2.99	ppb
Lithium	6-1				106		%
Magnesium	24-2	892.14	921.24	917.34	910.24	1.74	ppb
Manganese	55-2	1.67	1.73	1.71	1.71	1.71	ppb
Molybdenum	94-1	10.36	10.95	10.93	10.75	3.16	ppb
Molybdenum	95-1	8.50	9.33	9.23	9.02	4.99	ppb
Molybdenum	96-1	8.82	9.34	9.37	9.18	3.37	ppb
Molybdenum	97-1	8.78	9.09	9.26	9.04	2.69	ppb
Molybdenum	98-1	8.62	9.13	9.11	8.95	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	1.95	2.01	1.98	1.49	ppb
Phosphorus	31-2	25.31	19.75	35.34	26.80	29.49	ppb
Potassium	39-2	953.87	989.90	991.99	978.59	2.19	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	9.15	9.48	9.12	9.25	2.15	ppb
Selenium	77-2	8.74	12.73	9.67	10.38	20.12	ppb
Selenium	78-2	10.90	10.20	10.44	10.51	3.36	ppb
Silicon	28-1	-68.86	-56.91	-58.53	-61.43		ppb
Silver	107-1	1.91	2.12	2.08	2.04	5.41	ppb
Silver	109-1	1.95	2.04	2.07	2.02	3.20	ppb
Sodium	23-2	881.76	907.87	907.64	899.09	1.67	ppb
Strontium	86-1	45.51	48.47	48.19	47.39	3.44	ppb
Strontium	88-1	43.91	46.79	47.80	46.17	4.37	ppb
Sulfur	34-1	-112.49	215.00	90.34	64.29	257.12	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	1.69	1.87	1.87	1.81	5.74	ppb
Thallium	205-1	1.71	1.81	1.82	1.78	3.32	ppb
Tin	118-1	9.61	10.07	10.15	9.95	2.91	ppb
Titanium	47-1	1.93	2.08	2.18	2.06	5.90	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:22:40	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.57	1.70	1.68	1.65	4.09	ppb
Vanadium	51-2	9.48	9.65	9.69	9.61	1.12	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	9.67	9.64	9.86	9.73	1.25	ppb
Zirconium	90-1	1.73	1.84	1.85	1.80	3.80	ppb
Zirconium	91-1	1.75	1.88	1.90	1.85	4.43	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:25:55	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.38	22.48	22.48	22.78	2.27	ppb
Antimony	121-1	2.02	2.02	1.99	2.01	0.81	ppb
Arsenic	75-2	1.11	1.02	1.22	1.11	9.16	ppb
Barium	135-1	9.35	9.70	9.69	9.58	2.11	ppb
Barium	137-1	9.36	9.73	9.76	9.62	2.29	ppb
Beryllium	9-1	0.83	0.98	1.01	0.94	10.17	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.98	0.89	0.86	0.91	6.86	ppb
Cadmium	106-1	1.53	1.47	1.18	1.39	13.62	ppb
Cadmium	111-1	1.04	1.06	1.04	1.05	0.66	ppb
Calcium	43-1	484.62	494.52	500.22	493.12	1.60	ppb
Calcium	44-1	482.92	499.42	507.95	496.76	2.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.85	1.89	1.88	1.51	ppb
Cobalt	59-2	0.99	0.98	0.99	0.99	0.84	ppb
Copper	63-2	2.29	2.30	2.34	2.31	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	200.36	199.32	200.75	200.15	0.37	ppb
Iron	57-2	202.41	197.62	203.98	201.34	1.64	ppb
Iron	54-2	204.53	204.99	204.24	204.59	0.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:25:55	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.83	0.85	0.87	0.85	2.39	ppb
Lead	207-1	0.84	0.82	0.84	0.83	1.21	ppb
Lead	208-1	0.81	0.83	0.86	0.83	2.90	ppb
Lithium	6-1				106		%
Magnesium	24-2	461.52	457.98	463.76	461.09	0.63	ppb
Manganese	55-2	0.80	0.78	0.74	0.77	4.05	ppb
Molybdenum	94-1	5.34	5.49	5.65	5.49	2.84	ppb
Molybdenum	95-1	4.44	4.54	4.64	4.54	2.17	ppb
Molybdenum	96-1	4.51	4.68	4.71	4.64	2.36	ppb
Molybdenum	97-1	4.52	4.60	4.61	4.58	1.10	ppb
Molybdenum	98-1	4.48	4.62	4.74	4.61	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.11	1.01	1.06	4.32	ppb
Phosphorus	31-2	7.90	11.62	8.22	9.24	22.29	ppb
Potassium	39-2	505.03	502.43	504.70	504.05	0.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	4.63	4.60	5.27	4.83	7.82	ppb
Selenium	77-2	5.24	4.79	4.79	4.94	5.18	ppb
Selenium	78-2	5.66	4.72	6.70	5.70	17.37	ppb
Silicon	28-1	-71.33	-69.89	-66.32	-69.18		ppb
Silver	107-1	0.99	1.03	1.07	1.03	3.82	ppb
Silver	109-1	0.98	1.05	1.04	1.03	3.65	ppb
Sodium	23-2	459.96	456.83	458.13	458.31	0.34	ppb
Strontium	86-1	23.24	23.97	23.79	23.67	1.61	ppb
Strontium	88-1	23.24	24.30	24.30	23.95	2.57	ppb
Sulfur	34-1	-103.64	-8.79	76.08	-12.12		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.88	0.89	0.95	0.90	3.94	ppb
Thallium	205-1	0.89	0.93	0.95	0.92	3.41	ppb
Tin	118-1	5.00	5.20	5.24	5.14	2.44	ppb
Titanium	47-1	0.96	0.89	0.99	0.95	5.40	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:25:55	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.85	0.85	0.83	2.82	ppb
Vanadium	51-2	4.97	4.86	4.96	4.93	1.20	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	4.86	4.85	5.08	4.93	2.56	ppb
Zirconium	90-1	0.90	0.94	0.97	0.94	3.51	ppb
Zirconium	91-1	0.92	0.96	0.98	0.95	3.42	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:29:12	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39042.71	38905.69	38894.23	38947.54	0.21	ppb
Antimony	121-1	0.23	0.23	0.24	0.23	4.20	ppb
Arsenic	75-2	67.81	66.42	66.54	66.93	1.15	ppb
Barium	135-1	300.32	304.63	302.05	302.33	0.72	ppb
Barium	137-1	314.46	314.92	310.97	313.45	0.69	ppb
Beryllium	9-1	1.36	1.38	1.37	1.37	0.50	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.30	1.22	1.42	1.31	7.43	ppb
Cadmium	106-1	3.12	2.31	1.68	2.37	30.27	ppb
Cadmium	111-1	0.64	0.67	0.63	0.65	3.08	ppb
Calcium	43-1	29316.16	30343.54	31329.63	30329.78	3.32	ppb
Calcium	44-1	29521.41	29927.75	29914.65	29787.94	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.04	54.25	54.27	54.19	0.24	ppb
Cobalt	59-2	42.55	42.76	42.35	42.55	0.49	ppb
Copper	63-2	95.26	94.92	94.98	95.05	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	97502.63	97035.58	97753.25	97430.49	0.37	ppb
Iron	57-2	95914.95	95187.39	94564.06	95222.13	0.71	ppb
Iron	54-2	97238.22	97230.38	97565.51	97344.71	0.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:29:12	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.70	36.28	36.38	36.45	0.61	ppb
Lead	207-1	35.13	35.41	35.27	35.27	0.40	ppb
Lead	208-1	35.26	35.30	35.05	35.20	0.38	ppb
Lithium	6-1				103		%
Magnesium	24-2	18081.00	18320.51	18217.04	18206.18	0.66	ppb
Manganese	55-2	1741.69	1752.54	1747.20	1747.14	0.31	ppb
Molybdenum	94-1	13.11	13.33	13.82	13.42	2.73	ppb
Molybdenum	95-1	0.59	0.60	0.60	0.60	0.91	ppb
Molybdenum	96-1	2.52	2.59	2.56	2.56	1.41	ppb
Molybdenum	97-1	0.58	0.60	0.61	0.60	2.20	ppb
Molybdenum	98-1	0.58	0.58	0.58	0.58	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.64	49.08	48.31	48.68	0.79	ppb
Phosphorus	31-2	2869.61	2883.62	2921.59	2891.61	0.93	ppb
Potassium	39-2	5559.19	5551.43	5532.51	5547.71	0.25	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	1.10	1.13	0.85	1.03	15.09	ppb
Selenium	77-2	13.63	12.67	13.81	13.37	4.60	ppb
Selenium	78-2	2.79	1.93	2.66	2.46	18.90	ppb
Silicon	28-1	6537.61	6114.46	6205.08	6285.71	3.54	ppb
Silver	107-1	0.13	0.14	0.13	0.13	5.55	ppb
Silver	109-1	0.12	0.12	0.11	0.11	3.16	ppb
Sodium	23-2	145.29	151.39	139.93	145.53	3.94	ppb
Strontium	86-1	1445.09	1490.17	1481.64	1472.30	1.63	ppb
Strontium	88-1	1506.97	1499.90	1507.70	1504.85	0.29	ppb
Sulfur	34-1	-90.09	-222.61	-315.27	-209.32		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.22	0.21	0.22	2.55	ppb
Thallium	205-1	0.22	0.24	0.24	0.23	3.55	ppb
Tin	118-1	1.13	1.24	1.47	1.28	13.47	ppb
Titanium	47-1	485.17	496.18	492.48	491.28	1.14	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:29:12	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.86	0.87	0.87	0.75	ppb
Vanadium	51-2	169.76	170.45	169.04	169.75	0.42	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	200.99	202.50	203.55	202.35	0.64	ppb
Zirconium	90-1	7.00	7.09	7.08	7.06	0.73	ppb
Zirconium	91-1	7.17	7.37	7.23	7.26	1.45	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:32:19	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38194.06	38284.70	38519.34	38332.70	0.44	ppb
Antimony	121-1	0.64	0.69	0.70	0.68	4.56	ppb
Arsenic	75-2	66.65	65.85	66.87	66.46	0.80	ppb
Barium	135-1	276.53	296.94	299.93	291.13	4.37	ppb
Barium	137-1	285.38	312.33	312.10	303.27	5.11	ppb
Beryllium	9-1	1.73	1.90	1.84	1.83	4.70	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.45	1.42	1.67	1.51	9.00	ppb
Cadmium	106-1	3.03	2.10	2.81	2.65	18.42	ppb
Cadmium	111-1	1.08	1.06	1.14	1.09	4.02	ppb
Calcium	43-1	28896.78	30818.45	31250.08	30321.77	4.13	ppb
Calcium	44-1	27511.42	29817.00	29818.71	29049.04	4.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.27	53.27	53.91	53.48	0.69	ppb
Cobalt	59-2	42.07	42.39	42.63	42.36	0.67	ppb
Copper	63-2	96.44	96.49	97.65	96.86	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	96213.38	95099.35	95614.79	95642.51	0.58	ppb
Iron	57-2	93879.98	94776.24	94931.06	94529.09	0.60	ppb
Iron	54-2	95523.29	95908.54	95999.77	95810.53	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:32:19	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.81	37.96	38.36	37.04	5.24	ppb
Lead	207-1	33.87	36.88	36.87	35.88	4.83	ppb
Lead	208-1	33.89	36.72	37.13	35.91	4.91	ppb
Lithium	6-1				103		%
Magnesium	24-2	17990.43	18075.47	17982.28	18016.06	0.29	ppb
Manganese	55-2	1738.38	1729.30	1722.09	1729.92	0.47	ppb
Molybdenum	94-1	15.76	16.79	16.72	16.42	3.52	ppb
Molybdenum	95-1	4.63	4.83	4.95	4.81	3.32	ppb
Molybdenum	96-1	6.33	6.76	6.77	6.62	3.82	ppb
Molybdenum	97-1	4.63	4.99	4.95	4.86	3.99	ppb
Molybdenum	98-1	4.61	4.91	4.95	4.82	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.73	48.23	48.42	48.13	0.75	ppb
Phosphorus	31-2	2872.21	2830.39	2895.17	2865.92	1.15	ppb
Potassium	39-2	5502.63	5528.45	5590.02	5540.37	0.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	1.51	1.71	1.40	1.54	10.28	ppb
Selenium	77-2	16.45	13.56	13.68	14.56	11.22	ppb
Selenium	78-2	1.90	1.87	1.15	1.64	25.69	ppb
Silicon	28-1	5527.28	5935.03	5908.08	5790.13	3.94	ppb
Silver	107-1	0.58	0.61	0.62	0.60	3.57	ppb
Silver	109-1	0.57	0.60	0.60	0.59	2.95	ppb
Sodium	23-2	355.75	360.19	358.77	358.24	0.63	ppb
Strontium	86-1	1375.70	1451.91	1460.54	1429.38	3.27	ppb
Strontium	88-1	1388.07	1476.65	1500.28	1455.00	4.07	ppb
Sulfur	34-1	-779.20	-665.91	-625.60	-690.24		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.63	0.67	0.70	0.67	5.94	ppb
Thallium	205-1	0.63	0.68	0.70	0.67	5.18	ppb
Tin	118-1	0.76	0.88	1.05	0.90	16.21	ppb
Titanium	47-1	450.47	484.12	485.20	473.26	4.17	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:32:19	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.28	1.31	1.26	5.06	ppb
Vanadium	51-2	166.84	166.47	168.30	167.20	0.58	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	205.53	204.90	207.48	205.97	0.65	ppb
Zirconium	90-1	6.48	6.93	7.03	6.81	4.32	ppb
Zirconium	91-1	6.68	7.12	6.97	6.92	3.20	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 18:35:28	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8228.87	8213.46	8255.00	8232.44	0.26	ppb
Antimony	121-1	0.12	0.11	0.13	0.12	5.99	ppb
Arsenic	75-2	15.19	15.12	14.76	15.02	1.56	ppb
Barium	135-1	60.49	61.18	61.90	61.19	1.15	ppb
Barium	137-1	61.05	61.79	62.96	61.93	1.56	ppb
Beryllium	9-1	0.27	0.36	0.36	0.33	14.88	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.22	0.33	0.29	20.28	ppb
Cadmium	106-1	0.26	0.16	0.24	0.22	25.19	ppb
Cadmium	111-1	0.19	0.19	0.19	0.19	0.68	ppb
Calcium	43-1	6532.92	6629.10	6705.02	6622.35	1.30	ppb
Calcium	44-1	6242.36	6319.67	6394.63	6318.89	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.38	11.48	11.49	11.45	0.53	ppb
Cobalt	59-2	9.19	9.13	9.24	9.19	0.60	ppb
Copper	63-2	22.55	22.85	22.44	22.61	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	20695.20	20654.37	20491.16	20613.57	0.52	ppb
Iron	57-2	20590.49	20726.32	20347.66	20554.82	0.93	ppb
Iron	54-2	20552.71	20480.70	20370.36	20467.92	0.45	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 18:35:28	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.68	7.70	7.88	7.75	1.40	ppb
Lead	207-1	7.35	7.44	7.48	7.43	0.89	ppb
Lead	208-1	7.36	7.39	7.53	7.43	1.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	3868.44	3895.04	3855.90	3873.13	0.52	ppb
Manganese	55-2	371.37	372.19	372.41	371.99	0.15	ppb
Molybdenum	94-1	3.46	3.59	3.50	3.52	1.80	ppb
Molybdenum	95-1	0.89	0.92	0.87	0.90	2.79	ppb
Molybdenum	96-1	1.26	1.32	1.29	1.29	2.29	ppb
Molybdenum	97-1	0.88	0.86	0.86	0.87	1.62	ppb
Molybdenum	98-1	0.89	0.89	0.93	0.90	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.02	10.74	10.96	10.91	1.35	ppb
Phosphorus	31-2	599.57	609.28	606.51	605.12	0.83	ppb
Potassium	39-2	1209.10	1228.16	1219.44	1218.90	0.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.33	0.27	0.13	0.25	40.76	ppb
Selenium	77-2	2.48	2.03	2.43	2.31	10.65	ppb
Selenium	78-2	0.41	0.09	-0.31	0.07	539.46	ppb
Silicon	28-1	1197.34	1209.01	1244.21	1216.86	2.00	ppb
Silver	107-1	0.12	0.11	0.12	0.12	3.65	ppb
Silver	109-1	0.11	0.12	0.12	0.11	5.74	ppb
Sodium	23-2	72.78	73.48	72.42	72.89	0.74	ppb
Strontium	86-1	321.86	319.33	325.70	322.30	0.99	ppb
Strontium	88-1	319.82	324.05	318.99	320.95	0.85	ppb
Sulfur	34-1	-970.11	-944.66	-875.82	-930.20		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.12	0.12	0.12	0.12	3.59	ppb
Thallium	205-1	0.13	0.13	0.14	0.13	4.97	ppb
Tin	118-1	0.22	0.23	0.27	0.24	10.01	ppb
Titanium	47-1	101.09	102.87	103.20	102.38	1.11	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 18:35:28	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.24	0.24	2.84	ppb
Vanadium	51-2	35.49	35.67	35.45	35.54	0.34	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	44.77	45.63	44.50	44.97	1.31	ppb
Zirconium	90-1	1.49	1.52	1.52	1.51	1.32	ppb
Zirconium	91-1	1.55	1.54	1.52	1.54	0.97	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:38:37	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39219.71	39519.92	39155.54	39298.39	0.49	ppb
Antimony	121-1	70.99	72.21	70.75	71.32	1.10	ppb
Arsenic	75-2	92.44	92.32	92.15	92.30	0.16	ppb
Barium	135-1	1739.55	1775.49	1727.83	1747.62	1.42	ppb
Barium	137-1	1743.00	1758.98	1717.36	1739.78	1.21	ppb
Beryllium	9-1	36.53	36.99	37.69	37.07	1.57	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.91	35.06	33.94	34.64	1.76	ppb
Cadmium	106-1	35.83	36.06	35.78	35.89	0.41	ppb
Cadmium	111-1	36.77	37.34	36.90	37.00	0.81	ppb
Calcium	43-1	30927.46	31501.91	31585.57	31338.31	1.14	ppb
Calcium	44-1	29855.02	30060.90	30241.29	30052.40	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	188.50	186.36	189.59	188.15	0.87	ppb
Cobalt	59-2	380.03	374.06	387.10	380.40	1.72	ppb
Copper	63-2	255.77	254.31	255.64	255.24	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	96288.89	96010.26	97253.45	96517.54	0.68	ppb
Iron	57-2	95999.02	93109.29	95635.34	94914.55	1.66	ppb
Iron	54-2	96467.76	96117.17	97336.92	96640.62	0.65	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:38:37	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.95	52.55	51.98	52.16	0.65	ppb
Lead	207-1	49.56	49.82	49.49	49.62	0.35	ppb
Lead	208-1	49.90	50.25	50.00	50.05	0.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	17937.35	17823.21	17906.02	17888.86	0.33	ppb
Manganese	55-2	2064.40	2057.54	2078.88	2066.94	0.53	ppb
Molybdenum	94-1	16.66	16.72	16.73	16.70	0.23	ppb
Molybdenum	95-1	4.91	4.88	4.83	4.87	0.84	ppb
Molybdenum	96-1	6.75	6.79	6.66	6.73	1.05	ppb
Molybdenum	97-1	5.04	4.91	4.93	4.96	1.49	ppb
Molybdenum	98-1	4.87	4.98	4.81	4.89	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	378.28	373.92	378.85	377.01	0.72	ppb
Phosphorus	31-2	2905.39	2888.33	2806.92	2866.88	1.84	ppb
Potassium	39-2	5607.34	5569.16	5598.45	5591.65	0.36	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	65.00	62.97	64.07	64.01	1.59	ppb
Selenium	77-2	79.19	83.45	83.20	81.95	2.92	ppb
Selenium	78-2	67.58	67.85	67.22	67.55	0.46	ppb
Silicon	28-1	6032.28	6040.17	6073.55	6048.67	0.36	ppb
Silver	107-1	34.59	35.20	34.81	34.87	0.89	ppb
Silver	109-1	35.14	35.50	35.16	35.27	0.58	ppb
Sodium	23-2	352.08	350.42	350.79	351.09	0.25	ppb
Strontium	86-1	1467.30	1473.23	1441.62	1460.72	1.15	ppb
Strontium	88-1	1487.54	1524.42	1472.61	1494.85	1.78	ppb
Sulfur	34-1	-604.99	-586.31	-522.04	-571.12		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	34.25	34.84	34.69	34.59	0.89	ppb
Thallium	205-1	34.04	34.38	34.34	34.25	0.56	ppb
Tin	118-1	0.94	0.86	0.81	0.87	7.59	ppb
Titanium	47-1	481.17	491.18	488.00	486.78	1.05	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:38:37	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.29	1.29	1.29	0.22	ppb
Vanadium	51-2	504.98	503.29	509.65	505.97	0.65	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	533.16	528.66	530.24	530.69	0.43	ppb
Zirconium	90-1	6.92	7.07	6.85	6.95	1.64	ppb
Zirconium	91-1	7.08	7.05	7.02	7.05	0.47	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:41:39	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42090.36	43318.10	43030.78	42813.08	1.50	ppb
Antimony	121-1	296.12	304.36	307.84	302.77	1.99	ppb
Arsenic	75-2	181.56	178.62	181.28	180.49	0.90	ppb
Barium	135-1	6138.70	6296.22	6290.75	6241.89	1.43	ppb
Barium	137-1	6192.92	6249.18	6314.82	6252.31	0.98	ppb
Beryllium	9-1	144.42	151.63	151.16	149.07	2.71	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.62	142.53	142.93	140.36	2.93	ppb
Cadmium	106-1	138.68	139.62	137.46	138.59	0.78	ppb
Cadmium	111-1	148.42	151.15	150.60	150.06	0.96	ppb
Calcium	43-1	29864.80	30641.37	30542.67	30349.61	1.39	ppb
Calcium	44-1	28518.57	29573.55	29310.40	29134.17	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	623.76	635.72	639.11	632.86	1.27	ppb
Cobalt	59-2	1472.22	1504.51	1492.96	1489.90	1.10	ppb
Copper	63-2	762.91	781.32	788.18	777.47	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	96811.50	97455.41	97704.16	97323.69	0.47	ppb
Iron	57-2	95936.37	96994.19	97501.43	96810.67	0.82	ppb
Iron	54-2	96693.53	98277.16	97822.45	97597.71	0.84	ppb
Krypton	83-1						cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:41:39	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.76	98.33	98.27	97.12	2.11	ppb
Lead	207-1	88.79	92.22	90.63	90.55	1.89	ppb
Lead	208-1	92.31	96.66	95.82	94.93	2.43	ppb
Lithium	6-1				103		%
Magnesium	24-2	17626.20	17692.73	17763.05	17693.99	0.39	ppb
Manganese	55-2	3098.21	3124.28	3113.32	3111.93	0.42	ppb
Molybdenum	94-1	15.83	16.69	16.82	16.45	3.25	ppb
Molybdenum	95-1	4.77	5.04	5.02	4.94	3.00	ppb
Molybdenum	96-1	6.59	6.97	6.77	6.78	2.80	ppb
Molybdenum	97-1	4.67	5.05	4.94	4.89	3.96	ppb
Molybdenum	98-1	4.82	4.91	4.91	4.88	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1506.32	1533.15	1534.02	1524.49	1.03	ppb
Phosphorus	31-2	2798.73	2824.07	2838.65	2820.48	0.72	ppb
Potassium	39-2	5378.74	5470.41	5449.02	5432.73	0.88	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	271.35	285.56	284.11	280.34	2.79	ppb
Selenium	77-2	301.21	304.49	305.26	303.65	0.71	ppb
Selenium	78-2	297.30	296.76	294.40	296.15	0.52	ppb
Silicon	28-1	5646.48	5901.15	5860.08	5802.57	2.36	ppb
Silver	107-1	110.90	108.35	133.95	117.73	11.98	ppb
Silver	109-1	136.54	121.48	124.73	127.58	6.21	ppb
Sodium	23-2	352.30	356.61	361.12	356.68	1.24	ppb
Strontium	86-1	1387.18	1446.04	1451.14	1428.12	2.49	ppb
Strontium	88-1	1421.05	1483.33	1499.61	1468.00	2.82	ppb
Sulfur	34-1	-642.19	-576.50	-585.00	-601.23		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	150.76	153.50	155.02	153.09	1.41	ppb
Thallium	205-1	148.42	153.72	153.38	151.84	1.95	ppb
Tin	118-1	0.82	0.87	0.91	0.87	4.93	ppb
Titanium	47-1	461.43	478.47	478.68	472.86	2.09	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:41:39	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.30	1.29	1.28	2.49	ppb
Vanadium	51-2	1580.28	1592.16	1593.46	1588.63	0.46	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	1624.10	1677.77	1656.44	1652.77	1.64	ppb
Zirconium	90-1	6.56	6.93	6.98	6.82	3.40	ppb
Zirconium	91-1	6.87	7.12	6.88	6.95	2.02	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:53:09	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10059.86	10239.10	10125.27	10141.41	0.89	ppb
Antimony	121-1	0.50	0.53	0.50	0.51	3.22	ppb
Arsenic	75-2	19.18	18.69	19.45	19.10	2.02	ppb
Barium	135-1	76.35	77.50	77.63	77.16	0.92	ppb
Barium	137-1	77.52	78.75	78.18	78.15	0.79	ppb
Beryllium	9-1	0.82	0.86	0.73	0.80	8.25	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.68	0.66	0.69	4.25	ppb
Cadmium	106-1	-0.23	-0.61	-0.69	-0.51		ppb
Cadmium	111-1	0.54	0.53	0.52	0.53	2.46	ppb
Calcium	43-1	8118.81	8305.54	8317.85	8247.40	1.35	ppb
Calcium	44-1	7890.13	7962.57	8002.26	7951.65	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.36	14.63	14.63	14.54	1.09	ppb
Cobalt	59-2	11.36	11.54	11.60	11.50	1.05	ppb
Copper	63-2	29.15	29.58	29.60	29.45	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	25239.51	25206.68	25379.50	25275.23	0.36	ppb
Iron	57-2	25302.20	25053.97	25077.51	25144.56	0.54	ppb
Iron	54-2	25122.60	25396.81	25424.99	25314.80	0.66	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:53:09	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.75	11.00	10.92	10.89	1.20	ppb
Lead	207-1	10.46	10.52	10.72	10.56	1.29	ppb
Lead	208-1	10.43	10.61	10.71	10.58	1.35	ppb
Lithium	6-1				96		%
Magnesium	24-2	4965.72	4942.50	4926.92	4945.05	0.39	ppb
Manganese	55-2	453.65	456.78	461.80	457.41	0.90	ppb
Molybdenum	94-1	7.60	8.04	7.67	7.77	3.06	ppb
Molybdenum	95-1	4.25	4.41	4.49	4.38	2.83	ppb
Molybdenum	96-1	4.73	4.91	4.86	4.83	2.00	ppb
Molybdenum	97-1	4.16	4.42	4.30	4.29	3.02	ppb
Molybdenum	98-1	4.20	4.37	4.40	4.32	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.05	13.32	13.54	13.30	1.84	ppb
Phosphorus	31-2	733.84	749.16	769.43	750.81	2.38	ppb
Potassium	39-2	1593.38	1604.98	1611.04	1603.13	0.56	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	1.03	0.79	0.67	0.83	22.19	ppb
Selenium	77-2	4.01	2.59	3.75	3.45	21.94	ppb
Selenium	78-2	0.47	0.79	1.62	0.96	61.50	ppb
Silicon	28-1	1476.20	1532.54	1591.86	1533.53	3.77	ppb
Silver	107-1	0.49	0.49	0.50	0.50	0.57	ppb
Silver	109-1	0.48	0.49	0.49	0.49	1.50	ppb
Sodium	23-2	247.82	249.93	250.19	249.31	0.52	ppb
Strontium	86-1	394.28	408.13	403.84	402.08	1.76	ppb
Strontium	88-1	396.89	405.36	401.19	401.15	1.06	ppb
Sulfur	34-1	-854.20	-862.05	-866.95	-861.07		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.44	0.45	0.48	0.45	4.46	ppb
Thallium	205-1	0.45	0.47	0.49	0.47	3.66	ppb
Tin	118-1	0.68	0.87	0.69	0.74	14.52	ppb
Titanium	47-1	128.71	131.21	131.28	130.40	1.12	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:53:09	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.59	0.60	0.60	0.40	ppb
Vanadium	51-2	44.21	44.31	44.46	44.33	0.28	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	57.73	56.83	57.61	57.39	0.84	ppb
Zirconium	90-1	2.20	2.25	2.23	2.23	1.13	ppb
Zirconium	91-1	2.28	2.30	2.27	2.28	0.58	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:56:17	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9894.81	9841.04	9933.26	9889.70	0.47	ppb
Antimony	121-1	0.58	0.62	0.62	0.61	3.94	ppb
Arsenic	75-2	18.71	18.44	18.27	18.48	1.20	ppb
Barium	135-1	76.27	77.79	77.39	77.15	1.02	ppb
Barium	137-1	76.69	78.55	78.07	77.77	1.24	ppb
Beryllium	9-1	0.91	0.91	0.89	0.90	1.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.80	0.72	0.66	0.73	10.19	ppb
Cadmium	106-1	1.17	0.46	0.73	0.79	45.35	ppb
Cadmium	111-1	0.75	0.73	0.72	0.73	2.08	ppb
Calcium	43-1	8198.91	8161.50	8213.20	8191.20	0.33	ppb
Calcium	44-1	7726.61	7870.71	8013.49	7870.27	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.00	14.37	14.27	14.22	1.34	ppb
Cobalt	59-2	11.52	11.46	11.61	11.53	0.70	ppb
Copper	63-2	29.86	29.60	29.91	29.79	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	24906.36	24819.11	24988.53	24904.67	0.34	ppb
Iron	57-2	24591.31	24718.13	24680.77	24663.40	0.26	ppb
Iron	54-2	24794.68	25023.48	25055.82	24958.00	0.57	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:56:17	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.20	11.40	11.50	11.37	1.33	ppb
Lead	207-1	10.78	11.10	11.13	11.01	1.76	ppb
Lead	208-1	10.94	11.10	11.14	11.06	0.94	ppb
Lithium	6-1				99		%
Magnesium	24-2	4882.30	4955.23	4930.68	4922.73	0.75	ppb
Manganese	55-2	455.47	453.29	459.03	455.93	0.64	ppb
Molybdenum	94-1	8.62	8.74	8.80	8.72	1.07	ppb
Molybdenum	95-1	5.48	5.60	5.57	5.55	1.17	ppb
Molybdenum	96-1	6.05	5.98	6.07	6.03	0.81	ppb
Molybdenum	97-1	5.57	5.57	5.48	5.54	0.89	ppb
Molybdenum	98-1	5.53	5.51	5.56	5.53	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.53	12.93	13.01	12.82	2.03	ppb
Phosphorus	31-2	753.29	721.10	748.24	740.88	2.34	ppb
Potassium	39-2	1578.00	1598.19	1604.10	1593.43	0.86	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.77	0.77	0.58	0.71	15.91	ppb
Selenium	77-2	4.97	3.03	3.17	3.72	29.03	ppb
Selenium	78-2	0.76	1.09	0.54	0.80	35.10	ppb
Silicon	28-1	1435.76	1461.21	1462.37	1453.11	1.04	ppb
Silver	107-1	0.63	0.64	0.60	0.63	3.22	ppb
Silver	109-1	0.60	0.62	0.62	0.61	2.35	ppb
Sodium	23-2	297.78	302.74	304.59	301.70	1.17	ppb
Strontium	86-1	389.73	403.68	403.34	398.92	1.99	ppb
Strontium	88-1	395.01	400.49	402.06	399.19	0.93	ppb
Sulfur	34-1	-905.04	-883.54	-833.99	-874.19		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.56	0.57	0.57	0.57	0.70	ppb
Thallium	205-1	0.57	0.57	0.58	0.57	0.55	ppb
Tin	118-1	0.64	0.63	0.64	0.64	0.66	ppb
Titanium	47-1	126.67	128.73	130.12	128.51	1.35	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:56:17	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.71	0.70	0.70	1.84	ppb
Vanadium	51-2	43.21	43.35	44.05	43.54	1.03	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	57.19	57.34	59.20	57.91	1.93	ppb
Zirconium	90-1	2.22	2.25	2.25	2.24	0.84	ppb
Zirconium	91-1	2.24	2.28	2.25	2.26	0.84	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:59:29	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51858.35	50872.17	51633.77	51454.76	1.00	ppb
Antimony	121-1	497.18	508.82	498.22	501.41	1.28	ppb
Arsenic	75-2	503.18	499.68	508.63	503.83	0.90	ppb
Barium	135-1	2499.42	2552.43	2511.60	2521.15	1.10	ppb
Barium	137-1	2473.11	2536.72	2522.71	2510.85	1.33	ppb
Beryllium	9-1	481.36	498.62	502.37	494.12	2.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	488.15	497.64	495.86	493.88	1.02	ppb
Cadmium	106-1	494.36	499.88	500.71	498.32	0.69	ppb
Cadmium	111-1	483.19	500.58	495.56	493.11	1.82	ppb
Calcium	43-1	248175.89	258072.40	255454.78	253901.02	2.02	ppb
Calcium	44-1	247516.00	256914.72	254619.50	253016.74	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.53	499.84	507.14	502.84	0.76	ppb
Cobalt	59-2	499.88	496.00	499.62	498.50	0.43	ppb
Copper	63-2	4829.08	4791.72	4824.43	4815.08	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	130269.62	129877.05	129993.17	130046.61	0.16	ppb
Iron	57-2	130141.49	129422.51	129189.52	129584.51	0.38	ppb
Iron	54-2	131257.23	129957.87	130146.49	130453.86	0.54	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:59:29	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2612.86	2606.50	2628.84	2616.07	0.44	ppb
Lead	207-1	2576.57	2575.46	2608.77	2586.94	0.73	ppb
Lead	208-1	2569.71	2584.77	2583.20	2579.23	0.32	ppb
Lithium	6-1				96		%
Magnesium	24-2	256648.09	256578.92	253188.42	255471.81	0.77	ppb
Manganese	55-2	5017.62	4984.22	4999.11	5000.32	0.33	ppb
Molybdenum	94-1	5012.84	5069.36	5073.07	5051.76	0.67	ppb
Molybdenum	95-1	5054.69	5101.50	5014.63	5056.94	0.86	ppb
Molybdenum	96-1	5022.40	5102.45	5046.12	5056.99	0.81	ppb
Molybdenum	97-1	5030.10	5092.08	5016.57	5046.25	0.80	ppb
Molybdenum	98-1	4950.69	5041.71	4956.41	4982.94	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.01	471.91	477.14	475.69	0.69	ppb
Phosphorus	31-2	10002.09	10057.87	10220.11	10093.36	1.12	ppb
Potassium	39-2	126737.71	125930.26	126593.37	126420.44	0.34	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	477.96	480.09	480.58	479.54	0.29	ppb
Selenium	77-2	489.60	486.17	513.57	496.45	3.01	ppb
Selenium	78-2	490.07	480.95	498.29	489.77	1.77	ppb
Silicon	28-1	446.00	469.31	468.59	461.30	2.87	ppb
Silver	107-1	496.91	502.14	498.74	499.26	0.53	ppb
Silver	109-1	489.89	504.86	497.99	497.58	1.51	ppb
Sodium	23-2	254436.49	251731.11	254043.97	253403.86	0.58	ppb
Strontium	86-1	12415.50	12624.40	12701.44	12580.44	1.18	ppb
Strontium	88-1	12501.01	12604.20	12629.24	12578.15	0.54	ppb
Sulfur	34-1	9543.33	9834.98	9721.29	9699.87	1.52	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	525.99	521.17	529.27	525.48	0.78	ppb
Thallium	205-1	525.04	522.30	522.21	523.18	0.31	ppb
Tin	118-1	498.07	510.43	503.44	503.98	1.23	ppb
Titanium	47-1	4833.25	4986.35	5067.22	4962.27	2.39	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:59:29	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	521.55	522.42	532.00	525.32	1.10	ppb
Vanadium	51-2	517.13	508.86	512.01	512.67	0.81	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	4811.12	4779.44	4739.64	4776.73	0.75	ppb
Zirconium	90-1	498.59	507.43	506.73	504.25	0.97	ppb
Zirconium	91-1	509.49	507.52	509.97	508.99	0.25	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:02:11	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.19	2.03	1.15	1.79	31.41	ppb
Antimony	121-1	0.26	0.22	0.20	0.22	15.08	ppb
Arsenic	75-2	0.01	0.01	0.04	0.02	110.00	ppb
Barium	135-1	0.48	0.34	0.23	0.35	36.63	ppb
Barium	137-1	0.48	0.34	0.25	0.36	32.91	ppb
Beryllium	9-1	0.10	0.11	0.03	0.08	59.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.00	-0.01	0.04	207.43	ppb
Cadmium	106-1	0.03	-0.19	-0.36	-0.18		ppb
Cadmium	111-1	0.08	0.07	0.05	0.07	25.47	ppb
Calcium	43-1	50.26	33.39	25.67	36.44	34.51	ppb
Calcium	44-1	45.43	33.82	25.56	34.94	28.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	0.00	0.02	114.79	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	44.92	ppb
Copper	63-2	0.92	0.85	0.77	0.84	8.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	8.26	6.41	4.90	6.53	25.77	ppb
Iron	57-2	6.41	6.19	3.55	5.38	29.59	ppb
Iron	54-2	8.80	6.20	4.78	6.59	30.96	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:02:11	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.47	0.35	0.27	0.36	28.71	ppb
Lead	207-1	0.46	0.36	0.27	0.36	26.47	ppb
Lead	208-1	0.45	0.34	0.27	0.35	26.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	13.77	10.83	7.44	10.68	29.64	ppb
Manganese	55-2	0.25	0.19	0.16	0.20	23.32	ppb
Molybdenum	94-1	1.03	0.84	0.64	0.83	23.68	ppb
Molybdenum	95-1	0.99	0.78	0.57	0.78	26.99	ppb
Molybdenum	96-1	0.96	0.78	0.54	0.76	27.65	ppb
Molybdenum	97-1	0.96	0.77	0.55	0.76	27.19	ppb
Molybdenum	98-1	1.01	0.75	0.60	0.78	26.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.12	0.09	0.11	19.82	ppb
Phosphorus	31-2	-16.40	-20.68	-15.65	-17.58		ppb
Potassium	39-2	3.49	1.61	0.04	1.71	100.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	0.28	0.09	-0.73	-0.12		ppb
Selenium	77-2	0.05	-0.10	0.05	0.00	2782.14	ppb
Selenium	78-2	-1.03	0.11	-1.23	-0.72		ppb
Silicon	28-1	-90.42	-89.22	-88.82	-89.49		ppb
Silver	107-1	0.13	0.10	0.08	0.11	23.28	ppb
Silver	109-1	0.13	0.10	0.07	0.10	30.12	ppb
Sodium	23-2	27.13	23.83	20.89	23.95	13.04	ppb
Strontium	86-1	2.55	2.15	1.33	2.01	31.13	ppb
Strontium	88-1	2.46	1.71	1.37	1.85	30.14	ppb
Sulfur	34-1	-324.24	-220.15	-219.52	-254.64		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.06	0.05	0.07	31.68	ppb
Thallium	205-1	0.09	0.07	0.05	0.07	28.10	ppb
Tin	118-1	0.16	0.14	0.10	0.13	21.26	ppb
Titanium	47-1	0.94	0.75	0.55	0.75	25.65	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:02:11	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.07	0.05	0.07	29.01	ppb
Vanadium	51-2	0.03	0.02	0.01	0.02	51.57	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	0.44	0.40	0.37	0.40	9.13	ppb
Zirconium	90-1	0.11	0.09	0.08	0.09	19.08	ppb
Zirconium	91-1	0.13	0.08	0.06	0.09	40.67	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 19:05:28	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2075.89	2050.67	2062.92	2063.16	0.61	ppb
Antimony	121-1	0.62	0.62	0.63	0.62	0.87	ppb
Arsenic	75-2	4.30	4.40	4.43	4.37	1.50	ppb
Barium	135-1	17.89	17.75	17.96	17.87	0.59	ppb
Barium	137-1	17.88	18.11	18.34	18.11	1.27	ppb
Beryllium	9-1	0.57	0.56	0.61	0.58	4.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.56	0.64	0.53	0.58	10.25	ppb
Cadmium	106-1	1.37	0.64	0.39	0.80	63.44	ppb
Cadmium	111-1	0.69	0.61	0.62	0.64	6.98	ppb
Calcium	43-1	1898.88	1935.33	1929.64	1921.28	1.02	ppb
Calcium	44-1	1931.34	1943.44	1930.34	1935.04	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.35	3.41	3.45	3.40	1.49	ppb
Cobalt	59-2	2.83	2.86	2.88	2.86	0.84	ppb
Copper	63-2	11.00	10.87	10.97	10.95	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	5305.83	5302.10	5328.07	5312.00	0.26	ppb
Iron	57-2	5353.01	5316.51	5344.04	5337.85	0.36	ppb
Iron	54-2	5419.22	5291.15	5391.97	5367.45	1.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 19:05:28	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.32	4.44	4.42	4.39	1.45	ppb
Lead	207-1	4.20	4.32	4.28	4.26	1.45	ppb
Lead	208-1	4.23	4.40	4.26	4.30	2.08	ppb
Lithium	6-1				104		%
Magnesium	24-2	1205.70	1204.97	1209.22	1206.63	0.19	ppb
Manganese	55-2	97.72	96.02	97.10	96.94	0.89	ppb
Molybdenum	94-1	5.90	6.24	6.15	6.10	2.82	ppb
Molybdenum	95-1	5.32	5.30	5.47	5.36	1.70	ppb
Molybdenum	96-1	5.38	5.51	5.51	5.47	1.40	ppb
Molybdenum	97-1	5.33	5.47	5.37	5.39	1.30	ppb
Molybdenum	98-1	5.38	5.46	5.50	5.45	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.13	3.16	3.08	3.12	1.36	ppb
Phosphorus	31-2	148.00	148.44	148.22	148.22	0.15	ppb
Potassium	39-2	454.43	449.91	453.75	452.70	0.54	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	0.20	0.09	0.46	0.25	75.02	ppb
Selenium	77-2	0.94	1.36	1.66	1.32	27.60	ppb
Selenium	78-2	-0.01	-0.94	-0.90	-0.62		ppb
Silicon	28-1	270.59	274.34	271.94	272.29	0.70	ppb
Silver	107-1	0.60	0.61	0.61	0.61	0.19	ppb
Silver	109-1	0.59	0.61	0.61	0.60	1.43	ppb
Sodium	23-2	288.86	287.72	290.46	289.01	0.48	ppb
Strontium	86-1	90.75	93.65	92.96	92.45	1.64	ppb
Strontium	88-1	91.68	94.31	92.63	92.88	1.43	ppb
Sulfur	34-1	-134.75	-105.93	-185.94	-142.21		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.50	0.54	0.53	0.53	3.79	ppb
Thallium	205-1	0.53	0.55	0.53	0.54	2.20	ppb
Tin	118-1	0.59	0.88	0.66	0.71	21.60	ppb
Titanium	47-1	30.69	30.85	30.96	30.83	0.43	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 19:05:28	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.53	0.56	0.54	0.54	2.67	ppb
Vanadium	51-2	9.48	9.31	9.50	9.43	1.10	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	16.90	16.62	17.14	16.88	1.54	ppb
Zirconium	90-1	0.84	0.89	0.90	0.88	3.84	ppb
Zirconium	91-1	0.82	0.91	0.89	0.87	5.80	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:08:41	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10487.62	10546.16	10491.50	10508.43	0.31	ppb
Antimony	121-1	17.86	18.76	18.71	18.44	2.77	ppb
Arsenic	75-2	26.24	26.06	26.32	26.20	0.51	ppb
Barium	135-1	409.51	423.31	425.05	419.29	2.03	ppb
Barium	137-1	422.83	441.80	450.18	438.27	3.20	ppb
Beryllium	9-1	9.20	9.82	10.02	9.68	4.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.05	9.88	9.55	9.50	4.38	ppb
Cadmium	106-1	9.53	9.43	9.53	9.50	0.59	ppb
Cadmium	111-1	9.47	9.82	9.89	9.73	2.28	ppb
Calcium	43-1	7896.91	8310.77	8406.60	8204.76	3.30	ppb
Calcium	44-1	7710.37	7940.22	8012.93	7887.84	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.31	50.32	50.55	50.39	0.26	ppb
Cobalt	59-2	99.23	100.35	99.49	99.69	0.59	ppb
Copper	63-2	71.81	72.30	72.52	72.21	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	25608.90	25664.49	25768.87	25680.75	0.32	ppb
Iron	57-2	25193.64	25460.24	25575.84	25409.91	0.77	ppb
Iron	54-2	25824.12	25345.50	25914.56	25694.73	1.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:08:41	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.34	15.06	14.98	14.80	2.66	ppb
Lead	207-1	13.72	14.47	14.56	14.25	3.24	ppb
Lead	208-1	13.88	14.58	14.65	14.37	2.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	5000.77	5010.84	5005.47	5005.69	0.10	ppb
Manganese	55-2	546.52	554.32	557.20	552.68	1.00	ppb
Molybdenum	94-1	8.11	8.74	8.88	8.58	4.80	ppb
Molybdenum	95-1	5.23	5.52	5.54	5.43	3.12	ppb
Molybdenum	96-1	5.79	6.16	6.03	5.99	3.16	ppb
Molybdenum	97-1	5.37	5.62	5.45	5.48	2.31	ppb
Molybdenum	98-1	5.18	5.58	5.70	5.48	4.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.72	101.54	102.42	101.89	0.46	ppb
Phosphorus	31-2	739.85	756.60	733.12	743.19	1.63	ppb
Potassium	39-2	1617.66	1626.00	1631.18	1624.94	0.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	16.63	17.48	18.00	17.37	3.97	ppb
Selenium	77-2	23.19	21.77	23.24	22.73	3.68	ppb
Selenium	78-2	17.48	17.68	18.29	17.82	2.37	ppb
Silicon	28-1	1419.44	1503.17	1511.73	1478.11	3.45	ppb
Silver	107-1	8.98	9.30	9.50	9.26	2.81	ppb
Silver	109-1	9.00	9.52	9.62	9.38	3.60	ppb
Sodium	23-2	312.01	310.86	313.77	312.21	0.47	ppb
Strontium	86-1	387.89	409.39	410.14	402.48	3.14	ppb
Strontium	88-1	386.35	405.00	405.31	398.89	2.72	ppb
Sulfur	34-1	-327.84	-252.12	-273.54	-284.50		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	8.63	9.00	9.14	8.92	2.99	ppb
Thallium	205-1	8.55	8.96	9.10	8.87	3.20	ppb
Tin	118-1	0.62	0.64	0.68	0.65	4.43	ppb
Titanium	47-1	123.49	131.26	131.10	128.61	3.45	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:08:41	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.72	0.74	0.72	3.38	ppb
Vanadium	51-2	130.05	131.56	131.04	130.89	0.59	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	146.28	147.42	147.50	147.07	0.46	ppb
Zirconium	90-1	2.11	2.23	2.26	2.20	3.53	ppb
Zirconium	91-1	2.20	2.30	2.30	2.27	2.53	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:11:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11369.20	11350.41	11214.70	11311.44	0.75	ppb
Antimony	121-1	76.84	76.61	77.37	76.94	0.50	ppb
Arsenic	75-2	50.40	48.97	50.26	49.88	1.59	ppb
Barium	135-1	1631.57	1616.19	1621.24	1623.00	0.48	ppb
Barium	137-1	1617.52	1596.73	1609.93	1608.06	0.65	ppb
Beryllium	9-1	38.19	38.51	38.27	38.32	0.43	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	37.20	36.89	37.25	37.11	0.53	ppb
Cadmium	106-1	38.46	36.10	36.54	37.04	3.39	ppb
Cadmium	111-1	39.22	39.28	39.83	39.45	0.86	ppb
Calcium	43-1	8109.03	8262.35	8317.45	8229.61	1.31	ppb
Calcium	44-1	7821.32	7860.00	7887.89	7856.40	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163.79	163.61	164.10	163.83	0.15	ppb
Cobalt	59-2	388.90	393.32	382.99	388.40	1.33	ppb
Copper	63-2	203.27	204.73	201.99	203.33	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	25633.71	25576.79	25222.82	25477.77	0.87	ppb
Iron	57-2	25298.55	25404.77	24917.94	25207.09	1.02	ppb
Iron	54-2	25755.28	25677.54	25596.59	25676.47	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:11:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.04	26.77	26.21	26.34	1.46	ppb
Lead	207-1	24.69	25.72	24.94	25.12	2.13	ppb
Lead	208-1	25.00	25.71	25.29	25.33	1.40	ppb
Lithium	6-1				101		%
Magnesium	24-2	4807.92	4856.16	4830.59	4831.56	0.50	ppb
Manganese	55-2	826.05	817.78	816.82	820.21	0.62	ppb
Molybdenum	94-1	8.54	8.78	8.63	8.65	1.41	ppb
Molybdenum	95-1	5.49	5.52	5.53	5.51	0.37	ppb
Molybdenum	96-1	5.96	6.09	6.01	6.02	1.08	ppb
Molybdenum	97-1	5.62	5.58	5.56	5.58	0.55	ppb
Molybdenum	98-1	5.43	5.51	5.54	5.50	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	386.98	384.86	385.20	385.68	0.30	ppb
Phosphorus	31-2	730.58	748.19	727.63	735.46	1.51	ppb
Potassium	39-2	1592.26	1588.92	1575.97	1585.72	0.54	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	75.35	76.65	77.16	76.39	1.22	ppb
Selenium	77-2	84.84	82.20	89.44	85.49	4.28	ppb
Selenium	78-2	83.34	79.52	77.06	79.97	3.96	ppb
Silicon	28-1	1459.56	1477.31	1485.85	1474.24	0.91	ppb
Silver	107-1	36.42	36.72	36.94	36.69	0.72	ppb
Silver	109-1	36.90	37.15	37.29	37.12	0.53	ppb
Sodium	23-2	307.43	304.45	301.08	304.32	1.04	ppb
Strontium	86-1	398.80	404.92	399.01	400.91	0.87	ppb
Strontium	88-1	398.94	398.49	398.52	398.65	0.06	ppb
Sulfur	34-1	-496.79	-476.15	-506.89	-493.28		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	35.86	37.22	36.70	36.59	1.88	ppb
Thallium	205-1	35.75	36.83	36.39	36.32	1.49	ppb
Tin	118-1	0.69	0.69	0.69	0.69	0.07	ppb
Titanium	47-1	125.92	129.30	128.74	127.99	1.41	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:11:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.72	0.71	0.71	1.06	ppb
Vanadium	51-2	418.39	415.12	412.74	415.42	0.68	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	430.52	428.47	423.65	427.55	0.82	ppb
Zirconium	90-1	2.23	2.24	2.20	2.23	0.84	ppb
Zirconium	91-1	2.20	2.77	2.30	2.42	12.71	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-01	Instrumnet Name :	P7
Client Sample ID :	MYCYZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:14:55	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35572.98	35709.81	35609.11	35630.63	0.20	ppb
Antimony	121-1	0.19	0.19	0.19	0.19	0.45	ppb
Arsenic	75-2	70.33	70.06	70.04	70.15	0.23	ppb
Barium	135-1	307.96	303.95	306.37	306.09	0.66	ppb
Barium	137-1	319.64	318.99	320.22	319.62	0.19	ppb
Beryllium	9-1	1.44	1.38	1.44	1.42	2.26	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.47	1.45	1.61	1.51	6.08	ppb
Cadmium	106-1	2.88	2.49	2.28	2.55	11.97	ppb
Cadmium	111-1	0.84	0.79	0.80	0.81	3.49	ppb
Calcium	43-1	18861.86	19126.01	18967.05	18984.98	0.70	ppb
Calcium	44-1	18020.18	18519.48	18499.86	18346.51	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.97	44.81	45.04	44.94	0.26	ppb
Cobalt	59-2	37.33	37.72	37.75	37.60	0.63	ppb
Copper	63-2	99.47	99.58	99.93	99.66	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	95297.78	93600.04	93495.34	94131.06	1.07	ppb
Iron	57-2	94818.14	93250.89	93377.27	93815.43	0.93	ppb
Iron	54-2	94625.96	95101.70	94672.52	94800.06	0.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-01	Instrumnet Name :	P7
Client Sample ID :	MYCYZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:14:55	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.19	42.57	42.39	42.38	0.44	ppb
Lead	207-1	41.72	41.89	41.49	41.70	0.47	ppb
Lead	208-1	41.30	41.63	41.37	41.43	0.42	ppb
Lithium	6-1				103		%
Magnesium	24-2	16381.81	16467.35	16604.33	16484.50	0.68	ppb
Manganese	55-2	1647.80	1652.07	1621.65	1640.51	1.00	ppb
Molybdenum	94-1	18.41	18.57	18.53	18.50	0.45	ppb
Molybdenum	95-1	0.64	0.64	0.63	0.64	0.14	ppb
Molybdenum	96-1	3.09	3.05	3.01	3.05	1.32	ppb
Molybdenum	97-1	0.64	0.60	0.62	0.62	3.20	ppb
Molybdenum	98-1	0.63	0.60	0.66	0.63	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.36	44.58	44.57	44.50	0.27	ppb
Phosphorus	31-2	2860.49	2869.34	2846.32	2858.72	0.41	ppb
Potassium	39-2	7445.79	7482.88	7478.79	7469.15	0.27	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.76	0.79	1.04	0.86	17.58	ppb
Selenium	77-2	13.72	16.05	13.78	14.52	9.16	ppb
Selenium	78-2	2.33	3.08	1.95	2.45	23.52	ppb
Silicon	28-1	2852.04	2875.13	2870.90	2866.02	0.43	ppb
Silver	107-1	0.21	0.21	0.21	0.21	1.24	ppb
Silver	109-1	0.19	0.19	0.18	0.19	3.49	ppb
Sodium	23-2	173.85	173.27	175.16	174.10	0.56	ppb
Strontium	86-1	1409.34	1403.61	1415.56	1409.51	0.42	ppb
Strontium	88-1	1453.51	1463.47	1460.79	1459.26	0.35	ppb
Sulfur	34-1	-717.22	-697.02	-736.42	-716.88		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.25	0.23	0.23	0.23	5.09	ppb
Thallium	205-1	0.23	0.24	0.24	0.24	2.62	ppb
Tin	118-1	0.39	0.40	0.39	0.39	1.46	ppb
Titanium	47-1	521.37	535.52	529.65	528.84	1.34	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-01	Instrumnet Name :	P7
Client Sample ID :	MYCYZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:14:55	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.92	0.92	0.92	0.11	ppb
Vanadium	51-2	153.41	153.47	153.00	153.29	0.17	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	230.91	230.61	229.89	230.47	0.23	ppb
Zirconium	90-1	9.86	9.94	9.93	9.91	0.42	ppb
Zirconium	91-1	9.88	9.94	9.97	9.93	0.45	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ00	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:18:04	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38033.28	38158.87	38266.77	38152.97	0.31	ppb
Antimony	121-1	0.12	0.13	0.12	0.12	4.38	ppb
Arsenic	75-2	61.68	63.19	62.61	62.49	1.22	ppb
Barium	135-1	335.00	344.47	341.10	340.19	1.41	ppb
Barium	137-1	346.50	358.11	354.08	352.90	1.67	ppb
Beryllium	9-1	1.50	1.42	1.52	1.48	3.60	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.31	1.08	1.19	1.20	9.67	ppb
Cadmium	106-1	2.89	2.51	3.39	2.93	15.02	ppb
Cadmium	111-1	0.70	0.70	0.73	0.71	2.57	ppb
Calcium	43-1	19418.32	19851.84	19773.01	19681.05	1.17	ppb
Calcium	44-1	18688.81	18826.03	19002.60	18839.15	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.85	49.42	48.89	49.06	0.65	ppb
Cobalt	59-2	40.73	41.19	41.10	41.01	0.59	ppb
Copper	63-2	91.61	92.86	92.82	92.43	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	97904.25	98693.19	98310.59	98302.68	0.40	ppb
Iron	57-2	96670.20	98317.69	97850.66	97612.85	0.87	ppb
Iron	54-2	96439.68	98733.87	98356.63	97843.40	1.26	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ00	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:18:04	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.67	40.82	41.31	40.93	0.81	ppb
Lead	207-1	39.08	39.53	39.56	39.39	0.69	ppb
Lead	208-1	39.07	39.52	39.81	39.47	0.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	17564.82	17709.54	17808.73	17694.36	0.69	ppb
Manganese	55-2	1798.81	1809.34	1802.94	1803.70	0.29	ppb
Molybdenum	94-1	17.07	17.47	17.45	17.33	1.31	ppb
Molybdenum	95-1	0.51	0.50	0.51	0.51	1.64	ppb
Molybdenum	96-1	2.88	2.93	2.86	2.89	1.18	ppb
Molybdenum	97-1	0.51	0.47	0.49	0.49	3.71	ppb
Molybdenum	98-1	0.49	0.49	0.48	0.49	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.42	47.14	46.57	46.71	0.81	ppb
Phosphorus	31-2	3015.73	3129.83	3050.01	3065.19	1.91	ppb
Potassium	39-2	7989.80	7985.52	8002.87	7992.73	0.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.99	1.09	0.89	0.99	10.24	ppb
Selenium	77-2	15.28	15.11	15.04	15.14	0.82	ppb
Selenium	78-2	2.50	1.82	3.17	2.50	27.13	ppb
Silicon	28-1	2635.07	2668.19	2691.39	2664.88	1.06	ppb
Silver	107-1	0.14	0.16	0.14	0.15	4.94	ppb
Silver	109-1	0.11	0.11	0.11	0.11	1.82	ppb
Sodium	23-2	151.53	154.18	153.13	152.95	0.87	ppb
Strontium	86-1	1485.36	1513.28	1502.13	1500.26	0.94	ppb
Strontium	88-1	1513.20	1535.95	1534.89	1528.01	0.84	ppb
Sulfur	34-1	-885.27	-815.55	-784.94	-828.59		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.22	0.24	0.22	0.23	3.95	ppb
Thallium	205-1	0.25	0.24	0.24	0.24	0.92	ppb
Tin	118-1	0.36	0.38	0.36	0.37	4.33	ppb
Titanium	47-1	505.40	514.08	511.54	510.34	0.87	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ00	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:18:04	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.12	1.11	1.11	0.66	ppb
Vanadium	51-2	150.92	151.34	151.68	151.31	0.25	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	228.96	230.59	229.41	229.66	0.37	ppb
Zirconium	90-1	9.13	9.37	9.26	9.25	1.31	ppb
Zirconium	91-1	9.19	9.30	9.28	9.26	0.64	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ01	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:21:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35812.44	34999.03	35296.61	35369.36	1.16	ppb
Antimony	121-1	0.71	0.74	0.77	0.74	3.49	ppb
Arsenic	75-2	292.96	294.43	296.91	294.77	0.68	ppb
Barium	135-1	290.27	296.54	294.23	293.68	1.08	ppb
Barium	137-1	307.86	306.71	301.98	305.52	1.02	ppb
Beryllium	9-1	1.30	1.47	1.28	1.35	7.78	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.91	5.25	4.71	4.96	5.58	ppb
Cadmium	106-1	5.91	6.45	6.53	6.30	5.37	ppb
Cadmium	111-1	3.89	3.94	3.87	3.90	0.90	ppb
Calcium	43-1	15659.57	15605.06	15451.40	15572.01	0.69	ppb
Calcium	44-1	14904.74	14892.17	14808.80	14868.57	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.52	45.25	46.03	45.93	1.40	ppb
Cobalt	59-2	42.03	41.22	41.50	41.59	0.99	ppb
Copper	63-2	165.18	162.88	163.96	164.01	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	105289.35	104322.34	105997.35	105203.01	0.80	ppb
Iron	57-2	105603.67	103005.70	104434.58	104347.98	1.25	ppb
Iron	54-2	106980.29	104402.60	106547.42	105976.77	1.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ01	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:21:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	270.87	269.13	263.36	267.79	1.47	ppb
Lead	207-1	288.76	289.06	282.48	286.77	1.30	ppb
Lead	208-1	274.93	275.23	272.25	274.14	0.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	17818.98	17374.17	17557.99	17583.71	1.27	ppb
Manganese	55-2	1683.13	1649.44	1683.68	1672.08	1.17	ppb
Molybdenum	94-1	20.86	21.03	21.10	20.99	0.57	ppb
Molybdenum	95-1	0.96	0.95	0.97	0.96	0.96	ppb
Molybdenum	96-1	3.69	3.77	3.71	3.72	1.07	ppb
Molybdenum	97-1	0.98	0.96	0.97	0.97	0.87	ppb
Molybdenum	98-1	0.91	0.93	0.95	0.93	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.81	44.42	44.95	44.73	0.60	ppb
Phosphorus	31-2	3967.43	3820.02	3942.10	3909.85	2.02	ppb
Potassium	39-2	8522.94	8368.52	8482.97	8458.14	0.95	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	2.59	2.30	2.60	2.50	6.88	ppb
Selenium	77-2	17.26	16.20	15.79	16.42	4.62	ppb
Selenium	78-2	3.15	4.43	3.68	3.75	17.07	ppb
Silicon	28-1	2592.54	2607.60	2564.43	2588.19	0.85	ppb
Silver	107-1	1.22	1.26	1.24	1.24	1.58	ppb
Silver	109-1	1.22	1.25	1.26	1.24	1.39	ppb
Sodium	23-2	141.47	136.99	139.68	139.38	1.62	ppb
Strontium	86-1	1248.08	1250.58	1270.34	1256.33	0.97	ppb
Strontium	88-1	1279.37	1270.43	1282.93	1277.58	0.50	ppb
Sulfur	34-1	363.03	346.48	296.15	335.22	10.39	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.33	0.34	0.34	0.33	1.52	ppb
Thallium	205-1	0.34	0.34	0.33	0.34	0.92	ppb
Tin	118-1	0.79	0.81	0.79	0.80	1.47	ppb
Titanium	47-1	451.19	449.04	443.12	447.78	0.93	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ01	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:21:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.91	0.88	0.90	1.45	ppb
Vanadium	51-2	149.49	147.46	149.01	148.65	0.72	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	1019.20	1002.34	1019.82	1013.78	0.98	ppb
Zirconium	90-1	11.03	11.15	11.31	11.16	1.27	ppb
Zirconium	91-1	11.18	11.28	11.35	11.27	0.74	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:24:16	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37655.51	37474.84	37836.80	37655.72	0.48	ppb
Antimony	121-1	0.32	0.35	0.32	0.33	4.70	ppb
Arsenic	75-2	121.71	128.44	126.15	125.43	2.73	ppb
Barium	135-1	350.33	358.10	354.38	354.27	1.10	ppb
Barium	137-1	364.30	379.90	371.52	371.90	2.10	ppb
Beryllium	9-1	1.50	1.44	1.47	1.47	2.20	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.04	2.32	2.41	2.26	8.46	ppb
Cadmium	106-1	4.22	4.00	3.38	3.87	11.25	ppb
Cadmium	111-1	1.47	1.50	1.34	1.43	6.03	ppb
Calcium	43-1	16840.20	17059.71	16939.60	16946.51	0.65	ppb
Calcium	44-1	16184.44	16319.95	16183.26	16229.21	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.63	50.06	50.80	50.49	0.76	ppb
Cobalt	59-2	38.85	38.69	38.70	38.75	0.22	ppb
Copper	63-2	127.26	126.13	127.97	127.12	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	100909.48	99682.05	100890.89	100494.14	0.70	ppb
Iron	57-2	99125.63	97398.58	99253.39	98592.53	1.05	ppb
Iron	54-2	100242.47	99831.11	100950.08	100341.22	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:24:16	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.98	74.51	74.56	74.35	0.43	ppb
Lead	207-1	74.73	75.25	75.49	75.16	0.51	ppb
Lead	208-1	72.89	75.95	73.90	74.25	2.10	ppb
Lithium	6-1				104		%
Magnesium	24-2	17534.72	17316.21	17774.14	17541.69	1.31	ppb
Manganese	55-2	1862.47	1833.85	1846.29	1847.54	0.78	ppb
Molybdenum	94-1	22.48	22.26	22.29	22.34	0.53	ppb
Molybdenum	95-1	0.73	0.69	0.71	0.71	3.33	ppb
Molybdenum	96-1	3.56	3.55	3.55	3.55	0.27	ppb
Molybdenum	97-1	0.70	0.70	0.69	0.70	1.25	ppb
Molybdenum	98-1	0.65	0.66	0.66	0.66	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.52	46.39	47.18	47.03	1.23	ppb
Phosphorus	31-2	3373.27	3322.63	3320.72	3338.87	0.89	ppb
Potassium	39-2	9020.61	8993.69	9018.61	9010.97	0.17	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	1.26	1.26	1.34	1.29	3.58	ppb
Selenium	77-2	18.19	17.56	19.03	18.26	4.03	ppb
Selenium	78-2	2.10	2.35	2.36	2.27	6.52	ppb
Silicon	28-1	3370.48	3427.49	3376.75	3391.57	0.92	ppb
Silver	107-1	0.41	0.43	0.42	0.42	1.51	ppb
Silver	109-1	0.39	0.42	0.40	0.40	4.08	ppb
Sodium	23-2	129.35	130.61	131.61	130.52	0.87	ppb
Strontium	86-1	1316.01	1306.50	1293.75	1305.42	0.86	ppb
Strontium	88-1	1343.99	1320.61	1332.89	1332.50	0.88	ppb
Sulfur	34-1	-102.17	-34.39	-42.86	-59.81		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.28	0.29	0.27	0.28	3.91	ppb
Thallium	205-1	0.29	0.29	0.29	0.29	0.90	ppb
Tin	118-1	0.69	0.70	0.67	0.68	1.69	ppb
Titanium	47-1	526.52	535.89	529.21	530.54	0.91	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:24:16	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.94	0.93	0.93	0.92	ppb
Vanadium	51-2	161.88	160.82	161.96	161.55	0.39	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	384.19	383.44	386.32	384.65	0.39	ppb
Zirconium	90-1	12.08	12.04	11.87	12.00	0.94	ppb
Zirconium	91-1	12.29	12.15	12.04	12.16	1.04	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:27:22	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44077.81	43254.68	43498.38	43610.29	0.97	ppb
Antimony	121-1	0.17	0.17	0.17	0.17	2.73	ppb
Arsenic	75-2	108.71	105.78	109.18	107.89	1.71	ppb
Barium	135-1	359.56	361.53	365.20	362.09	0.79	ppb
Barium	137-1	377.36	383.02	376.31	378.89	0.95	ppb
Beryllium	9-1	1.60	1.51	1.57	1.56	2.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.40	2.52	2.90	2.60	10.09	ppb
Cadmium	106-1	5.43	4.38	4.54	4.79	11.79	ppb
Cadmium	111-1	1.45	1.42	1.36	1.41	3.07	ppb
Calcium	43-1	19077.02	19017.52	19157.61	19084.05	0.37	ppb
Calcium	44-1	18181.29	18227.10	18216.45	18208.28	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.58	60.73	61.22	61.18	0.70	ppb
Cobalt	59-2	45.63	44.73	45.02	45.12	1.02	ppb
Copper	63-2	119.96	117.89	119.35	119.06	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	115267.42	112813.47	114256.36	114112.42	1.08	ppb
Iron	57-2	114259.88	112395.40	113137.11	113264.13	0.83	ppb
Iron	54-2	115371.22	112317.48	114535.21	114074.64	1.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:27:22	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	74.25	73.62	75.28	74.38	1.13	ppb
Lead	207-1	75.77	74.95	77.27	76.00	1.55	ppb
Lead	208-1	76.37	75.62	77.61	76.54	1.31	ppb
Lithium	6-1				105		%
Magnesium	24-2	20751.61	20528.19	20515.42	20598.41	0.64	ppb
Manganese	55-2	1949.56	1919.34	1934.63	1934.51	0.78	ppb
Molybdenum	94-1	25.52	25.90	25.86	25.76	0.81	ppb
Molybdenum	95-1	0.84	0.77	0.75	0.79	5.52	ppb
Molybdenum	96-1	4.06	4.04	4.06	4.05	0.25	ppb
Molybdenum	97-1	0.80	0.80	0.80	0.80	0.30	ppb
Molybdenum	98-1	0.76	0.79	0.80	0.78	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.45	54.49	54.00	54.31	0.50	ppb
Phosphorus	31-2	3770.83	3690.78	3723.13	3728.25	1.08	ppb
Potassium	39-2	10018.56	9726.86	9848.41	9864.61	1.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1.39	1.32	1.16	1.29	9.03	ppb
Selenium	77-2	15.27	16.93	17.11	16.44	6.16	ppb
Selenium	78-2	1.80	2.99	2.27	2.35	25.47	ppb
Silicon	28-1	2258.42	2249.43	2287.93	2265.26	0.89	ppb
Silver	107-1	0.37	0.38	0.37	0.37	1.85	ppb
Silver	109-1	0.33	0.35	0.34	0.34	3.13	ppb
Sodium	23-2	180.46	180.13	180.91	180.50	0.22	ppb
Strontium	86-1	1507.60	1527.50	1535.12	1523.41	0.93	ppb
Strontium	88-1	1575.49	1566.73	1579.47	1573.90	0.41	ppb
Sulfur	34-1	-268.68	-209.42	-159.87	-212.66		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.31	0.30	0.30	0.31	0.81	ppb
Thallium	205-1	0.30	0.30	0.32	0.30	3.84	ppb
Tin	118-1	0.79	0.78	0.80	0.79	1.36	ppb
Titanium	47-1	615.79	623.70	623.72	621.07	0.74	ppb

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:27:22	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.01	1.01	1.01	0.37	ppb
Vanadium	51-2	186.12	182.81	183.21	184.04	0.98	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	406.75	400.26	403.08	403.37	0.81	ppb
Zirconium	90-1	13.45	13.81	13.69	13.65	1.35	ppb
Zirconium	91-1	13.96	13.76	13.80	13.84	0.77	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:30:29	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25395.06	25784.46	25775.03	25651.52	0.87	ppb
Antimony	121-1	0.08	0.06	0.06	0.07	18.01	ppb
Arsenic	75-2	47.79	48.22	47.40	47.80	0.85	ppb
Barium	135-1	254.01	255.71	257.32	255.68	0.65	ppb
Barium	137-1	267.93	265.18	270.06	267.72	0.91	ppb
Beryllium	9-1	1.21	1.29	1.19	1.23	4.59	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.39	1.46	1.38	1.41	3.26	ppb
Cadmium	106-1	3.45	2.85	2.99	3.10	10.16	ppb
Cadmium	111-1	0.60	0.58	0.57	0.58	2.72	ppb
Calcium	43-1	40879.95	41325.79	41385.10	41196.95	0.67	ppb
Calcium	44-1	40977.81	40736.23	40755.59	40823.21	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.67	41.54	41.68	41.63	0.19	ppb
Cobalt	59-2	28.77	28.94	29.10	28.94	0.57	ppb
Copper	63-2	60.83	60.63	60.74	60.73	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	71636.49	71856.99	71966.82	71820.10	0.23	ppb
Iron	57-2	70497.93	71458.35	71599.03	71185.10	0.84	ppb
Iron	54-2	71143.30	71743.52	72131.11	71672.64	0.69	ppb
Krypton	83-1						cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:30:29	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.55	31.56	31.73	31.61	0.32	ppb
Lead	207-1	30.39	30.57	30.39	30.45	0.35	ppb
Lead	208-1	30.52	30.70	30.60	30.61	0.30	ppb
Lithium	6-1				105		%
Magnesium	24-2	11691.13	11709.41	11938.50	11779.68	1.17	ppb
Manganese	55-2	1294.18	1289.03	1280.44	1287.89	0.54	ppb
Molybdenum	94-1	19.07	19.52	19.62	19.40	1.49	ppb
Molybdenum	95-1	0.47	0.47	0.46	0.47	1.06	ppb
Molybdenum	96-1	2.87	2.92	2.89	2.89	0.79	ppb
Molybdenum	97-1	0.43	0.46	0.43	0.44	3.50	ppb
Molybdenum	98-1	0.44	0.45	0.43	0.44	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.51	37.87	37.84	37.74	0.54	ppb
Phosphorus	31-2	2242.45	2260.82	2259.91	2254.39	0.46	ppb
Potassium	39-2	5600.99	5579.50	5661.79	5614.09	0.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.56	0.99	0.18	0.58	70.01	ppb
Selenium	77-2	9.95	12.08	10.12	10.72	11.03	ppb
Selenium	78-2	0.92	1.47	1.08	1.16	24.65	ppb
Silicon	28-1	1455.99	1472.73	1462.45	1463.72	0.58	ppb
Silver	107-1	0.08	0.08	0.08	0.08	3.51	ppb
Silver	109-1	0.06	0.05	0.06	0.05	6.47	ppb
Sodium	23-2	104.77	105.97	106.20	105.65	0.73	ppb
Strontium	86-1	1302.48	1326.77	1327.63	1318.96	1.08	ppb
Strontium	88-1	1359.98	1339.36	1332.53	1343.96	1.06	ppb
Sulfur	34-1	-601.97	-394.11	-357.02	-451.03		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.18	0.20	0.18	0.19	6.66	ppb
Thallium	205-1	0.20	0.19	0.21	0.20	3.49	ppb
Tin	118-1	0.38	0.41	0.41	0.40	3.99	ppb
Titanium	47-1	433.24	437.20	436.14	435.53	0.47	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:30:29	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.87	0.87	0.87	0.59	ppb
Vanadium	51-2	118.56	119.30	119.81	119.23	0.53	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	165.26	165.38	166.95	165.86	0.57	ppb
Zirconium	90-1	10.40	10.50	10.52	10.47	0.65	ppb
Zirconium	91-1	10.40	10.76	10.62	10.59	1.71	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:33:35	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40330.85	40312.51	40664.44	40435.94	0.49	ppb
Antimony	121-1	0.15	0.15	0.14	0.15	4.42	ppb
Arsenic	75-2	136.40	135.86	136.25	136.17	0.20	ppb
Barium	135-1	360.09	365.09	366.16	363.78	0.89	ppb
Barium	137-1	375.98	384.28	380.80	380.35	1.10	ppb
Beryllium	9-1	1.50	1.56	1.51	1.52	1.95	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.79	2.56	2.97	2.77	7.32	ppb
Cadmium	106-1	5.11	4.78	4.74	4.88	4.10	ppb
Cadmium	111-1	1.84	1.89	1.92	1.88	2.26	ppb
Calcium	43-1	19071.69	19543.03	19129.62	19248.11	1.34	ppb
Calcium	44-1	18313.49	18622.76	18572.19	18502.82	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.23	52.11	52.15	52.16	0.11	ppb
Cobalt	59-2	41.49	40.71	41.12	41.11	0.95	ppb
Copper	63-2	115.73	115.36	115.16	115.42	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	94604.30	94237.48	94239.23	94360.34	0.22	ppb
Iron	57-2	93375.54	92371.89	93440.73	93062.72	0.64	ppb
Iron	54-2	95505.89	95038.89	94087.94	94877.58	0.76	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:33:35	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	95.98	97.97	98.25	97.40	1.28	ppb
Lead	207-1	99.71	102.02	101.12	100.95	1.16	ppb
Lead	208-1	100.85	102.32	101.19	101.46	0.76	ppb
Lithium	6-1				104		%
Magnesium	24-2	18402.33	18294.87	18518.07	18405.09	0.61	ppb
Manganese	55-2	1777.97	1766.00	1761.24	1768.40	0.49	ppb
Molybdenum	94-1	23.37	24.03	23.90	23.77	1.47	ppb
Molybdenum	95-1	0.56	0.56	0.56	0.56	0.41	ppb
Molybdenum	96-1	3.57	3.55	3.59	3.57	0.55	ppb
Molybdenum	97-1	0.50	0.57	0.54	0.54	6.48	ppb
Molybdenum	98-1	0.53	0.55	0.54	0.54	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.11	49.26	48.59	48.99	0.71	ppb
Phosphorus	31-2	3070.62	3078.20	3125.69	3091.50	0.97	ppb
Potassium	39-2	8411.77	8331.04	8445.03	8395.94	0.70	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	1.32	1.02	1.27	1.21	13.28	ppb
Selenium	77-2	15.11	14.31	16.22	15.21	6.33	ppb
Selenium	78-2	3.04	3.30	2.99	3.11	5.23	ppb
Silicon	28-1	2184.91	2341.71	2204.77	2243.80	3.80	ppb
Silver	107-1	0.47	0.50	0.50	0.49	3.33	ppb
Silver	109-1	0.47	0.48	0.49	0.48	1.99	ppb
Sodium	23-2	147.35	148.02	149.49	148.29	0.74	ppb
Strontium	86-1	1426.46	1454.65	1445.42	1442.17	1.00	ppb
Strontium	88-1	1469.59	1472.72	1477.98	1473.43	0.29	ppb
Sulfur	34-1	716.10	795.40	659.60	723.70	9.43	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.28	0.27	0.27	3.40	ppb
Thallium	205-1	0.26	0.28	0.28	0.27	4.16	ppb
Tin	118-1	0.70	0.70	0.72	0.71	1.39	ppb
Titanium	47-1	356.79	367.40	361.58	361.92	1.47	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:33:35	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.92	0.91	0.91	1.14	ppb
Vanadium	51-2	140.81	141.51	141.44	141.25	0.27	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	464.23	465.16	465.63	465.01	0.15	ppb
Zirconium	90-1	12.67	12.83	12.89	12.80	0.89	ppb
Zirconium	91-1	12.71	12.98	13.02	12.90	1.27	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:36:42	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20436.70	20521.48	20049.57	20335.92	1.24	ppb
Antimony	121-1	0.08	0.09	0.08	0.08	3.78	ppb
Arsenic	75-2	41.11	38.58	40.31	40.00	3.23	ppb
Barium	135-1	212.60	216.25	217.66	215.50	1.21	ppb
Barium	137-1	213.78	218.14	217.94	216.62	1.14	ppb
Beryllium	9-1	1.03	0.99	1.00	1.01	1.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.51	0.54	0.71	0.59	18.84	ppb
Cadmium	106-1	1.57	1.15	1.25	1.32	16.79	ppb
Cadmium	111-1	0.33	0.31	0.30	0.31	5.31	ppb
Calcium	43-1	30261.16	30028.83	30433.53	30241.18	0.67	ppb
Calcium	44-1	28912.41	29067.68	29066.08	29015.39	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.97	32.62	32.23	32.60	1.14	ppb
Cobalt	59-2	30.67	30.84	30.91	30.81	0.41	ppb
Copper	63-2	54.46	53.86	54.26	54.19	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	69479.67	70188.15	69330.11	69665.98	0.66	ppb
Iron	57-2	68209.36	68262.99	68869.67	68447.34	0.54	ppb
Iron	54-2	70513.22	69917.98	69397.80	69943.00	0.80	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:36:42	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.02	25.60	25.78	25.47	1.56	ppb
Lead	207-1	23.29	23.80	23.84	23.64	1.29	ppb
Lead	208-1	23.74	24.27	24.27	24.09	1.28	ppb
Lithium	6-1				103		%
Magnesium	24-2	11441.31	11324.39	11445.71	11403.81	0.60	ppb
Manganese	55-2	1177.90	1175.93	1165.27	1173.03	0.58	ppb
Molybdenum	94-1	8.81	8.90	8.85	8.85	0.50	ppb
Molybdenum	95-1	0.39	0.41	0.42	0.41	3.38	ppb
Molybdenum	96-1	1.65	1.71	1.71	1.69	2.13	ppb
Molybdenum	97-1	0.43	0.39	0.41	0.41	5.15	ppb
Molybdenum	98-1	0.37	0.41	0.41	0.40	5.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.16	39.18	38.67	39.01	0.75	ppb
Phosphorus	31-2	2017.87	1984.58	1980.49	1994.31	1.03	ppb
Potassium	39-2	3930.76	4006.26	3895.35	3944.13	1.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.60	0.93	0.47	0.67	35.25	ppb
Selenium	77-2	11.55	11.53	12.53	11.87	4.81	ppb
Selenium	78-2	2.84	1.21	1.34	1.80	50.50	ppb
Silicon	28-1	1501.14	1487.40	1522.67	1503.74	1.18	ppb
Silver	107-1	0.02	0.03	0.02	0.02	9.50	ppb
Silver	109-1	0.01	0.01	0.00	0.01	58.06	ppb
Sodium	23-2	101.02	100.94	101.15	101.03	0.11	ppb
Strontium	86-1	1020.43	1023.65	1030.27	1024.78	0.49	ppb
Strontium	88-1	1045.61	1048.00	1069.29	1054.30	1.24	ppb
Sulfur	34-1	-828.71	-733.58	-661.47	-741.25		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.14	0.14	0.14	3.24	ppb
Thallium	205-1	0.14	0.14	0.15	0.14	1.94	ppb
Tin	118-1	0.17	0.19	0.18	0.18	7.54	ppb
Titanium	47-1	386.03	382.82	388.48	385.78	0.74	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:36:42	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.71	0.70	0.71	0.71	1.20	ppb
Vanadium	51-2	114.16	114.69	113.22	114.02	0.65	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	132.28	130.07	130.27	130.87	0.93	ppb
Zirconium	90-1	4.62	4.68	4.71	4.67	1.00	ppb
Zirconium	91-1	4.62	4.78	4.78	4.73	2.00	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:39:49	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40846.62	40838.61	40981.74	40888.99	0.20	ppb
Antimony	121-1	0.19	0.18	0.19	0.19	1.26	ppb
Arsenic	75-2	122.08	118.92	118.73	119.91	1.57	ppb
Barium	135-1	383.81	393.00	396.80	391.20	1.71	ppb
Barium	137-1	404.60	416.46	411.99	411.02	1.46	ppb
Beryllium	9-1	1.42	1.32	1.43	1.39	4.23	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.89	2.84	2.55	2.76	6.68	ppb
Cadmium	106-1	4.13	4.12	5.41	4.55	16.26	ppb
Cadmium	111-1	1.68	1.73	1.90	1.77	6.65	ppb
Calcium	43-1	22189.37	22962.20	23006.22	22719.26	2.02	ppb
Calcium	44-1	21395.83	22119.47	22138.05	21884.45	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.04	48.04	47.64	47.91	0.48	ppb
Cobalt	59-2	36.63	36.83	36.51	36.65	0.44	ppb
Copper	63-2	110.75	112.61	111.75	111.70	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	89560.28	88741.90	88967.93	89090.04	0.47	ppb
Iron	57-2	87794.88	88478.91	88503.80	88259.20	0.46	ppb
Iron	54-2	88658.24	89808.85	89725.82	89397.64	0.72	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:39:49	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	97.14	100.84	101.15	99.71	2.24	ppb
Lead	207-1	101.32	104.31	104.94	103.52	1.87	ppb
Lead	208-1	102.31	104.54	106.16	104.34	1.85	ppb
Lithium	6-1				104		%
Magnesium	24-2	18337.78	18256.53	18443.06	18345.79	0.51	ppb
Manganese	55-2	1884.46	1846.68	1876.01	1869.05	1.06	ppb
Molybdenum	94-1	26.54	27.98	27.84	27.45	2.90	ppb
Molybdenum	95-1	0.55	0.56	0.58	0.56	2.99	ppb
Molybdenum	96-1	3.86	3.94	4.01	3.94	1.99	ppb
Molybdenum	97-1	0.54	0.56	0.55	0.55	2.42	ppb
Molybdenum	98-1	0.52	0.56	0.55	0.54	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.10	45.57	45.07	45.25	0.63	ppb
Phosphorus	31-2	3144.95	3253.64	3178.20	3192.26	1.74	ppb
Potassium	39-2	9023.60	9026.33	8999.27	9016.40	0.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	1.33	1.31	1.18	1.27	6.51	ppb
Selenium	77-2	16.59	14.63	16.37	15.86	6.77	ppb
Selenium	78-2	4.39	2.83	2.38	3.20	33.07	ppb
Silicon	28-1	2482.42	2573.51	2574.39	2543.44	2.08	ppb
Silver	107-1	0.49	0.51	0.52	0.51	2.52	ppb
Silver	109-1	0.46	0.49	0.49	0.48	4.07	ppb
Sodium	23-2	126.63	128.37	127.63	127.54	0.68	ppb
Strontium	86-1	1739.89	1789.92	1801.53	1777.11	1.84	ppb
Strontium	88-1	1738.53	1849.58	1833.16	1807.09	3.32	ppb
Sulfur	34-1	464.88	577.65	581.82	541.45	12.25	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.24	0.25	0.25	0.25	0.80	ppb
Thallium	205-1	0.24	0.26	0.25	0.25	4.15	ppb
Tin	118-1	0.61	0.65	0.64	0.64	3.27	ppb
Titanium	47-1	266.82	278.48	279.15	274.82	2.52	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:39:49	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.86	0.87	0.85	2.24	ppb
Vanadium	51-2	133.02	134.46	133.92	133.80	0.54	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	458.20	463.30	458.99	460.16	0.60	ppb
Zirconium	90-1	14.48	15.09	14.95	14.84	2.15	ppb
Zirconium	91-1	14.65	15.11	15.24	15.00	2.08	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:42:56	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36776.96	36829.72	37052.06	36886.25	0.40	ppb
Antimony	121-1	0.18	0.19	0.18	0.18	3.39	ppb
Arsenic	75-2	139.54	141.20	142.28	141.01	0.98	ppb
Barium	135-1	325.79	347.21	345.61	339.54	3.51	ppb
Barium	137-1	337.42	362.57	361.78	353.92	4.04	ppb
Beryllium	9-1	1.17	1.36	1.37	1.30	8.71	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.25	3.27	3.43	3.32	2.91	ppb
Cadmium	106-1	5.03	5.09	5.59	5.24	5.82	ppb
Cadmium	111-1	2.52	2.67	2.58	2.59	2.86	ppb
Calcium	43-1	18193.63	19234.14	19049.24	18825.67	2.95	ppb
Calcium	44-1	17390.18	18723.51	18273.93	18129.21	3.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.59	49.82	49.96	50.12	0.82	ppb
Cobalt	59-2	35.17	35.15	35.13	35.15	0.05	ppb
Copper	63-2	120.35	120.34	120.56	120.41	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	78839.81	79097.52	79140.85	79026.06	0.21	ppb
Iron	57-2	78114.35	78729.03	78249.36	78364.25	0.41	ppb
Iron	54-2	79506.67	79382.75	80298.92	79729.45	0.62	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:42:56	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.08	129.04	128.91	127.01	2.68	ppb
Lead	207-1	128.26	135.94	134.72	132.97	3.10	ppb
Lead	208-1	129.92	135.90	135.10	133.64	2.43	ppb
Lithium	6-1				108		%
Magnesium	24-2	16178.23	16259.04	16260.95	16232.74	0.29	ppb
Manganese	55-2	1824.74	1830.92	1838.10	1831.25	0.36	ppb
Molybdenum	94-1	21.50	22.80	22.32	22.21	2.95	ppb
Molybdenum	95-1	0.47	0.60	0.48	0.52	14.13	ppb
Molybdenum	96-1	3.06	3.40	3.27	3.24	5.32	ppb
Molybdenum	97-1	0.43	0.58	0.48	0.49	14.89	ppb
Molybdenum	98-1	0.45	0.51	0.46	0.47	7.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.02	43.08	44.00	43.37	1.27	ppb
Phosphorus	31-2	2728.34	2726.13	2738.93	2731.13	0.25	ppb
Potassium	39-2	8767.26	8807.15	8829.59	8801.33	0.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	1.42	1.48	1.17	1.36	12.33	ppb
Selenium	77-2	14.76	14.86	17.14	15.59	8.65	ppb
Selenium	78-2	1.66	3.22	3.74	2.87	37.76	ppb
Silicon	28-1	1719.38	1827.25	1812.71	1786.45	3.28	ppb
Silver	107-1	0.54	0.59	0.58	0.57	4.83	ppb
Silver	109-1	0.53	0.56	0.55	0.55	3.31	ppb
Sodium	23-2	111.18	112.35	113.52	112.35	1.04	ppb
Strontium	86-1	1419.77	1500.48	1494.70	1471.65	3.06	ppb
Strontium	88-1	1442.78	1526.75	1540.81	1503.45	3.53	ppb
Sulfur	34-1	558.59	831.02	789.62	726.41	20.21	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.21	0.22	0.25	0.23	9.41	ppb
Thallium	205-1	0.23	0.24	0.24	0.23	3.38	ppb
Tin	118-1	0.51	0.55	0.57	0.54	5.71	ppb
Titanium	47-1	209.43	221.66	219.65	216.91	3.02	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:42:56	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.86	0.87	0.85	2.64	ppb
Vanadium	51-2	108.04	108.50	109.34	108.63	0.61	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	585.63	587.33	588.03	586.99	0.21	ppb
Zirconium	90-1	11.57	12.23	12.20	12.00	3.14	ppb
Zirconium	91-1	11.77	12.30	12.12	12.07	2.21	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ09	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:46:01	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33007.05	33402.08	33653.43	33354.19	0.98	ppb
Antimony	121-1	0.16	0.17	0.17	0.17	2.98	ppb
Arsenic	75-2	151.69	153.21	153.62	152.84	0.66	ppb
Barium	135-1	285.57	285.95	283.45	284.99	0.47	ppb
Barium	137-1	301.35	298.05	299.00	299.47	0.57	ppb
Beryllium	9-1	1.31	1.35	1.38	1.35	2.71	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.58	2.22	2.47	2.42	7.67	ppb
Cadmium	106-1	3.78	4.47	4.62	4.29	10.46	ppb
Cadmium	111-1	1.95	2.00	1.99	1.98	1.59	ppb
Calcium	43-1	12721.53	12833.53	12849.15	12801.40	0.54	ppb
Calcium	44-1	12293.96	12318.46	12288.85	12300.42	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.15	46.86	46.95	46.65	0.94	ppb
Cobalt	59-2	49.63	50.37	50.27	50.09	0.81	ppb
Copper	63-2	134.07	133.75	134.64	134.15	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	103977.70	103463.53	104065.31	103835.51	0.31	ppb
Iron	57-2	103144.79	103088.00	104276.52	103503.10	0.65	ppb
Iron	54-2	103845.06	103739.12	104289.27	103957.82	0.28	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ09	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:46:01	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.90	95.35	94.84	95.03	0.29	ppb
Lead	207-1	97.69	98.44	98.49	98.21	0.46	ppb
Lead	208-1	98.29	98.77	98.15	98.40	0.34	ppb
Lithium	6-1				105		%
Magnesium	24-2	14594.11	14460.70	14792.57	14615.79	1.14	ppb
Manganese	55-2	1802.82	1806.73	1820.84	1810.13	0.52	ppb
Molybdenum	94-1	18.96	19.07	18.98	19.00	0.30	ppb
Molybdenum	95-1	0.99	1.01	0.98	0.99	1.60	ppb
Molybdenum	96-1	3.54	3.46	3.49	3.49	1.10	ppb
Molybdenum	97-1	0.98	0.92	0.97	0.96	3.20	ppb
Molybdenum	98-1	0.97	0.96	1.00	0.98	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.14	41.54	41.09	41.26	0.59	ppb
Phosphorus	31-2	2760.90	2783.78	2775.99	2773.56	0.42	ppb
Potassium	39-2	7588.18	7630.15	7629.46	7615.93	0.32	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	1.22	1.04	1.83	1.36	30.13	ppb
Selenium	77-2	14.91	14.96	13.91	14.59	4.05	ppb
Selenium	78-2	1.89	2.95	3.06	2.63	24.57	ppb
Silicon	28-1	1670.47	1705.44	1725.00	1700.30	1.62	ppb
Silver	107-1	0.49	0.48	0.48	0.48	1.02	ppb
Silver	109-1	0.48	0.47	0.46	0.47	2.07	ppb
Sodium	23-2	116.23	118.42	118.57	117.74	1.11	ppb
Strontium	86-1	1296.68	1312.39	1323.88	1310.98	1.04	ppb
Strontium	88-1	1334.88	1359.44	1330.99	1341.77	1.15	ppb
Sulfur	34-1	-547.54	-428.75	-347.71	-441.33		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.27	0.26	0.26	3.81	ppb
Thallium	205-1	0.26	0.25	0.26	0.25	1.23	ppb
Tin	118-1	0.69	0.71	0.68	0.69	1.86	ppb
Titanium	47-1	599.82	614.17	609.57	607.85	1.21	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ09	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:46:01	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.97	0.96	0.96	0.76	ppb
Vanadium	51-2	179.55	179.95	180.38	179.96	0.23	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	491.20	494.52	496.27	494.00	0.52	ppb
Zirconium	90-1	9.82	9.97	10.08	9.95	1.31	ppb
Zirconium	91-1	10.12	9.99	10.25	10.12	1.28	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ10	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:49:08	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35759.20	35611.51	35627.23	35665.98	0.23	ppb
Antimony	121-1	0.14	0.13	0.14	0.14	1.29	ppb
Arsenic	75-2	48.42	47.69	47.15	47.75	1.33	ppb
Barium	135-1	272.99	271.54	271.62	272.05	0.30	ppb
Barium	137-1	286.12	285.75	283.50	285.12	0.50	ppb
Beryllium	9-1	1.08	1.20	1.07	1.12	6.76	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.06	0.90	0.96	0.97	8.65	ppb
Cadmium	106-1	2.64	1.91	2.09	2.21	17.09	ppb
Cadmium	111-1	0.41	0.35	0.34	0.37	9.84	ppb
Calcium	43-1	17640.80	17863.02	17847.58	17783.80	0.70	ppb
Calcium	44-1	16945.98	17158.22	17014.03	17039.41	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.71	53.31	53.29	53.44	0.44	ppb
Cobalt	59-2	40.22	39.54	40.03	39.93	0.88	ppb
Copper	63-2	83.68	83.04	83.51	83.41	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	90549.79	89769.20	89742.54	90020.51	0.51	ppb
Iron	57-2	89127.31	89537.62	89696.32	89453.75	0.33	ppb
Iron	54-2	91339.88	90241.06	89997.35	90526.09	0.79	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ10	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:49:08	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.05	19.19	18.84	19.03	0.93	ppb
Lead	207-1	17.59	17.68	17.51	17.59	0.48	ppb
Lead	208-1	17.79	17.89	17.77	17.82	0.36	ppb
Lithium	6-1				105		%
Magnesium	24-2	17220.50	17354.06	17421.00	17331.85	0.59	ppb
Manganese	55-2	1485.62	1479.29	1475.54	1480.15	0.34	ppb
Molybdenum	94-1	13.78	13.41	13.60	13.60	1.36	ppb
Molybdenum	95-1	0.54	0.52	0.54	0.53	1.72	ppb
Molybdenum	96-1	2.51	2.50	2.46	2.49	0.99	ppb
Molybdenum	97-1	0.54	0.53	0.54	0.54	0.72	ppb
Molybdenum	98-1	0.53	0.52	0.51	0.52	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.06	45.16	44.95	45.06	0.24	ppb
Phosphorus	31-2	2196.58	2267.67	2253.56	2239.27	1.68	ppb
Potassium	39-2	2420.34	2408.45	2402.18	2410.32	0.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	1.09	0.35	0.30	0.58	76.64	ppb
Selenium	77-2	16.85	13.62	12.61	14.36	15.43	ppb
Selenium	78-2	2.08	2.68	2.05	2.27	15.61	ppb
Silicon	28-1	2764.73	2810.53	2807.51	2794.26	0.92	ppb
Silver	107-1	0.08	0.07	0.07	0.07	5.42	ppb
Silver	109-1	0.04	0.05	0.05	0.05	10.30	ppb
Sodium	23-2	233.64	233.61	238.16	235.14	1.11	ppb
Strontium	86-1	1629.75	1598.01	1603.49	1610.42	1.05	ppb
Strontium	88-1	1640.46	1666.42	1645.53	1650.80	0.83	ppb
Sulfur	34-1	-994.98	-1030.54	-991.66	-1005.73		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.14	0.14	0.16	0.15	7.50	ppb
Thallium	205-1	0.16	0.15	0.16	0.16	5.87	ppb
Tin	118-1	0.40	0.35	0.37	0.37	6.88	ppb
Titanium	47-1	574.11	574.62	578.64	575.79	0.43	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ10	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:49:08	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.74	0.73	0.73	1.33	ppb
Vanadium	51-2	159.30	157.49	157.01	157.93	0.77	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	148.84	148.10	146.34	147.76	0.87	ppb
Zirconium	90-1	7.25	7.18	7.16	7.20	0.62	ppb
Zirconium	91-1	7.33	7.32	7.28	7.31	0.36	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ11	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:52:16	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28725.08	28989.37	28899.16	28871.20	0.47	ppb
Antimony	121-1	0.08	0.09	0.08	0.08	8.56	ppb
Arsenic	75-2	52.39	52.65	52.31	52.45	0.34	ppb
Barium	135-1	261.94	261.96	261.45	261.78	0.11	ppb
Barium	137-1	271.69	271.30	274.33	272.44	0.61	ppb
Beryllium	9-1	0.95	0.87	0.93	0.91	4.66	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.26	1.14	1.06	1.15	8.75	ppb
Cadmium	106-1	2.30	2.25	2.31	2.29	1.55	ppb
Cadmium	111-1	0.38	0.37	0.38	0.38	1.97	ppb
Calcium	43-1	21248.03	21716.72	21729.85	21564.87	1.27	ppb
Calcium	44-1	20613.06	20802.65	20769.58	20728.43	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78.40	78.58	78.48	78.48	0.11	ppb
Cobalt	59-2	40.75	40.88	40.64	40.76	0.29	ppb
Copper	63-2	74.83	75.82	75.81	75.48	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	83178.88	83845.95	83141.90	83388.91	0.48	ppb
Iron	57-2	82867.71	83034.48	82534.82	82812.34	0.31	ppb
Iron	54-2	83779.84	85085.58	82644.48	83836.63	1.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ11	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:52:16	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.32	18.44	18.52	18.43	0.56	ppb
Lead	207-1	17.02	17.17	17.10	17.10	0.44	ppb
Lead	208-1	17.33	17.37	17.36	17.35	0.12	ppb
Lithium	6-1				105		%
Magnesium	24-2	16747.09	16748.43	16825.75	16773.76	0.27	ppb
Manganese	55-2	1353.15	1358.10	1342.34	1351.20	0.60	ppb
Molybdenum	94-1	15.15	15.35	15.27	15.26	0.67	ppb
Molybdenum	95-1	0.65	0.72	0.65	0.68	6.08	ppb
Molybdenum	96-1	2.74	2.76	2.73	2.74	0.58	ppb
Molybdenum	97-1	0.63	0.62	0.69	0.65	6.16	ppb
Molybdenum	98-1	0.67	0.66	0.67	0.67	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.09	56.79	55.94	56.27	0.81	ppb
Phosphorus	31-2	2083.63	2038.32	2038.61	2053.52	1.27	ppb
Potassium	39-2	2230.68	2254.63	2272.65	2252.65	0.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.73	0.46	0.60	0.60	22.39	ppb
Selenium	77-2	12.06	11.56	12.47	12.03	3.78	ppb
Selenium	78-2	1.81	0.72	2.07	1.53	46.53	ppb
Silicon	28-1	1650.38	1703.65	1757.69	1703.90	3.15	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.32	ppb
Silver	109-1	0.03	0.03	0.03	0.03	6.80	ppb
Sodium	23-2	168.90	170.31	171.02	170.07	0.63	ppb
Strontium	86-1	1457.27	1498.65	1471.31	1475.74	1.43	ppb
Strontium	88-1	1496.14	1518.96	1498.48	1504.53	0.83	ppb
Sulfur	34-1	-731.10	-642.86	-563.27	-645.74		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.14	0.13	0.13	5.86	ppb
Thallium	205-1	0.14	0.15	0.15	0.15	4.33	ppb
Tin	118-1	0.40	0.40	0.43	0.41	4.86	ppb
Titanium	47-1	421.55	432.26	432.76	428.86	1.48	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ11	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:52:16	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.67	0.66	0.67	1.20	ppb
Vanadium	51-2	151.31	154.03	152.27	152.54	0.90	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	146.63	147.64	147.57	147.28	0.38	ppb
Zirconium	90-1	8.00	8.13	8.14	8.09	0.95	ppb
Zirconium	91-1	8.18	8.27	8.07	8.17	1.20	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ12	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:55:26	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44078.72	44408.07	44335.81	44274.20	0.39	ppb
Antimony	121-1	0.02	0.02	0.03	0.03	20.43	ppb
Arsenic	75-2	53.56	53.69	52.86	53.37	0.84	ppb
Barium	135-1	398.23	399.20	405.32	400.92	0.96	ppb
Barium	137-1	416.54	413.29	427.93	419.25	1.83	ppb
Beryllium	9-1	1.48	1.64	1.64	1.58	5.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.33	1.98	1.69	1.66	19.39	ppb
Cadmium	106-1	5.15	4.39	4.17	4.57	11.28	ppb
Cadmium	111-1	0.73	0.65	0.65	0.68	6.47	ppb
Calcium	43-1	19417.98	19929.89	19821.81	19723.22	1.37	ppb
Calcium	44-1	18788.41	19161.78	19088.48	19012.89	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.52	65.50	64.72	64.92	0.80	ppb
Cobalt	59-2	42.05	42.86	42.12	42.34	1.06	ppb
Copper	63-2	94.51	95.58	94.39	94.83	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	99227.71	100218.39	99378.29	99608.13	0.54	ppb
Iron	57-2	99467.69	99816.34	99049.23	99444.42	0.39	ppb
Iron	54-2	99709.47	99920.47	100021.41	99883.78	0.16	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ12	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:55:26	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.51	26.62	26.64	26.59	0.28	ppb
Lead	207-1	24.64	24.46	24.66	24.59	0.44	ppb
Lead	208-1	24.86	24.94	25.05	24.95	0.38	ppb
Lithium	6-1				105		%
Magnesium	24-2	21817.90	22154.07	21842.72	21938.23	0.85	ppb
Manganese	55-2	1966.83	1990.47	1983.21	1980.17	0.61	ppb
Molybdenum	94-1	24.93	24.94	25.06	24.98	0.29	ppb
Molybdenum	95-1	0.52	0.48	0.52	0.51	5.07	ppb
Molybdenum	96-1	3.69	3.68	3.66	3.68	0.47	ppb
Molybdenum	97-1	0.52	0.51	0.52	0.52	1.69	ppb
Molybdenum	98-1	0.52	0.53	0.51	0.52	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.38	54.48	53.79	54.21	0.69	ppb
Phosphorus	31-2	2683.26	2767.51	2757.42	2736.06	1.68	ppb
Potassium	39-2	6368.54	6378.77	6375.81	6374.38	0.08	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.83	0.61	0.73	0.72	15.01	ppb
Selenium	77-2	18.42	18.66	19.10	18.73	1.85	ppb
Selenium	78-2	1.88	3.49	3.29	2.89	30.37	ppb
Silicon	28-1	916.21	940.64	939.42	932.09	1.48	ppb
Silver	107-1	0.11	0.10	0.11	0.11	5.67	ppb
Silver	109-1	0.08	0.08	0.07	0.08	9.44	ppb
Sodium	23-2	150.92	152.17	151.61	151.57	0.41	ppb
Strontium	86-1	2170.84	2163.14	2174.56	2169.52	0.27	ppb
Strontium	88-1	2196.48	2234.35	2235.67	2222.17	1.00	ppb
Sulfur	34-1	-786.00	-702.93	-737.35	-742.09		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.24	0.24	0.27	0.25	5.99	ppb
Thallium	205-1	0.24	0.26	0.24	0.25	3.34	ppb
Tin	118-1	0.62	0.59	0.65	0.62	4.97	ppb
Titanium	47-1	248.63	252.74	251.82	251.06	0.86	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ12	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:55:26	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.90	0.91	0.91	1.25	ppb
Vanadium	51-2	153.16	155.45	153.63	154.08	0.78	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	202.12	203.84	201.94	202.63	0.52	ppb
Zirconium	90-1	13.49	13.46	13.46	13.47	0.11	ppb
Zirconium	91-1	13.48	13.28	13.75	13.50	1.75	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ13	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:58:32	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21908.07	21909.44	22157.53	21991.68	0.65	ppb
Antimony	121-1	0.38	0.42	0.40	0.40	4.25	ppb
Arsenic	75-2	48.14	47.22	48.96	48.11	1.81	ppb
Barium	135-1	143.35	146.93	147.83	146.04	1.62	ppb
Barium	137-1	144.44	147.03	148.71	146.73	1.47	ppb
Beryllium	9-1	0.71	0.70	0.72	0.71	0.87	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.62	0.73	0.56	0.64	13.09	ppb
Cadmium	106-1	1.67	1.21	0.48	1.12	53.79	ppb
Cadmium	111-1	0.26	0.22	0.18	0.22	20.06	ppb
Calcium	43-1	14689.91	15144.84	15394.64	15076.46	2.37	ppb
Calcium	44-1	14307.66	14522.87	14852.39	14560.97	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.66	63.26	63.52	63.48	0.32	ppb
Cobalt	59-2	32.31	32.12	32.40	32.28	0.44	ppb
Copper	63-2	75.98	76.08	76.91	76.32	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	77978.60	78182.37	78058.15	78073.04	0.13	ppb
Iron	57-2	76943.91	77582.06	77011.38	77179.11	0.45	ppb
Iron	54-2	78634.36	78242.65	77697.63	78191.55	0.60	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ13	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:58:32	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.21	13.70	13.65	13.52	1.99	ppb
Lead	207-1	12.02	12.39	12.48	12.29	1.97	ppb
Lead	208-1	12.26	12.69	12.68	12.55	1.94	ppb
Lithium	6-1				104		%
Magnesium	24-2	13933.54	13951.19	13993.37	13959.37	0.22	ppb
Manganese	55-2	838.71	843.57	836.82	839.70	0.41	ppb
Molybdenum	94-1	8.26	8.26	8.23	8.25	0.25	ppb
Molybdenum	95-1	0.81	0.83	0.84	0.82	2.08	ppb
Molybdenum	96-1	2.14	2.18	2.06	2.13	2.86	ppb
Molybdenum	97-1	0.82	0.79	0.81	0.81	2.44	ppb
Molybdenum	98-1	0.82	0.82	0.82	0.82	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.84	52.46	53.17	52.82	0.67	ppb
Phosphorus	31-2	1743.07	1753.34	1808.29	1768.23	1.98	ppb
Potassium	39-2	1728.71	1730.32	1744.16	1734.40	0.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.56	0.27	0.42	0.42	33.74	ppb
Selenium	77-2	9.69	10.29	8.04	9.34	12.50	ppb
Selenium	78-2	2.26	0.75	0.90	1.30	63.94	ppb
Silicon	28-1	1832.85	1880.70	1929.59	1881.05	2.57	ppb
Silver	107-1	0.03	0.04	0.03	0.04	9.62	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.68	ppb
Sodium	23-2	251.04	252.56	254.33	252.64	0.65	ppb
Strontium	86-1	1150.37	1146.77	1180.07	1159.07	1.58	ppb
Strontium	88-1	1188.31	1195.87	1203.67	1195.95	0.64	ppb
Sulfur	34-1	-801.96	-686.60	-625.67	-704.74		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.08	0.09	0.08	7.84	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	0.90	ppb
Tin	118-1	0.26	0.29	0.27	0.27	4.24	ppb
Titanium	47-1	789.35	807.98	800.26	799.19	1.17	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ13	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:58:32	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.62	0.64	0.62	2.39	ppb
Vanadium	51-2	154.60	154.25	154.94	154.59	0.22	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	118.55	116.83	118.62	118.00	0.86	ppb
Zirconium	90-1	4.11	4.11	4.16	4.13	0.70	ppb
Zirconium	91-1	4.13	4.22	4.18	4.18	1.15	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ14	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:01:41	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36779.45	36910.76	36566.69	36752.30	0.47	ppb
Antimony	121-1	0.33	0.31	0.31	0.32	3.83	ppb
Arsenic	75-2	206.81	205.10	206.26	206.06	0.42	ppb
Barium	135-1	315.91	312.34	316.89	315.05	0.76	ppb
Barium	137-1	324.29	329.26	329.31	327.62	0.88	ppb
Beryllium	9-1	1.38	1.44	1.46	1.43	3.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.82	3.88	4.08	3.93	3.40	ppb
Cadmium	106-1	5.80	5.40	5.21	5.47	5.48	ppb
Cadmium	111-1	3.08	3.06	3.00	3.05	1.33	ppb
Calcium	43-1	15862.77	16166.00	16305.29	16111.35	1.40	ppb
Calcium	44-1	15407.49	15532.51	15581.70	15507.23	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.91	50.00	50.25	50.05	0.35	ppb
Cobalt	59-2	41.99	42.12	42.25	42.12	0.30	ppb
Copper	63-2	193.66	194.27	193.95	193.96	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	107154.19	106832.24	106815.14	106933.86	0.18	ppb
Iron	57-2	105918.53	106101.34	105837.89	105952.59	0.13	ppb
Iron	54-2	107050.39	106448.87	107043.47	106847.58	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ14	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:01:41	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	149.56	150.83	150.22	150.20	0.42	ppb
Lead	207-1	155.26	157.58	155.93	156.25	0.76	ppb
Lead	208-1	155.52	157.61	156.23	156.45	0.68	ppb
Lithium	6-1				103		%
Magnesium	24-2	15939.54	16184.44	16043.44	16055.80	0.77	ppb
Manganese	55-2	1811.55	1821.90	1804.19	1812.55	0.49	ppb
Molybdenum	94-1	21.39	22.25	22.14	21.93	2.13	ppb
Molybdenum	95-1	0.78	0.81	0.80	0.80	2.28	ppb
Molybdenum	96-1	3.61	3.70	3.72	3.68	1.53	ppb
Molybdenum	97-1	0.76	0.81	0.81	0.79	3.80	ppb
Molybdenum	98-1	0.76	0.80	0.78	0.78	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.33	44.06	43.45	43.62	0.90	ppb
Phosphorus	31-2	3054.11	3059.93	3063.51	3059.18	0.15	ppb
Potassium	39-2	7697.41	7789.90	7703.85	7730.38	0.67	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	1.67	1.74	1.36	1.59	12.60	ppb
Selenium	77-2	14.60	14.60	13.53	14.24	4.34	ppb
Selenium	78-2	2.34	1.90	3.28	2.51	28.11	ppb
Silicon	28-1	2047.55	2092.92	2097.23	2079.23	1.32	ppb
Silver	107-1	0.97	0.94	0.95	0.95	1.42	ppb
Silver	109-1	0.96	0.94	0.94	0.95	1.44	ppb
Sodium	23-2	135.08	134.84	136.24	135.39	0.55	ppb
Strontium	86-1	1213.43	1243.50	1245.35	1234.09	1.45	ppb
Strontium	88-1	1241.13	1272.66	1280.27	1264.69	1.64	ppb
Sulfur	34-1	1766.65	1845.98	1894.30	1835.64	3.51	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.27	0.28	0.28	0.28	1.35	ppb
Thallium	205-1	0.28	0.28	0.29	0.28	2.07	ppb
Tin	118-1	1.80	1.85	1.87	1.84	2.13	ppb
Titanium	47-1	487.07	496.47	496.15	493.23	1.08	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ14	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:01:41	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.90	0.89	0.89	0.80	ppb
Vanadium	51-2	174.33	175.52	174.47	174.77	0.37	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	655.99	658.06	658.73	657.60	0.22	ppb
Zirconium	90-1	11.52	11.87	11.84	11.74	1.63	ppb
Zirconium	91-1	11.65	11.86	11.97	11.83	1.40	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ15	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:04:45	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31506.53	31691.59	31619.20	31605.77	0.30	ppb
Antimony	121-1	0.24	0.26	0.25	0.25	4.37	ppb
Arsenic	75-2	235.64	239.38	238.45	237.82	0.82	ppb
Barium	135-1	243.88	248.39	247.94	246.74	1.01	ppb
Barium	137-1	245.46	247.86	250.48	247.93	1.01	ppb
Beryllium	9-1	1.11	1.18	1.14	1.14	3.16	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.16	4.92	4.48	4.52	8.43	ppb
Cadmium	106-1	5.14	5.35	5.38	5.29	2.43	ppb
Cadmium	111-1	3.91	3.75	3.75	3.80	2.45	ppb
Calcium	43-1	13604.02	13486.79	13794.43	13628.41	1.14	ppb
Calcium	44-1	13099.33	13091.19	13239.47	13143.33	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.75	40.88	41.02	40.88	0.32	ppb
Cobalt	59-2	33.53	33.60	33.64	33.59	0.18	ppb
Copper	63-2	138.54	139.43	139.00	138.99	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	87717.14	87615.27	87421.83	87584.75	0.17	ppb
Iron	57-2	86798.62	87293.04	87943.53	87345.06	0.66	ppb
Iron	54-2	87415.56	87193.35	87286.50	87298.47	0.13	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ15	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:04:45	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	236.31	240.84	236.85	238.00	1.04	ppb
Lead	207-1	256.19	257.66	256.75	256.87	0.29	ppb
Lead	208-1	245.30	244.69	245.82	245.27	0.23	ppb
Lithium	6-1				104		%
Magnesium	24-2	15168.18	15074.15	15282.35	15174.89	0.69	ppb
Manganese	55-2	1608.65	1611.34	1605.43	1608.47	0.18	ppb
Molybdenum	94-1	17.50	17.95	18.39	17.94	2.48	ppb
Molybdenum	95-1	1.05	1.09	1.07	1.07	1.94	ppb
Molybdenum	96-1	3.33	3.44	3.45	3.41	1.96	ppb
Molybdenum	97-1	1.01	1.08	1.05	1.04	3.58	ppb
Molybdenum	98-1	0.98	1.03	1.10	1.04	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.08	38.31	37.92	38.10	0.50	ppb
Phosphorus	31-2	3141.62	3074.71	3178.29	3131.54	1.68	ppb
Potassium	39-2	7747.05	7777.13	7816.29	7780.16	0.45	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	2.47	2.51	2.25	2.41	5.77	ppb
Selenium	77-2	15.06	14.56	13.25	14.29	6.53	ppb
Selenium	78-2	3.02	4.21	3.64	3.62	16.46	ppb
Silicon	28-1	981.03	1021.18	995.83	999.35	2.03	ppb
Silver	107-1	0.97	0.99	0.98	0.98	1.04	ppb
Silver	109-1	0.95	0.98	0.96	0.96	1.26	ppb
Sodium	23-2	135.11	136.57	135.11	135.60	0.62	ppb
Strontium	86-1	1152.60	1163.89	1186.79	1167.76	1.49	ppb
Strontium	88-1	1185.16	1212.04	1203.59	1200.26	1.15	ppb
Sulfur	34-1	396.86	435.91	547.63	460.13	17.01	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.26	0.26	0.29	0.27	5.30	ppb
Thallium	205-1	0.27	0.29	0.28	0.28	2.58	ppb
Tin	118-1	0.83	0.83	0.83	0.83	0.60	ppb
Titanium	47-1	374.14	372.65	378.49	375.09	0.81	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ15	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:04:45	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.80	0.82	0.81	1.24	ppb
Vanadium	51-2	119.59	119.84	120.33	119.92	0.32	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	943.87	947.88	946.23	945.99	0.21	ppb
Zirconium	90-1	9.33	9.43	9.56	9.44	1.19	ppb
Zirconium	91-1	9.51	9.36	9.78	9.55	2.22	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ16	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:07:50	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38461.33	38191.58	38158.53	38270.48	0.43	ppb
Antimony	121-1	0.34	0.34	0.34	0.34	0.45	ppb
Arsenic	75-2	238.21	241.87	238.71	239.60	0.83	ppb
Barium	135-1	363.76	361.63	369.60	365.00	1.13	ppb
Barium	137-1	385.34	374.93	389.00	383.09	1.91	ppb
Beryllium	9-1	1.43	1.47	1.45	1.45	1.37	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.86	3.65	3.83	3.78	2.99	ppb
Cadmium	106-1	6.55	5.10	5.89	5.85	12.40	ppb
Cadmium	111-1	3.04	2.85	2.99	2.96	3.39	ppb
Calcium	43-1	15272.62	15508.23	15587.43	15456.09	1.06	ppb
Calcium	44-1	14804.44	15031.82	14795.87	14877.38	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.18	48.21	47.71	48.03	0.58	ppb
Cobalt	59-2	39.93	39.92	40.11	39.99	0.26	ppb
Copper	63-2	144.87	144.54	144.53	144.65	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	105752.78	106441.79	105573.80	105922.79	0.43	ppb
Iron	57-2	106085.46	105293.75	105685.53	105688.25	0.37	ppb
Iron	54-2	106124.79	106601.10	105748.16	106158.02	0.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ16	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:07:50	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	185.97	190.62	189.26	188.62	1.27	ppb
Lead	207-1	203.88	203.06	202.62	203.19	0.31	ppb
Lead	208-1	194.00	195.50	194.92	194.81	0.39	ppb
Lithium	6-1				105		%
Magnesium	24-2	16472.71	16409.72	16596.17	16492.87	0.58	ppb
Manganese	55-2	1777.36	1771.82	1790.89	1780.02	0.55	ppb
Molybdenum	94-1	23.61	23.86	23.87	23.78	0.63	ppb
Molybdenum	95-1	0.96	0.98	0.93	0.96	2.61	ppb
Molybdenum	96-1	3.98	3.96	4.04	3.99	0.95	ppb
Molybdenum	97-1	0.92	0.91	0.96	0.93	2.72	ppb
Molybdenum	98-1	0.94	0.92	0.95	0.94	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.89	44.21	44.08	44.06	0.37	ppb
Phosphorus	31-2	3207.69	3190.45	3190.80	3196.31	0.31	ppb
Potassium	39-2	8390.17	8406.01	8333.55	8376.58	0.45	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	2.57	2.40	2.04	2.34	11.48	ppb
Selenium	77-2	15.05	16.90	16.30	16.08	5.88	ppb
Selenium	78-2	3.75	3.84	3.64	3.74	2.75	ppb
Silicon	28-1	1461.62	1481.68	1477.60	1473.63	0.72	ppb
Silver	107-1	0.88	0.90	0.92	0.90	2.40	ppb
Silver	109-1	0.88	0.86	0.87	0.87	1.29	ppb
Sodium	23-2	136.91	138.19	136.66	137.25	0.60	ppb
Strontium	86-1	1407.03	1407.65	1427.37	1414.02	0.82	ppb
Strontium	88-1	1451.95	1455.95	1447.29	1451.73	0.30	ppb
Sulfur	34-1	457.43	507.03	566.85	510.44	10.73	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.30	0.29	0.32	0.30	4.72	ppb
Thallium	205-1	0.29	0.29	0.30	0.29	1.35	ppb
Tin	118-1	0.94	0.89	0.91	0.91	2.82	ppb
Titanium	47-1	483.80	486.84	487.40	486.01	0.40	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ16	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:07:50	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.96	0.96	0.96	1.47	ppb
Vanadium	51-2	162.20	163.17	161.55	162.31	0.50	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	807.00	802.85	804.73	804.86	0.26	ppb
Zirconium	90-1	12.55	12.61	12.68	12.61	0.52	ppb
Zirconium	91-1	12.77	12.69	13.00	12.82	1.26	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ17	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:10:53	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33623.17	33340.65	33130.14	33364.65	0.74	ppb
Antimony	121-1	0.18	0.17	0.18	0.18	1.75	ppb
Arsenic	75-2	61.13	61.72	60.54	61.13	0.96	ppb
Barium	135-1	215.07	217.36	219.03	217.15	0.92	ppb
Barium	137-1	214.92	219.26	220.29	218.16	1.31	ppb
Beryllium	9-1	1.00	1.00	0.97	0.99	1.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	1.14	0.77	0.97	19.36	ppb
Cadmium	106-1	3.24	2.99	2.22	2.82	18.90	ppb
Cadmium	111-1	0.46	0.42	0.42	0.43	4.51	ppb
Calcium	43-1	29554.92	29839.39	30321.44	29905.25	1.30	ppb
Calcium	44-1	28762.26	28649.09	29077.47	28829.61	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.06	59.61	59.33	59.33	0.46	ppb
Cobalt	59-2	39.13	39.59	38.79	39.17	1.03	ppb
Copper	63-2	95.40	96.60	94.66	95.55	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	91989.74	92717.84	91054.89	91920.82	0.91	ppb
Iron	57-2	91025.63	90787.56	90652.02	90821.74	0.21	ppb
Iron	54-2	93065.63	91828.73	91247.37	92047.24	1.01	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ17	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:10:53	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.47	18.99	18.86	18.77	1.44	ppb
Lead	207-1	17.18	17.67	17.52	17.46	1.44	ppb
Lead	208-1	17.47	17.87	17.71	17.68	1.14	ppb
Lithium	6-1				104		%
Magnesium	24-2	18453.16	18623.85	18452.04	18509.68	0.53	ppb
Manganese	55-2	1503.46	1485.24	1453.50	1480.73	1.71	ppb
Molybdenum	94-1	15.72	15.92	16.03	15.89	0.97	ppb
Molybdenum	95-1	0.68	0.64	0.66	0.66	3.27	ppb
Molybdenum	96-1	2.75	2.88	2.90	2.84	2.93	ppb
Molybdenum	97-1	0.63	0.63	0.65	0.64	1.54	ppb
Molybdenum	98-1	0.64	0.69	0.64	0.66	4.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.44	51.74	50.79	51.32	0.95	ppb
Phosphorus	31-2	2574.90	2595.62	2555.04	2575.19	0.79	ppb
Potassium	39-2	2561.73	2594.48	2574.23	2576.81	0.64	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.33	0.50	0.75	0.52	40.78	ppb
Selenium	77-2	13.62	12.89	14.75	13.75	6.83	ppb
Selenium	78-2	1.28	1.72	2.59	1.86	36.05	ppb
Silicon	28-1	2065.43	2108.92	2127.57	2100.64	1.52	ppb
Silver	107-1	0.06	0.07	0.08	0.07	10.18	ppb
Silver	109-1	0.04	0.05	0.06	0.05	14.45	ppb
Sodium	23-2	284.03	286.18	280.75	283.65	0.97	ppb
Strontium	86-1	1560.27	1577.10	1594.32	1577.23	1.08	ppb
Strontium	88-1	1602.58	1628.44	1636.67	1622.56	1.10	ppb
Sulfur	34-1	-860.79	-806.13	-767.49	-811.47		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.16	0.16	0.15	0.16	1.04	ppb
Thallium	205-1	0.15	0.17	0.15	0.16	8.35	ppb
Tin	118-1	0.45	0.47	0.45	0.45	2.17	ppb
Titanium	47-1	525.82	529.78	534.78	530.13	0.85	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ17	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:10:53	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.70	0.70	0.70	0.78	ppb
Vanadium	51-2	157.25	157.79	156.89	157.31	0.29	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	149.51	150.02	148.80	149.44	0.41	ppb
Zirconium	90-1	8.31	8.40	8.60	8.44	1.78	ppb
Zirconium	91-1	8.37	8.60	8.69	8.55	1.93	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:14:02	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36040.64	35628.93	35871.79	35847.12	0.58	ppb
Antimony	121-1	0.22	0.22	0.23	0.23	0.82	ppb
Arsenic	75-2	108.54	106.69	108.86	108.03	1.09	ppb
Barium	135-1	305.21	322.35	323.02	316.86	3.19	ppb
Barium	137-1	318.45	339.10	336.83	331.46	3.42	ppb
Beryllium	9-1	1.36	1.29	1.41	1.36	4.31	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.18	2.37	2.27	2.27	4.25	ppb
Cadmium	106-1	4.30	3.35	3.67	3.78	12.81	ppb
Cadmium	111-1	1.35	1.33	1.32	1.34	1.23	ppb
Calcium	43-1	13502.73	14640.52	15019.60	14387.62	5.49	ppb
Calcium	44-1	13088.64	14181.68	14309.58	13859.97	4.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.84	43.23	43.56	43.54	0.70	ppb
Cobalt	59-2	40.11	39.37	39.78	39.75	0.93	ppb
Copper	63-2	159.30	157.92	158.35	158.52	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	96395.46	95414.97	96353.97	96054.80	0.58	ppb
Iron	57-2	95722.37	95518.55	93808.68	95016.53	1.11	ppb
Iron	54-2	97489.90	95585.68	95122.09	96065.89	1.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:14:02	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	70.64	74.59	76.08	73.77	3.81	ppb
Lead	207-1	73.62	76.51	78.14	76.09	3.01	ppb
Lead	208-1	73.60	77.58	78.45	76.54	3.38	ppb
Lithium	6-1				104		%
Magnesium	24-2	15806.12	15445.99	15574.57	15608.89	1.17	ppb
Manganese	55-2	1809.43	1783.65	1784.34	1792.47	0.82	ppb
Molybdenum	94-1	20.79	22.53	21.91	21.74	4.07	ppb
Molybdenum	95-1	0.59	0.64	0.64	0.62	4.78	ppb
Molybdenum	96-1	3.29	3.48	3.41	3.39	2.84	ppb
Molybdenum	97-1	0.58	0.68	0.60	0.62	8.61	ppb
Molybdenum	98-1	0.57	0.60	0.63	0.60	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.47	40.87	40.62	40.99	1.07	ppb
Phosphorus	31-2	2979.34	2904.44	2916.05	2933.28	1.37	ppb
Potassium	39-2	9285.57	9213.00	9090.94	9196.50	1.07	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	1.18	1.31	1.00	1.16	13.41	ppb
Selenium	77-2	16.77	18.00	17.15	17.31	3.65	ppb
Selenium	78-2	2.92	2.19	2.78	2.63	14.87	ppb
Silicon	28-1	1130.34	1210.42	1236.77	1192.51	4.65	ppb
Silver	107-1	0.32	0.37	0.36	0.35	7.89	ppb
Silver	109-1	0.31	0.33	0.34	0.33	4.27	ppb
Sodium	23-2	120.91	118.76	119.03	119.57	0.98	ppb
Strontium	86-1	1368.31	1441.16	1410.24	1406.57	2.60	ppb
Strontium	88-1	1397.94	1508.95	1469.69	1458.86	3.86	ppb
Sulfur	34-1	-486.57	-306.78	-184.69	-326.01		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.25	0.28	0.26	7.21	ppb
Thallium	205-1	0.25	0.26	0.26	0.26	2.71	ppb
Tin	118-1	1.35	1.46	1.53	1.45	6.13	ppb
Titanium	47-1	498.34	541.47	544.96	528.26	4.92	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:14:02	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.99	1.04	0.99	4.73	ppb
Vanadium	51-2	152.70	150.80	151.29	151.60	0.65	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	382.12	373.79	378.13	378.01	1.10	ppb
Zirconium	90-1	11.32	12.05	11.80	11.72	3.16	ppb
Zirconium	91-1	11.53	12.23	11.82	11.86	2.95	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:17:07	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36009.73	35690.26	35518.15	35739.38	0.70	ppb
Antimony	121-1	0.20	0.21	0.20	0.20	3.30	ppb
Arsenic	75-2	108.82	107.38	107.91	108.04	0.68	ppb
Barium	135-1	315.86	319.46	319.99	318.44	0.71	ppb
Barium	137-1	330.28	331.12	329.03	330.14	0.32	ppb
Beryllium	9-1	1.33	1.30	1.42	1.35	4.51	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.20	2.38	2.00	2.19	8.76	ppb
Cadmium	106-1	4.24	3.66	3.80	3.90	7.78	ppb
Cadmium	111-1	1.41	1.31	1.33	1.35	3.88	ppb
Calcium	43-1	14270.04	14303.59	14559.84	14377.82	1.10	ppb
Calcium	44-1	13746.27	13662.33	13863.34	13757.31	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.15	44.61	44.33	44.70	0.93	ppb
Cobalt	59-2	39.17	38.90	38.89	38.99	0.41	ppb
Copper	63-2	140.60	140.00	139.70	140.10	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	96637.88	95418.48	95255.73	95770.70	0.79	ppb
Iron	57-2	95376.29	95111.25	94420.30	94969.28	0.52	ppb
Iron	54-2	96339.18	95552.11	95941.28	95944.19	0.41	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:17:07	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.49	74.22	74.17	73.96	0.56	ppb
Lead	207-1	75.49	76.01	76.01	75.84	0.39	ppb
Lead	208-1	76.52	76.73	76.75	76.67	0.16	ppb
Lithium	6-1				106		%
Magnesium	24-2	15632.59	15457.69	15531.16	15540.48	0.57	ppb
Manganese	55-2	1793.57	1797.52	1787.70	1792.93	0.28	ppb
Molybdenum	94-1	21.70	21.90	22.29	21.97	1.37	ppb
Molybdenum	95-1	0.60	0.63	0.66	0.63	4.55	ppb
Molybdenum	96-1	3.46	3.51	3.48	3.48	0.77	ppb
Molybdenum	97-1	0.57	0.59	0.60	0.59	2.75	ppb
Molybdenum	98-1	0.60	0.59	0.60	0.60	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.32	40.73	40.93	40.99	0.74	ppb
Phosphorus	31-2	3005.50	2922.53	2924.88	2950.97	1.60	ppb
Potassium	39-2	9302.18	9209.28	9249.92	9253.79	0.50	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	1.10	1.43	0.85	1.13	25.79	ppb
Selenium	77-2	13.36	16.43	15.64	15.14	10.54	ppb
Selenium	78-2	3.03	1.92	3.05	2.67	24.26	ppb
Silicon	28-1	1179.42	1199.03	1216.89	1198.45	1.56	ppb
Silver	107-1	0.35	0.36	0.34	0.35	1.89	ppb
Silver	109-1	0.32	0.32	0.31	0.32	1.35	ppb
Sodium	23-2	119.10	116.52	115.67	117.10	1.53	ppb
Strontium	86-1	1399.43	1418.47	1441.07	1419.65	1.47	ppb
Strontium	88-1	1462.30	1471.44	1463.20	1465.64	0.34	ppb
Sulfur	34-1	-354.88	-313.56	-264.05	-310.83		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.27	0.26	0.26	2.75	ppb
Thallium	205-1	0.26	0.27	0.26	0.27	2.46	ppb
Tin	118-1	0.74	0.76	0.77	0.76	2.30	ppb
Titanium	47-1	523.61	521.94	528.68	524.75	0.67	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:17:07	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	0.98	0.99	0.98	0.46	ppb
Vanadium	51-2	152.40	151.29	151.58	151.76	0.38	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	379.45	379.23	378.60	379.09	0.12	ppb
Zirconium	90-1	11.51	11.62	11.85	11.66	1.48	ppb
Zirconium	91-1	11.69	11.67	11.86	11.74	0.92	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 20:20:15	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7551.73	7544.82	7439.31	7511.95	0.84	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	20.01	ppb
Arsenic	75-2	24.66	23.44	23.90	24.00	2.57	ppb
Barium	135-1	57.29	64.69	65.23	62.40	7.11	ppb
Barium	137-1	58.20	65.01	65.33	62.85	6.41	ppb
Beryllium	9-1	0.18	0.22	0.21	0.20	10.76	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.45	0.33	0.54	0.44	24.75	ppb
Cadmium	106-1	0.62	0.04	-0.51	0.05	1159.04	ppb
Cadmium	111-1	0.20	0.22	0.14	0.19	23.93	ppb
Calcium	43-1	2678.78	3017.93	2982.93	2893.22	6.45	ppb
Calcium	44-1	2549.67	2899.60	2837.90	2762.39	6.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.08	9.11	9.15	9.12	0.38	ppb
Cobalt	59-2	8.37	8.42	8.35	8.38	0.41	ppb
Copper	63-2	33.29	33.32	33.22	33.28	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	20119.78	20045.63	19954.13	20039.84	0.41	ppb
Iron	57-2	20114.44	19877.63	19782.38	19924.82	0.86	ppb
Iron	54-2	20046.30	20173.37	19997.20	20072.29	0.45	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 20:20:15	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.29	14.79	14.71	14.26	5.92	ppb
Lead	207-1	13.59	15.02	14.94	14.52	5.56	ppb
Lead	208-1	13.25	14.68	14.72	14.22	5.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	3247.54	3250.87	3245.51	3247.97	0.08	ppb
Manganese	55-2	377.75	378.07	376.91	377.58	0.16	ppb
Molybdenum	94-1	4.10	4.60	4.51	4.40	5.99	ppb
Molybdenum	95-1	-0.03	-0.04	-0.02	-0.03		ppb
Molybdenum	96-1	0.49	0.58	0.60	0.56	10.10	ppb
Molybdenum	97-1	-0.04	-0.03	0.00	-0.03		ppb
Molybdenum	98-1	-0.04	-0.02	-0.03	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.47	8.59	8.80	8.62	1.96	ppb
Phosphorus	31-2	608.38	602.80	583.71	598.30	2.16	ppb
Potassium	39-2	1936.11	1928.11	1940.39	1934.87	0.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	-0.24	-0.36	-0.01	-0.20		ppb
Selenium	77-2	3.09	3.39	2.52	3.00	14.63	ppb
Selenium	78-2	-0.13	0.22	-0.77	-0.23		ppb
Silicon	28-1	172.63	208.65	206.19	195.82	10.28	ppb
Silver	107-1	0.05	0.06	0.06	0.06	9.49	ppb
Silver	109-1	0.04	0.04	0.05	0.04	6.55	ppb
Sodium	23-2	21.98	21.90	23.20	22.36	3.25	ppb
Strontium	86-1	278.73	313.25	313.53	301.83	6.63	ppb
Strontium	88-1	276.28	313.77	311.20	300.42	6.97	ppb
Sulfur	34-1	-1066.82	-807.34	-829.50	-901.22		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.05	0.04	20.90	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	15.24	ppb
Tin	118-1	0.14	0.14	0.16	0.15	7.71	ppb
Titanium	47-1	99.84	110.50	109.58	106.64	5.54	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 20:20:15	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.18	0.18	0.17	7.75	ppb
Vanadium	51-2	31.72	31.65	31.46	31.61	0.42	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	79.08	79.54	78.49	79.04	0.66	ppb
Zirconium	90-1	2.24	2.54	2.55	2.44	7.22	ppb
Zirconium	91-1	2.31	2.60	2.53	2.48	6.14	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:23:23	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36334.15	35651.05	36076.88	36020.69	0.96	ppb
Antimony	121-1	78.88	78.17	79.22	78.76	0.68	ppb
Arsenic	75-2	132.96	131.94	133.44	132.78	0.58	ppb
Barium	135-1	2047.12	2013.47	2073.65	2044.74	1.47	ppb
Barium	137-1	2039.61	2035.38	2045.76	2040.25	0.26	ppb
Beryllium	9-1	42.04	43.09	43.05	42.73	1.40	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	39.71	39.54	39.27	39.51	0.56	ppb
Cadmium	106-1	40.10	39.59	40.08	39.92	0.73	ppb
Cadmium	111-1	40.49	40.65	41.33	40.82	1.09	ppb
Calcium	43-1	14017.16	14135.73	14190.53	14114.47	0.63	ppb
Calcium	44-1	13478.41	13695.43	13719.32	13631.05	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	206.69	205.87	208.34	206.97	0.61	ppb
Cobalt	59-2	452.97	450.23	453.04	452.08	0.35	ppb
Copper	63-2	345.92	348.36	348.35	347.54	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	95604.18	95110.03	95504.52	95406.24	0.27	ppb
Iron	57-2	93759.02	94208.72	94272.59	94080.11	0.30	ppb
Iron	54-2	96150.25	95439.53	95677.80	95755.86	0.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:23:23	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.93	87.73	89.23	87.96	1.32	ppb
Lead	207-1	87.85	87.80	89.65	88.43	1.19	ppb
Lead	208-1	88.95	89.14	90.96	89.68	1.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	15038.48	14899.03	15020.48	14985.99	0.51	ppb
Manganese	55-2	2195.32	2163.61	2196.26	2185.06	0.85	ppb
Molybdenum	94-1	21.29	21.21	21.63	21.38	1.05	ppb
Molybdenum	95-1	0.63	0.62	0.61	0.62	1.24	ppb
Molybdenum	96-1	3.35	3.42	3.37	3.38	1.01	ppb
Molybdenum	97-1	0.52	0.63	0.62	0.59	9.69	ppb
Molybdenum	98-1	0.62	0.59	0.62	0.61	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	439.00	440.15	440.71	439.96	0.20	ppb
Phosphorus	31-2	2860.72	2819.60	2878.61	2852.98	1.06	ppb
Potassium	39-2	9006.16	9031.71	8975.00	9004.29	0.32	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	66.40	66.80	68.17	67.13	1.39	ppb
Selenium	77-2	83.43	87.72	76.72	82.62	6.71	ppb
Selenium	78-2	72.66	71.20	72.90	72.25	1.27	ppb
Silicon	28-1	1282.70	1325.60	1284.97	1297.76	1.86	ppb
Silver	107-1	41.44	41.92	42.45	41.94	1.20	ppb
Silver	109-1	41.84	42.03	42.25	42.04	0.49	ppb
Sodium	23-2	112.38	110.43	111.88	111.56	0.91	ppb
Strontium	86-1	1391.76	1422.20	1417.41	1410.45	1.16	ppb
Strontium	88-1	1442.46	1445.31	1460.12	1449.30	0.65	ppb
Sulfur	34-1	-502.41	-511.99	-424.85	-479.75		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	37.20	36.76	37.81	37.26	1.41	ppb
Thallium	205-1	36.90	36.77	37.39	37.02	0.88	ppb
Tin	118-1	0.73	0.73	0.74	0.73	1.31	ppb
Titanium	47-1	520.21	523.96	525.03	523.07	0.48	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:23:23	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.96	0.96	0.96	0.30	ppb
Vanadium	51-2	559.15	555.59	566.61	560.45	1.00	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	764.62	764.58	767.96	765.72	0.25	ppb
Zirconium	90-1	11.51	11.67	11.71	11.63	0.90	ppb
Zirconium	91-1	11.39	11.74	11.92	11.68	2.31	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:26:24	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39859.38	40111.98	40210.20	40060.52	0.45	ppb
Antimony	121-1	308.06	323.59	324.32	318.66	2.88	ppb
Arsenic	75-2	224.03	221.95	218.79	221.59	1.19	ppb
Barium	135-1	5949.29	6389.77	6354.34	6231.14	3.93	ppb
Barium	137-1	6051.76	6367.45	6338.94	6252.72	2.79	ppb
Beryllium	9-1	141.71	145.83	147.43	144.99	2.03	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	138.14	147.41	149.43	144.99	4.15	ppb
Cadmium	106-1	139.54	147.87	145.61	144.34	2.99	ppb
Cadmium	111-1	148.68	159.48	157.46	155.21	3.70	ppb
Calcium	43-1	13087.27	14137.33	14351.27	13858.62	4.88	ppb
Calcium	44-1	12842.80	13481.61	13754.59	13359.67	3.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	630.01	619.75	620.36	623.37	0.92	ppb
Cobalt	59-2	1489.51	1478.56	1486.23	1484.77	0.38	ppb
Copper	63-2	842.24	831.15	846.31	839.90	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	96862.34	96892.34	95171.99	96308.89	1.02	ppb
Iron	57-2	96437.09	95317.83	95243.28	95666.07	0.70	ppb
Iron	54-2	97809.80	96055.89	95929.52	96598.40	1.09	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:26:24	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	125.57	133.02	135.08	131.22	3.82	ppb
Lead	207-1	123.29	129.74	132.11	128.38	3.56	ppb
Lead	208-1	127.73	134.95	136.18	132.95	3.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	15020.38	15074.11	14948.65	15014.38	0.42	ppb
Manganese	55-2	3207.96	3170.19	3133.97	3170.71	1.17	ppb
Molybdenum	94-1	20.28	21.13	21.41	20.94	2.82	ppb
Molybdenum	95-1	0.61	0.65	0.61	0.62	3.50	ppb
Molybdenum	96-1	3.20	3.30	3.43	3.31	3.50	ppb
Molybdenum	97-1	0.54	0.57	0.58	0.56	3.93	ppb
Molybdenum	98-1	0.62	0.61	0.61	0.61	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1517.63	1529.04	1519.73	1522.13	0.40	ppb
Phosphorus	31-2	2848.13	2789.30	2777.08	2804.84	1.35	ppb
Potassium	39-2	9005.90	8905.89	8884.51	8932.10	0.73	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	300.26	310.91	318.15	309.77	2.90	ppb
Selenium	77-2	352.74	347.46	336.83	345.68	2.34	ppb
Selenium	78-2	336.05	332.86	331.05	333.32	0.76	ppb
Silicon	28-1	1220.10	1355.07	1364.68	1313.29	6.16	ppb
Silver	107-1	77.47	100.48	109.84	95.93	17.36	ppb
Silver	109-1	84.77	106.48	99.40	96.88	11.42	ppb
Sodium	23-2	115.53	113.76	111.89	113.72	1.60	ppb
Strontium	86-1	1332.33	1398.19	1403.22	1377.91	2.87	ppb
Strontium	88-1	1358.33	1424.71	1409.51	1397.51	2.49	ppb
Sulfur	34-1	-713.27	-555.97	-450.16	-573.13		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	146.35	157.09	156.52	153.32	3.94	ppb
Thallium	205-1	147.71	155.42	158.06	153.73	3.50	ppb
Tin	118-1	0.67	0.74	0.73	0.71	5.54	ppb
Titanium	47-1	487.61	527.95	532.96	516.17	4.82	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:26:24	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.94	0.95	0.93	3.15	ppb
Vanadium	51-2	1574.80	1574.67	1567.31	1572.26	0.27	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	1873.24	1822.33	1869.81	1855.13	1.53	ppb
Zirconium	90-1	10.99	11.33	11.56	11.29	2.53	ppb
Zirconium	91-1	11.04	11.55	11.83	11.47	3.48	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-01	Instrumnet Name :	P7
Client Sample ID :	MYCZB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:29:17	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	74373.46	74287.77	73949.83	74203.69	0.30	ppb
Antimony	121-1	0.61	0.63	0.62	0.62	1.20	ppb
Arsenic	75-2	85.85	83.44	82.78	84.02	1.92	ppb
Barium	135-1	71.69	71.13	71.04	71.29	0.49	ppb
Barium	137-1	72.12	71.61	71.56	71.76	0.44	ppb
Beryllium	9-1	0.46	0.51	0.56	0.51	10.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.74	0.72	0.73	1.10	ppb
Cadmium	106-1	1.33	0.71	0.50	0.85	50.87	ppb
Cadmium	111-1	0.46	0.45	0.41	0.44	6.06	ppb
Calcium	43-1	12600.28	12577.10	12412.42	12529.93	0.82	ppb
Calcium	44-1	12082.48	12052.16	11828.27	11987.64	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	219.32	216.65	213.11	216.36	1.44	ppb
Cobalt	59-2	120.91	120.36	120.22	120.50	0.30	ppb
Copper	63-2	329.32	326.27	324.78	326.79	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	189135.67	187880.47	188545.43	188520.52	0.33	ppb
Iron	57-2	186825.25	186490.56	184697.23	186004.35	0.62	ppb
Iron	54-2	188666.83	188090.44	188932.64	188563.30	0.23	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-01	Instrumnet Name :	P7
Client Sample ID :	MYCZB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:29:17	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.53	2.59	2.63	2.58	1.89	ppb
Lead	207-1	2.47	2.47	2.46	2.47	0.13	ppb
Lead	208-1	2.46	2.50	2.49	2.48	0.81	ppb
Lithium	6-1				99		%
Magnesium	24-2	53466.53	52698.33	52690.36	52951.74	0.84	ppb
Manganese	55-2	3607.26	3618.96	3602.09	3609.44	0.24	ppb
Molybdenum	94-1	3.47	3.58	3.57	3.54	1.71	ppb
Molybdenum	95-1	0.42	0.46	0.46	0.45	5.35	ppb
Molybdenum	96-1	2.02	2.10	2.05	2.06	1.89	ppb
Molybdenum	97-1	0.39	0.42	0.43	0.41	4.92	ppb
Molybdenum	98-1	0.37	0.40	0.39	0.39	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.49	151.16	150.48	151.38	0.68	ppb
Phosphorus	31-2	875.79	862.01	865.35	867.72	0.83	ppb
Potassium	39-2	905.48	902.50	900.90	902.96	0.26	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.62	0.76	0.31	0.56	40.91	ppb
Selenium	77-2	2.54	3.60	3.98	3.37	22.06	ppb
Selenium	78-2	0.58	0.14	0.21	0.31	76.21	ppb
Silicon	28-1	3965.39	3985.49	3936.80	3962.56	0.62	ppb
Silver	107-1	0.15	0.13	0.12	0.13	10.55	ppb
Silver	109-1	0.14	0.13	0.11	0.13	10.79	ppb
Sodium	23-2	417.21	412.78	412.55	414.18	0.63	ppb
Strontium	86-1	1645.67	1667.20	1662.07	1658.31	0.68	ppb
Strontium	88-1	1699.12	1724.20	1733.70	1719.01	1.04	ppb
Sulfur	34-1	-1228.80	-1221.03	-1253.70	-1234.51		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.11	0.09	0.11	13.83	ppb
Thallium	205-1	0.11	0.10	0.10	0.11	3.58	ppb
Tin	118-1	0.44	0.41	0.43	0.43	3.77	ppb
Titanium	47-1	2853.20	2843.97	2812.13	2836.43	0.76	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-01	Instrumnet Name :	P7
Client Sample ID :	MYCZB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:29:17	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.15	0.15	0.15	1.41	ppb
Vanadium	51-2	480.66	484.85	483.23	482.91	0.44	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	206.38	206.54	204.45	205.79	0.57	ppb
Zirconium	90-1	1.68	1.72	1.73	1.71	1.28	ppb
Zirconium	91-1	1.79	1.77	1.71	1.76	2.44	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-02	Instrumnet Name :	P7
Client Sample ID :	MYCZC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:32:23	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70676.00	70986.81	70745.41	70802.74	0.23	ppb
Antimony	121-1	1.95	1.99	1.98	1.97	1.02	ppb
Arsenic	75-2	272.16	271.65	272.06	271.95	0.10	ppb
Barium	135-1	192.22	194.98	192.83	193.34	0.75	ppb
Barium	137-1	194.89	196.06	192.83	194.60	0.84	ppb
Beryllium	9-1	0.79	0.81	0.85	0.82	4.04	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.16	8.38	8.45	8.33	1.80	ppb
Cadmium	106-1	10.28	9.10	9.24	9.54	6.78	ppb
Cadmium	111-1	8.10	7.90	7.97	7.99	1.22	ppb
Calcium	43-1	10499.61	10548.09	10594.03	10547.24	0.45	ppb
Calcium	44-1	10104.96	10153.50	10171.91	10143.45	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258.28	251.35	260.34	256.66	1.83	ppb
Cobalt	59-2	105.04	104.38	104.15	104.53	0.44	ppb
Copper	63-2	1113.70	1107.51	1106.77	1109.33	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	172443.11	170947.23	172458.08	171949.47	0.50	ppb
Iron	57-2	171174.12	170965.18	171537.45	171225.58	0.17	ppb
Iron	54-2	173460.61	172750.92	173823.67	173345.07	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-02	Instrumnet Name :	P7
Client Sample ID :	MYCZC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:32:23	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	332.67	337.34	336.17	335.39	0.72	ppb
Lead	207-1	339.47	336.48	346.51	340.82	1.51	ppb
Lead	208-1	332.65	334.32	335.60	334.19	0.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	46614.36	46783.07	46686.27	46694.57	0.18	ppb
Manganese	55-2	3254.11	3260.62	3271.84	3262.19	0.27	ppb
Molybdenum	94-1	12.62	12.73	12.87	12.74	0.97	ppb
Molybdenum	95-1	1.16	1.22	1.21	1.20	2.47	ppb
Molybdenum	96-1	3.56	3.57	3.65	3.59	1.35	ppb
Molybdenum	97-1	1.13	1.17	1.19	1.16	2.44	ppb
Molybdenum	98-1	1.12	1.12	1.17	1.14	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	155.68	153.77	154.74	154.73	0.62	ppb
Phosphorus	31-2	1228.18	1261.60	1264.47	1251.41	1.61	ppb
Potassium	39-2	4157.08	4153.64	4187.48	4166.07	0.45	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	2.79	2.66	2.51	2.65	5.33	ppb
Selenium	77-2	8.93	9.35	7.90	8.73	8.53	ppb
Selenium	78-2	2.84	2.62	2.88	2.78	5.04	ppb
Silicon	28-1	3170.55	3276.23	3225.75	3224.17	1.64	ppb
Silver	107-1	2.37	2.42	2.35	2.38	1.38	ppb
Silver	109-1	2.37	2.37	2.35	2.37	0.40	ppb
Sodium	23-2	97.33	95.80	96.26	96.46	0.81	ppb
Strontium	86-1	1326.66	1344.25	1348.71	1339.87	0.87	ppb
Strontium	88-1	1370.92	1395.49	1387.60	1384.67	0.91	ppb
Sulfur	34-1	-1006.60	-970.50	-995.94	-991.02		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.26	0.28	0.27	4.34	ppb
Thallium	205-1	0.28	0.27	0.27	0.28	0.61	ppb
Tin	118-1	1.83	1.85	1.80	1.83	1.27	ppb
Titanium	47-1	1133.67	1147.88	1137.76	1139.77	0.64	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-02	Instrumnet Name :	P7
Client Sample ID :	MYCZC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:32:23	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.60	0.60	0.60	0.72	ppb
Vanadium	51-2	434.79	442.60	435.92	437.77	0.96	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	644.83	645.33	648.87	646.34	0.34	ppb
Zirconium	90-1	6.32	6.46	6.47	6.42	1.30	ppb
Zirconium	91-1	6.60	6.66	6.54	6.60	0.84	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-03	Instrumnet Name :	P7
Client Sample ID :	MYCZC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:35:23	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56599.42	57091.63	56075.18	56588.75	0.90	ppb
Antimony	121-1	0.52	0.54	0.53	0.53	1.44	ppb
Arsenic	75-2	103.16	104.13	102.02	103.10	1.02	ppb
Barium	135-1	122.15	124.88	122.49	123.17	1.21	ppb
Barium	137-1	123.43	125.87	124.17	124.49	1.00	ppb
Beryllium	9-1	0.74	0.60	0.69	0.67	10.43	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.63	1.56	1.60	1.60	2.26	ppb
Cadmium	106-1	3.02	2.02	1.51	2.18	35.18	ppb
Cadmium	111-1	0.97	0.93	0.89	0.93	3.86	ppb
Calcium	43-1	13195.37	13251.88	13189.81	13212.35	0.26	ppb
Calcium	44-1	12682.61	12836.29	12634.40	12717.76	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163.20	162.95	162.17	162.77	0.33	ppb
Cobalt	59-2	103.33	103.50	102.31	103.05	0.62	ppb
Copper	63-2	326.56	330.96	330.16	329.22	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	148594.58	147293.38	146724.80	147537.59	0.65	ppb
Iron	57-2	145503.15	146131.38	144713.98	145449.51	0.49	ppb
Iron	54-2	148211.14	147243.71	145906.28	147120.38	0.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-03	Instrumnet Name :	P7
Client Sample ID :	MYCZC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:35:23	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.36	33.93	34.15	33.81	1.19	ppb
Lead	207-1	32.69	33.11	33.24	33.01	0.87	ppb
Lead	208-1	32.44	33.08	33.21	32.91	1.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	37263.74	37499.33	36637.98	37133.68	1.20	ppb
Manganese	55-2	3128.61	3082.62	3087.81	3099.68	0.81	ppb
Molybdenum	94-1	8.87	8.89	8.72	8.83	1.07	ppb
Molybdenum	95-1	0.44	0.44	0.46	0.45	2.10	ppb
Molybdenum	96-1	2.29	2.36	2.27	2.31	2.03	ppb
Molybdenum	97-1	0.42	0.42	0.43	0.42	2.11	ppb
Molybdenum	98-1	0.43	0.40	0.44	0.42	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.28	123.27	122.23	123.26	0.83	ppb
Phosphorus	31-2	1115.58	1130.49	1123.94	1123.34	0.67	ppb
Potassium	39-2	2139.80	2120.86	2140.52	2133.73	0.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	1.17	0.68	0.91	0.92	26.92	ppb
Selenium	77-2	7.31	8.15	8.18	7.88	6.24	ppb
Selenium	78-2	1.25	-0.08	0.73	0.63	105.01	ppb
Silicon	28-1	3911.39	3894.81	3931.68	3912.63	0.47	ppb
Silver	107-1	0.35	0.36	0.35	0.35	2.14	ppb
Silver	109-1	0.34	0.36	0.33	0.34	4.85	ppb
Sodium	23-2	203.71	202.17	198.51	201.46	1.33	ppb
Strontium	86-1	1745.29	1747.25	1765.72	1752.75	0.64	ppb
Strontium	88-1	1829.71	1815.20	1787.32	1810.75	1.19	ppb
Sulfur	34-1	-1111.48	-1063.50	-1063.21	-1079.40		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.13	0.10	0.12	11.31	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	3.85	ppb
Tin	118-1	0.58	0.58	0.59	0.59	1.17	ppb
Titanium	47-1	1895.77	1902.24	1877.54	1891.85	0.68	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-03	Instrumnet Name :	P7
Client Sample ID :	MYCZC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:35:23	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.48	0.49	0.48	1.28	ppb
Vanadium	51-2	364.60	362.52	357.07	361.40	1.08	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	207.74	207.51	205.78	207.01	0.52	ppb
Zirconium	90-1	4.56	4.59	4.63	4.59	0.69	ppb
Zirconium	91-1	4.68	4.73	4.68	4.69	0.58	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-04	Instrumnet Name :	P7
Client Sample ID :	MYCZC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:38:29	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56729.02	57809.45	57016.26	57184.91	0.98	ppb
Antimony	121-1	0.44	0.45	0.46	0.45	2.29	ppb
Arsenic	75-2	95.18	97.16	95.84	96.06	1.05	ppb
Barium	135-1	132.46	132.49	131.46	132.13	0.44	ppb
Barium	137-1	132.74	132.67	133.31	132.91	0.26	ppb
Beryllium	9-1	0.74	0.72	0.78	0.75	4.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.29	1.58	1.20	1.35	14.69	ppb
Cadmium	106-1	2.61	2.00	2.10	2.24	14.55	ppb
Cadmium	111-1	0.89	0.87	0.88	0.88	0.93	ppb
Calcium	43-1	13183.32	13086.20	13195.85	13155.12	0.46	ppb
Calcium	44-1	12719.65	12590.87	12647.56	12652.70	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	149.72	148.86	149.36	149.31	0.29	ppb
Cobalt	59-2	104.56	104.64	104.43	104.55	0.10	ppb
Copper	63-2	318.83	321.29	320.55	320.22	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	151314.86	151606.19	150051.45	150990.83	0.55	ppb
Iron	57-2	150700.83	149297.82	148780.97	149593.21	0.66	ppb
Iron	54-2	151515.56	152069.47	150322.09	151302.38	0.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-04	Instrumnet Name :	P7
Client Sample ID :	MYCZC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:38:29	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.76	27.49	27.23	27.16	1.36	ppb
Lead	207-1	26.17	26.70	26.76	26.54	1.24	ppb
Lead	208-1	26.05	26.63	26.54	26.41	1.19	ppb
Lithium	6-1				102		%
Magnesium	24-2	36328.44	36722.59	35878.10	36309.71	1.16	ppb
Manganese	55-2	3132.07	3114.47	3080.94	3109.16	0.84	ppb
Molybdenum	94-1	8.73	9.16	9.07	8.98	2.50	ppb
Molybdenum	95-1	0.62	0.66	0.65	0.64	3.28	ppb
Molybdenum	96-1	2.52	2.55	2.51	2.53	0.76	ppb
Molybdenum	97-1	0.59	0.63	0.62	0.61	3.07	ppb
Molybdenum	98-1	0.61	0.60	0.63	0.61	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.15	113.89	113.93	114.33	0.63	ppb
Phosphorus	31-2	1101.62	1087.25	1103.50	1097.46	0.81	ppb
Potassium	39-2	2221.55	2184.22	2210.49	2205.42	0.87	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	0.85	0.60	1.21	0.89	34.75	ppb
Selenium	77-2	5.58	5.96	7.59	6.38	16.72	ppb
Selenium	78-2	1.52	0.89	0.21	0.87	75.25	ppb
Silicon	28-1	3271.14	3291.52	3284.81	3282.49	0.32	ppb
Silver	107-1	0.27	0.29	0.29	0.28	3.09	ppb
Silver	109-1	0.26	0.29	0.26	0.27	4.69	ppb
Sodium	23-2	187.58	184.83	187.22	186.54	0.80	ppb
Strontium	86-1	1772.56	1818.19	1816.95	1802.57	1.44	ppb
Strontium	88-1	1809.66	1868.43	1849.35	1842.48	1.63	ppb
Sulfur	34-1	-1009.67	-1034.39	-1002.86	-1015.64		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.12	0.12	0.12	0.78	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	5.20	ppb
Tin	118-1	0.54	0.58	0.53	0.55	4.26	ppb
Titanium	47-1	2022.98	2030.41	2037.28	2030.22	0.35	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-04	Instrumnet Name :	P7
Client Sample ID :	MYCZC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:38:29	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.48	0.49	0.49	1.43	ppb
Vanadium	51-2	379.97	377.34	377.13	378.15	0.42	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	204.30	204.91	204.12	204.44	0.20	ppb
Zirconium	90-1	4.56	4.68	4.59	4.61	1.29	ppb
Zirconium	91-1	4.67	4.67	4.61	4.65	0.73	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-05	Instrumnet Name :	P7
Client Sample ID :	MYCZC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:41:32	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65123.77	65796.66	64962.78	65294.40	0.68	ppb
Antimony	121-1	0.47	0.51	0.48	0.49	3.86	ppb
Arsenic	75-2	103.87	105.51	105.28	104.89	0.85	ppb
Barium	135-1	142.53	142.14	143.36	142.67	0.44	ppb
Barium	137-1	143.05	144.61	143.31	143.66	0.58	ppb
Beryllium	9-1	0.76	0.77	0.74	0.76	2.09	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.57	1.62	1.60	1.60	1.51	ppb
Cadmium	106-1	2.65	2.53	2.03	2.40	13.79	ppb
Cadmium	111-1	1.03	1.03	1.00	1.02	1.65	ppb
Calcium	43-1	14835.12	14605.97	14798.61	14746.57	0.83	ppb
Calcium	44-1	14177.00	14222.19	14149.95	14183.05	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	175.14	174.38	175.26	174.93	0.27	ppb
Cobalt	59-2	123.00	123.25	122.25	122.83	0.42	ppb
Copper	63-2	370.65	372.58	368.98	370.74	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	172556.62	170367.64	170330.77	171085.01	0.75	ppb
Iron	57-2	169136.74	171532.00	168800.19	169822.98	0.88	ppb
Iron	54-2	173243.16	171982.07	171274.46	172166.56	0.58	ppb
Krypton	83-1						cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-05	Instrumnet Name :	P7
Client Sample ID :	MYCZC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:41:32	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.21	29.09	29.12	29.14	0.23	ppb
Lead	207-1	28.21	28.44	28.17	28.28	0.52	ppb
Lead	208-1	28.24	28.33	28.29	28.28	0.16	ppb
Lithium	6-1				101		%
Magnesium	24-2	42484.92	42631.70	42232.26	42449.63	0.48	ppb
Manganese	55-2	3607.56	3559.55	3562.44	3576.52	0.75	ppb
Molybdenum	94-1	9.56	9.33	9.60	9.50	1.56	ppb
Molybdenum	95-1	0.75	0.75	0.75	0.75	0.51	ppb
Molybdenum	96-1	2.92	2.80	2.79	2.84	2.39	ppb
Molybdenum	97-1	0.73	0.76	0.74	0.74	2.06	ppb
Molybdenum	98-1	0.71	0.68	0.72	0.70	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.50	133.31	131.82	132.88	0.69	ppb
Phosphorus	31-2	1185.69	1199.23	1214.99	1199.97	1.22	ppb
Potassium	39-2	2186.54	2182.21	2172.74	2180.50	0.32	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.72	0.72	0.46	0.63	23.54	ppb
Selenium	77-2	8.56	7.10	7.16	7.61	10.87	ppb
Selenium	78-2	1.56	1.11	0.76	1.14	35.20	ppb
Silicon	28-1	2727.88	2733.76	2781.23	2747.62	1.06	ppb
Silver	107-1	0.32	0.30	0.31	0.31	2.37	ppb
Silver	109-1	0.30	0.30	0.29	0.30	3.23	ppb
Sodium	23-2	212.10	211.03	209.74	210.95	0.56	ppb
Strontium	86-1	1992.47	1992.93	1999.63	1995.01	0.20	ppb
Strontium	88-1	2040.69	2038.36	2039.33	2039.46	0.06	ppb
Sulfur	34-1	-969.13	-996.60	-928.04	-964.59		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.14	0.14	0.14	3.96	ppb
Thallium	205-1	0.15	0.14	0.13	0.14	6.16	ppb
Tin	118-1	0.69	0.68	0.67	0.68	1.78	ppb
Titanium	47-1	2269.03	2290.29	2265.68	2275.00	0.59	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-05	Instrumnet Name :	P7
Client Sample ID :	MYCZC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:41:32	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.51	0.53	0.52	0.52	1.44	ppb
Vanadium	51-2	424.26	429.50	423.10	425.62	0.80	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	231.86	232.33	230.82	231.67	0.33	ppb
Zirconium	90-1	4.78	4.79	4.88	4.82	1.05	ppb
Zirconium	91-1	4.89	4.88	4.97	4.91	0.97	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:44:38	DataFile Name :	095CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50663.60	50217.45	50518.40	50466.48	0.45	ppb
Antimony	121-1	507.09	504.54	499.88	503.84	0.73	ppb
Arsenic	75-2	489.08	485.37	481.13	485.19	0.82	ppb
Barium	135-1	2511.97	2538.22	2517.66	2522.62	0.55	ppb
Barium	137-1	2516.98	2517.23	2517.93	2517.38	0.02	ppb
Beryllium	9-1	481.29	484.85	478.21	481.45	0.69	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	492.15	503.29	494.59	496.68	1.18	ppb
Cadmium	106-1	497.15	492.84	494.59	494.86	0.44	ppb
Cadmium	111-1	477.50	498.55	475.31	483.79	2.65	ppb
Calcium	43-1	246424.37	250807.46	253815.15	250348.99	1.48	ppb
Calcium	44-1	248564.55	250126.29	252371.29	250354.04	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.95	496.05	499.62	499.87	0.79	ppb
Cobalt	59-2	490.40	485.10	486.33	487.28	0.57	ppb
Copper	63-2	4717.20	4704.48	4658.56	4693.41	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	127628.06	126106.90	126237.67	126657.54	0.67	ppb
Iron	57-2	127566.57	126324.71	126467.95	126786.41	0.54	ppb
Iron	54-2	127937.00	127479.60	127238.28	127551.63	0.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:44:38	DataFile Name :	095CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2590.47	2565.86	2553.90	2570.08	0.73	ppb
Lead	207-1	2535.54	2556.38	2541.82	2544.58	0.42	ppb
Lead	208-1	2532.08	2552.30	2538.17	2540.85	0.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	249829.40	248990.90	248763.54	249194.61	0.23	ppb
Manganese	55-2	4915.56	4882.40	4877.87	4891.95	0.42	ppb
Molybdenum	94-1	4948.72	5017.54	4999.58	4988.61	0.72	ppb
Molybdenum	95-1	4965.21	4983.82	4969.62	4972.88	0.20	ppb
Molybdenum	96-1	4936.98	5020.78	4989.79	4982.52	0.85	ppb
Molybdenum	97-1	4916.84	4980.52	4971.53	4956.30	0.70	ppb
Molybdenum	98-1	4871.32	4969.55	4914.18	4918.35	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.84	461.17	460.24	461.75	0.40	ppb
Phosphorus	31-2	10034.50	9921.71	9927.59	9961.27	0.64	ppb
Potassium	39-2	123739.60	123745.94	123096.06	123527.20	0.30	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	82-1	465.60	476.07	472.04	471.24	1.12	ppb
Selenium	77-2	466.84	481.73	463.40	470.66	2.07	ppb
Selenium	78-2	476.31	469.31	466.44	470.69	1.08	ppb
Silicon	28-1	450.95	456.68	477.29	461.64	3.00	ppb
Silver	107-1	498.16	501.65	499.79	499.87	0.35	ppb
Silver	109-1	505.76	504.68	497.08	502.51	0.94	ppb
Sodium	23-2	247955.47	246636.77	245715.03	246769.09	0.46	ppb
Strontium	86-1	12280.55	12639.54	12327.25	12415.78	1.57	ppb
Strontium	88-1	12446.68	12577.39	12378.46	12467.51	0.81	ppb
Sulfur	34-1	9634.69	9683.96	9708.82	9675.82	0.39	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	516.59	525.31	512.37	518.09	1.27	ppb
Thallium	205-1	516.11	518.43	515.28	516.61	0.32	ppb
Tin	118-1	506.92	511.13	507.13	508.39	0.47	ppb
Titanium	47-1	4864.25	4899.42	4923.36	4895.68	0.61	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:44:38	DataFile Name :	095CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	511.92	518.65	510.59	513.72	0.84	ppb
Vanadium	51-2	504.95	502.91	502.17	503.35	0.29	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	4675.15	4662.06	4597.85	4645.02	0.89	ppb
Zirconium	90-1	491.52	495.42	497.03	494.65	0.57	ppb
Zirconium	91-1	501.03	497.46	498.90	499.13	0.36	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:52:52	DataFile Name :	096CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.63	-1.66	-1.52	-1.60		ppb
Antimony	121-1	0.02	0.03	0.03	0.03	15.05	ppb
Arsenic	75-2	-0.02	-0.04	0.00	-0.02		ppb
Barium	135-1	-0.08	-0.09	-0.09	-0.09		ppb
Barium	137-1	-0.07	-0.07	-0.08	-0.08		ppb
Beryllium	9-1	-0.05	-0.03	-0.05	-0.04		ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.04	-0.06	-0.03		ppb
Cadmium	106-1	-0.49	-0.62	-1.79	-0.97		ppb
Cadmium	111-1	-0.05	-0.06	-0.14	-0.09		ppb
Calcium	43-1	-9.92	-10.27	-8.34	-9.51		ppb
Calcium	44-1	-11.99	-12.12	-12.24	-12.12		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.04	-0.02	-0.02		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.43	0.45	0.42	0.43	3.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	-3.02	-2.71	-2.73	-2.82		ppb
Iron	57-2	-4.27	-4.08	-4.23	-4.19		ppb
Iron	54-2	-4.26	-3.62	-2.85	-3.58		ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:52:52	DataFile Name :	096CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.09	-0.09	-0.08	-0.09		ppb
Lead	207-1	-0.09	-0.09	-0.08	-0.09		ppb
Lead	208-1	-0.09	-0.09	-0.08	-0.09		ppb
Lithium	6-1				101		%
Magnesium	24-2	-7.23	-7.30	-6.68	-7.07		ppb
Manganese	55-2	-0.14	-0.14	-0.12	-0.13		ppb
Molybdenum	94-1	-0.14	-0.12	-0.10	-0.12		ppb
Molybdenum	95-1	-0.15	-0.15	-0.14	-0.15		ppb
Molybdenum	96-1	-0.16	-0.16	-0.15	-0.15		ppb
Molybdenum	97-1	-0.16	-0.15	-0.14	-0.15		ppb
Molybdenum	98-1	-0.14	-0.14	-0.14	-0.14		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.07	0.08	0.08	12.49	ppb
Phosphorus	31-2	-19.07	-18.51	-18.83	-18.80		ppb
Potassium	39-2	-7.34	-7.11	-7.41	-7.29		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.24	0.16	-0.16	0.08	261.04	ppb
Selenium	77-2	-0.10	0.05	-0.10	-0.05		ppb
Selenium	78-2	-0.55	-0.41	-1.17	-0.71		ppb
Silicon	28-1	-87.35	-86.50	-87.00	-86.95		ppb
Silver	107-1	-0.02	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	-2.19	-2.12	-2.27	-2.19		ppb
Strontium	86-1	-0.50	0.33	-0.15	-0.11		ppb
Strontium	88-1	-0.24	-0.37	-0.34	-0.31		ppb
Sulfur	34-1	-240.10	-188.36	-234.36	-220.94		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.02	0.00	0.01	0.01	58.61	ppb
Titanium	47-1	-0.16	-0.15	-0.16	-0.16		ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:52:52	DataFile Name :	096CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	-0.02	-0.02	0.02	-0.01		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:04:22	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	997	903	850	917	8.10	cps
Antimony	121-1	333	290	317	313	6.98	cps
Arsenic	75-2	50	17	23	30	58.79	cps
Barium	135-1	343	353	520	406	24.47	cps
Barium	137-1	697	623	730	683	7.99	cps
Beryllium	9-1	113	130	160	134	17.59	cps
Bismuth	209-1	9065228	8951470	8868950	8961883	1.10	cps
Bismuth	209-2	7859693	7858569	7797653	7838638	0.45	cps
Bromine	81-1	16429	16379	15752	16187	2.33	cps
Bromine	81-2	193	187	183	188	2.71	cps
Cadmium	108-1	30	23	17	23	28.56	cps
Cadmium	106-1	3424	3450	3567	3480	2.19	cps
Cadmium	111-1	2477	2520	2590	2529	2.26	cps
Calcium	43-1	827	683	600	703	16.30	cps
Calcium	44-1	19950	17640	17460	18350	7.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1317	1323	1223	1288	4.34	cps
Cobalt	59-2	340	353	383	359	6.18	cps
Copper	63-2	2394	2197	2407	2332	5.04	cps
Dysprosium	156-1	27	33	47	36	28.64	cps
Dysprosium	156-2	0	13	13	9	86.60	cps
Erbium	164-1	37	73	67	59	33.16	cps
Erbium	164-2	40	50	47	46	11.18	cps
Gadolinium	160-1	27	50	43	40	30.04	cps
Gadolinium	160-2	543	610	690	614	11.95	cps
Holmium	165-1	15207699	14945602	14918723	15024008	1.06	cps
Holmium	165-2	11116303	10992641	10944792	11017912	0.80	cps
Indium	115-1	12926860	12819497	12854868	12867075	0.43	cps
Indium	115-2	4825271	4830984	4851686	4835980	0.29	cps
Iron	56-2	47615	48364	48311	48097	0.87	cps
Iron	57-2	2144	1817	1910	1957	8.60	cps
Iron	54-2	4254	4181	4331	4255	1.76	cps
Krypton	83-1	233	273	253	253	7.89	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:04:22	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1823	1817	1847	1829	0.86	cps
Lead	207-1	1530	1767	1547	1615	8.18	cps
Lead	208-1	7441	7504	7341	7429	1.11	cps
Lithium	6-1	1639746	1576169	1602943	1606286	1.99	cps
Magnesium	24-2	6568	6315	6545	6476	2.16	cps
Manganese	55-2	1410	1403	1323	1379	3.50	cps
Molybdenum	94-1	1277	1333	1243	1285	3.54	cps
Molybdenum	95-1	1513	1630	1543	1562	3.88	cps
Molybdenum	96-1	1710	1897	1780	1796	5.25	cps
Molybdenum	97-1	1037	993	1027	1019	2.23	cps
Molybdenum	98-1	2340	2524	2484	2449	3.94	cps
Neodymium	150-1	17	3	7	9	78.08	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	590	580	513	561	7.43	cps
Phosphorus	31-2	167	187	170	174	6.14	cps
Potassium	39-2	63783	65196	65149	64709	1.24	cps
Rhodium	103-1	12201881	12173633	12071223	12148912	0.57	cps
Rhodium	103-2	7317125	7398393	7301088	7338869	0.71	cps
Scandium	45-1	7143020	7148401	7193008	7161476	0.38	cps
Scandium	45-2	637212	640553	631737	636500	0.70	cps
Selenium	82-1	257	212	200	223	13.48	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	533	563	510	536	4.99	cps
Silicon	28-1	1217071	1228125	1210753	1218650	0.72	cps
Silver	107-1	439	479	476	465	4.78	cps
Silver	109-1	400	427	410	412	3.27	cps
Sodium	23-2	30570	31272	30554	30799	1.33	cps
Strontium	86-1	487	457	437	460	5.47	cps
Strontium	88-1	1073	950	1040	1021	6.25	cps
Sulfur	34-1	210013	211422	210549	210661	0.34	cps
Terbium	159-1	15586299	15245741	15326444	15386161	1.16	cps
Terbium	159-2	11008654	10900743	10918149	10942516	0.53	cps
Thallium	203-1	690	637	687	671	4.45	cps
Thallium	205-1	1337	1467	1497	1433	5.93	cps
Tin	118-1	2127	2207	2110	2148	2.41	cps
Titanium	47-1	433	513	503	483	9.02	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:04:22	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	700	643	770	704	9.01	cps
Vanadium	51-2	150	100	147	132	21.14	cps
Yttrium	89-1	15377204	15215798	15276099	15289700	0.53	cps
Yttrium	89-2	4177811	4197064	4124520	4166465	0.90	cps
Zinc	66-2	630	650	663	648	2.59	cps
Zirconium	90-1	1250	1070	1203	1175	7.95	cps
Zirconium	91-1	277	210	247	244	13.66	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:10:54	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7122	7292	7015	7143	1.95	cps
Antimony	121-1	30679	31030	30232	30647	1.31	cps
Arsenic	75-2	890	947	973	937	4.54	cps
Barium	135-1	37225	37155	37573	37318	0.60	cps
Barium	137-1	64803	64191	64887	64627	0.59	cps
Beryllium	9-1	1687	1717	1660	1688	1.68	cps
Bismuth	209-1	9195179	9499762	9535746	9410229	1.99	cps
Bismuth	209-2	8197264	8091039	8063214	8117172	0.87	cps
Bromine	81-1	17023	16826	17097	16982	0.82	cps
Bromine	81-2	163	130	207	167	23.07	cps
Cadmium	108-1	333	290	293	306	7.89	cps
Cadmium	106-1	4397	4307	3937	4214	5.79	cps
Cadmium	111-1	7027	6857	6749	6877	2.04	cps
Calcium	43-1	22196	22183	22530	22303	0.88	cps
Calcium	44-1	362421	365297	369237	365652	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14400	14400	14140	14314	1.05	cps
Cobalt	59-2	11211	10831	11118	11053	1.79	cps
Copper	63-2	15702	15545	15792	15679	0.80	cps
Dysprosium	156-1	17	30	27	24	28.38	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	87	77	53	72	23.69	cps
Erbium	164-2	30	67	27	41	53.99	cps
Gadolinium	160-1	53	63	57	58	8.81	cps
Gadolinium	160-2	717	747	730	731	2.06	cps
Holmium	165-1	15367199	15316472	15240906	15308192	0.42	cps
Holmium	165-2	11306761	11334669	11315301	11318910	0.13	cps
Indium	115-1	13338893	13161293	13193124	13231103	0.72	cps
Indium	115-2	5013240	4966764	5039790	5006598	0.74	cps
Iron	56-2	337540	335143	334462	335715	0.48	cps
Iron	57-2	9486	9386	9927	9600	2.99	cps
Iron	54-2	20841	20387	21035	20754	1.60	cps
Krypton	83-1	253	323	293	290	12.11	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:10:54	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11662	11935	11688	11762	1.28	cps
Lead	207-1	10207	9840	10050	10033	1.84	cps
Lead	208-1	46047	46732	46007	46262	0.88	cps
Lithium	6-1	1623996	1654734	1651456	1643395	1.03	cps
Magnesium	24-2	292153	292822	291633	292203	0.20	cps
Manganese	55-2	5851	5748	5608	5736	2.13	cps
Molybdenum	94-1	31263	32296	31678	31746	1.64	cps
Molybdenum	95-1	39533	39176	38551	39086	1.27	cps
Molybdenum	96-1	43093	43909	42792	43265	1.34	cps
Molybdenum	97-1	24107	24521	23956	24194	1.21	cps
Molybdenum	98-1	61181	62851	62315	62116	1.37	cps
Neodymium	150-1	10	10	7	9	21.63	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	3324	3244	3327	3298	1.43	cps
Phosphorus	31-2	663	760	803	742	9.66	cps
Potassium	39-2	441671	444822	444120	443537	0.37	cps
Rhodium	103-1	12456248	12486951	12685771	12542990	0.99	cps
Rhodium	103-2	7666884	7612951	7478767	7586201	1.28	cps
Scandium	45-1	7300173	7370621	7398761	7356518	0.69	cps
Scandium	45-2	654447	655940	647883	652757	0.66	cps
Selenium	82-1	1436	1370	1391	1399	2.42	cps
Selenium	77-2	137	120	133	130	6.79	cps
Selenium	78-2	1033	1097	1000	1043	4.71	cps
Silicon	28-1	1206438	1178946	1193046	1192810	1.15	cps
Silver	107-1	19746	20309	20179	20078	1.47	cps
Silver	109-1	18879	18358	18709	18649	1.42	cps
Sodium	23-2	463786	466169	466039	465331	0.29	cps
Strontium	86-1	5478	5491	5251	5407	2.50	cps
Strontium	88-1	43544	43267	43721	43511	0.53	cps
Sulfur	34-1	223230	221910	220829	221990	0.54	cps
Terbium	159-1	15722827	15921694	15646273	15763598	0.90	cps
Terbium	159-2	11270519	11289014	11117524	11225685	0.84	cps
Thallium	203-1	13216	13594	13684	13498	1.84	cps
Thallium	205-1	32910	33147	32659	32905	0.74	cps
Tin	118-1	66673	66084	65997	66251	0.56	cps
Titanium	47-1	9843	9700	9613	9719	1.20	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:10:54	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39141	38613	38636	38796	0.77	cps
Vanadium	51-2	28320	28467	28430	28406	0.27	cps
Yttrium	89-1	15514516	15924902	15872621	15770680	1.42	cps
Yttrium	89-2	4317503	4288698	4253876	4286692	0.74	cps
Zinc	66-2	7605	7345	7625	7525	2.08	cps
Zirconium	90-1	27202	27299	26738	27079	1.11	cps
Zirconium	91-1	5978	6091	5848	5972	2.04	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:14:09	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328563	326071	325525	326720	0.50	cps
Antimony	121-1	728383	736038	729357	731259	0.57	cps
Arsenic	75-2	40338	40114	39345	39932	1.30	cps
Barium	135-1	905410	904267	898398	902691	0.42	cps
Barium	137-1	1559522	1614062	1610993	1594859	1.92	cps
Beryllium	9-1	77984	79020	76973	77992	1.31	cps
Bismuth	209-1	9551605	9574623	9283567	9469932	1.71	cps
Bismuth	209-2	8120260	8244070	8123673	8162668	0.86	cps
Bromine	81-1	16376	16906	16573	16618	1.61	cps
Bromine	81-2	263	260	270	264	1.92	cps
Cadmium	108-1	14838	14854	14517	14736	1.29	cps
Cadmium	106-1	24370	24377	23876	24208	1.19	cps
Cadmium	111-1	203015	204450	202364	203276	0.53	cps
Calcium	43-1	208299	207218	207573	207697	0.27	cps
Calcium	44-1	3263614	3228696	3170030	3220780	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	301774	299002	300565	300447	0.46	cps
Cobalt	59-2	480187	478423	474706	477772	0.59	cps
Copper	63-2	3583437	3589083	3510343	3560954	1.23	cps
Dysprosium	156-1	27	33	50	37	32.78	cps
Dysprosium	156-2	67	63	80	70	12.60	cps
Erbium	164-1	67	70	90	76	16.70	cps
Erbium	164-2	77	43	33	51	44.40	cps
Gadolinium	160-1	60	53	53	56	6.93	cps
Gadolinium	160-2	650	667	667	661	1.46	cps
Holmium	165-1	15528166	15643364	15431594	15534375	0.68	cps
Holmium	165-2	11396452	11384023	11316483	11365653	0.38	cps
Indium	115-1	13351082	13087993	13158040	13199039	1.03	cps
Indium	115-2	4889563	4849518	4827816	4855632	0.65	cps
Iron	56-2	14167496	14039381	13945797	14050891	0.79	cps
Iron	57-2	363784	361169	358727	361227	0.70	cps
Iron	54-2	810090	798554	798046	802230	0.85	cps
Krypton	83-1	260	263	200	241	14.78	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:14:09	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2729210	2799418	2791146	2773258	1.38	cps
Lead	207-1	2450998	2488238	2432131	2457123	1.16	cps
Lead	208-1	11108194	11237804	11069879	11138626	0.79	cps
Lithium	6-1	1693594	1652559	1657884	1668013	1.34	cps
Magnesium	24-2	2619816	2616953	2645686	2627485	0.60	cps
Manganese	55-2	2408531	2402108	2337213	2382617	1.66	cps
Molybdenum	94-1	2612264	2572564	2581167	2588665	0.81	cps
Molybdenum	95-1	3791532	3760177	3756522	3769410	0.51	cps
Molybdenum	96-1	4152597	4162953	4088393	4134648	0.98	cps
Molybdenum	97-1	2357584	2358995	2308594	2341724	1.23	cps
Molybdenum	98-1	6098838	6067975	5960677	6042497	1.20	cps
Neodymium	150-1	80	73	50	68	23.24	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	123849	122411	121615	122625	0.92	cps
Phosphorus	31-2	16789	15855	16449	16364	2.89	cps
Potassium	39-2	1782306	1793495	1768984	1781595	0.69	cps
Rhodium	103-1	12422017	12401736	12143035	12322263	1.26	cps
Rhodium	103-2	7422184	7349601	7326809	7366198	0.68	cps
Scandium	45-1	7387634	7261046	7218836	7289172	1.21	cps
Scandium	45-2	633246	624279	623991	627172	0.84	cps
Selenium	82-1	12384	12583	12349	12439	1.02	cps
Selenium	77-2	1200	1250	1220	1223	2.06	cps
Selenium	78-2	4711	4407	4781	4633	4.28	cps
Silicon	28-1	1459334	1463727	1455909	1459657	0.27	cps
Silver	107-1	986441	996243	985289	989325	0.61	cps
Silver	109-1	929149	940526	935064	934913	0.61	cps
Sodium	23-2	4304623	4270228	4289165	4288005	0.40	cps
Strontium	86-1	233939	235094	234626	234553	0.25	cps
Strontium	88-1	2106655	2073910	2079864	2086810	0.84	cps
Sulfur	34-1	277871	278231	276866	277656	0.25	cps
Terbium	159-1	15948358	15833536	15973594	15918496	0.47	cps
Terbium	159-2	10982123	11245564	11185815	11137834	1.24	cps
Thallium	203-1	653874	657033	660123	657010	0.48	cps
Thallium	205-1	1536252	1560491	1552812	1549852	0.80	cps
Tin	118-1	605671	609328	613451	609483	0.64	cps
Titanium	47-1	922693	922928	915344	920321	0.47	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:14:09	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2058725	2051796	2051966	2054162	0.19	cps
Vanadium	51-2	262810	261168	258952	260977	0.74	cps
Yttrium	89-1	15691930	15488351	15529252	15569844	0.69	cps
Yttrium	89-2	4169448	4174078	4118961	4154163	0.74	cps
Zinc	66-2	586900	585195	579176	583757	0.70	cps
Zirconium	90-1	1255556	1254857	1247669	1252694	0.35	cps
Zirconium	91-1	279413	280459	278513	279461	0.35	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:17:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	752097	743168	738040	744435	0.96	cps
Antimony	121-1	1754084	1773296	1826125	1784502	2.09	cps
Arsenic	75-2	90514	88793	89350	89552	0.98	cps
Barium	135-1	2242613	2253764	2224377	2240251	0.66	cps
Barium	137-1	3815633	3873912	3776664	3822070	1.28	cps
Beryllium	9-1	187425	186610	185802	186613	0.43	cps
Bismuth	209-1	9322589	9294410	9403111	9340037	0.60	cps
Bismuth	209-2	7954971	7986584	7841566	7927707	0.96	cps
Bromine	81-1	14954	14888	14040	14627	3.48	cps
Bromine	81-2	143	120	113	126	12.55	cps
Cadmium	108-1	34448	34765	34006	34406	1.11	cps
Cadmium	106-1	51852	51745	51206	51601	0.67	cps
Cadmium	111-1	472007	474875	471137	472673	0.41	cps
Calcium	43-1	484146	481856	479004	481669	0.53	cps
Calcium	44-1	7426779	7449257	7458902	7444979	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	687270	679564	671186	679340	1.18	cps
Cobalt	59-2	1084030	1078665	1062251	1074982	1.06	cps
Copper	63-2	8139291	8086827	7944386	8056834	1.25	cps
Dysprosium	156-1	50	30	40	40	25.00	cps
Dysprosium	156-2	107	110	87	101	12.48	cps
Erbium	164-1	90	107	63	87	25.22	cps
Erbium	164-2	63	50	67	60	14.70	cps
Gadolinium	160-1	73	63	67	68	7.51	cps
Gadolinium	160-2	640	580	733	651	11.87	cps
Holmium	165-1	15393544	15020690	15096504	15170246	1.30	cps
Holmium	165-2	11134869	11162378	10959433	11085560	0.99	cps
Indium	115-1	12612722	12330150	12374574	12439149	1.22	cps
Indium	115-2	4522030	4517452	4525881	4521788	0.09	cps
Iron	56-2	32754084	32308905	32158785	32407258	0.96	cps
Iron	57-2	835136	821237	821537	825970	0.96	cps
Iron	54-2	1814866	1812489	1779201	1802185	1.11	cps
Krypton	83-1	233	223	240	232	3.61	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:17:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6645710	6753727	6756443	6718626	0.94	cps
Lead	207-1	5964181	6012034	6023073	5999763	0.52	cps
Lead	208-1	26909560	27152683	27374785	27145676	0.86	cps
Lithium	6-1	1625110	1648381	1608482	1627324	1.23	cps
Magnesium	24-2	6034128	5915593	5872468	5940729	1.41	cps
Manganese	55-2	5542561	5492756	5502321	5512546	0.48	cps
Molybdenum	94-1	6094467	6166864	6134053	6131795	0.59	cps
Molybdenum	95-1	8870940	8957971	8790432	8873114	0.94	cps
Molybdenum	96-1	9789495	9756540	9722994	9756343	0.34	cps
Molybdenum	97-1	5557152	5549668	5555052	5553957	0.07	cps
Molybdenum	98-1	14253635	14258006	14150890	14220844	0.43	cps
Neodymium	150-1	120	133	120	124	6.19	cps
Neodymium	150-2	30	37	43	37	18.18	cps
Nickel	60-2	278132	273030	274836	275333	0.94	cps
Phosphorus	31-2	37222	36032	35939	36398	1.97	cps
Potassium	39-2	3969454	3896449	3865649	3910517	1.36	cps
Rhodium	103-1	11711007	11668197	11560365	11646523	0.67	cps
Rhodium	103-2	6955276	6825163	6728016	6836152	1.67	cps
Scandium	45-1	6927148	6857555	6801288	6861997	0.92	cps
Scandium	45-2	574937	571689	565451	570692	0.84	cps
Selenium	82-1	28608	28540	28138	28429	0.89	cps
Selenium	77-2	2890	2847	2810	2849	1.41	cps
Selenium	78-2	10517	10290	10100	10303	2.03	cps
Silicon	28-1	1818831	1815805	1808659	1814432	0.29	cps
Silver	107-1	2400881	2417912	2347832	2388875	1.53	cps
Silver	109-1	2258348	2261962	2225663	2248658	0.89	cps
Sodium	23-2	9858427	9693922	9712176	9754842	0.92	cps
Strontium	86-1	548682	554384	547116	550061	0.70	cps
Strontium	88-1	4912089	4894358	4901756	4902734	0.18	cps
Sulfur	34-1	340228	335616	332864	336236	1.11	cps
Terbium	159-1	15580591	15456175	15421475	15486080	0.54	cps
Terbium	159-2	10839324	10794522	10655027	10762957	0.89	cps
Thallium	203-1	1589899	1596632	1602371	1596301	0.39	cps
Thallium	205-1	3989895	4111602	4029143	4043547	1.54	cps
Tin	118-1	1429431	1438539	1439321	1435764	0.38	cps
Titanium	47-1	2203209	2194751	2148648	2182203	1.35	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:17:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5057247	5149741	5153915	5120301	1.07	cps
Vanadium	51-2	596807	591252	587264	591775	0.81	cps
Yttrium	89-1	15001067	14633359	14539216	14724547	1.66	cps
Yttrium	89-2	3917191	3861846	3739940	3839659	2.36	cps
Zinc	66-2	1343681	1322753	1318263	1328232	1.02	cps
Zirconium	90-1	3037805	2983356	3018664	3013275	0.92	cps
Zirconium	91-1	657101	660533	652751	656795	0.59	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:19:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1389954	1367459	1373951	1377121	0.84	cps
Antimony	121-1	3409033	3366863	3330595	3368831	1.17	cps
Arsenic	75-2	164898	163341	161740	163327	0.97	cps
Barium	135-1	4276903	4212784	4227782	4239156	0.79	cps
Barium	137-1	7264959	7311924	7223982	7266955	0.61	cps
Beryllium	9-1	361807	367151	365761	364906	0.76	cps
Bismuth	209-1	9228457	9178487	9022460	9143135	1.18	cps
Bismuth	209-2	7852679	7806977	7829766	7829807	0.29	cps
Bromine	81-1	12112	11705	11755	11857	1.87	cps
Bromine	81-2	107	113	153	124	20.28	cps
Cadmium	108-1	63374	63254	61968	62865	1.24	cps
Cadmium	106-1	92579	91854	90342	91592	1.25	cps
Cadmium	111-1	876553	885137	869974	877221	0.87	cps
Calcium	43-1	879319	874641	850332	868097	1.79	cps
Calcium	44-1	13689466	13612511	13145377	13482451	2.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1228269	1220457	1217409	1222045	0.46	cps
Cobalt	59-2	2007574	1991835	1966344	1988584	1.05	cps
Copper	63-2	14489119	14431881	14362882	14427960	0.44	cps
Dysprosium	156-1	73	67	73	71	5.41	cps
Dysprosium	156-2	260	210	197	222	15.03	cps
Erbium	164-1	83	60	120	88	34.46	cps
Erbium	164-2	33	50	53	46	23.52	cps
Gadolinium	160-1	100	73	113	96	21.32	cps
Gadolinium	160-2	600	707	643	650	8.25	cps
Holmium	165-1	14889099	14470895	14435189	14598394	1.73	cps
Holmium	165-2	10936709	10733879	10796520	10822370	0.96	cps
Indium	115-1	11886170	11550407	11326222	11587599	2.43	cps
Indium	115-2	4224006	4274078	4211723	4236602	0.78	cps
Iron	56-2	58860799	58756377	58561631	58726269	0.26	cps
Iron	57-2	1471791	1478455	1481969	1477405	0.35	cps
Iron	54-2	3244826	3267737	3216545	3243036	0.79	cps
Krypton	83-1	190	180	157	176	9.74	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:19:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13190254	13122052	13151506	13154604	0.26	cps
Lead	207-1	11757246	11776409	11684250	11739302	0.41	cps
Lead	208-1	53176707	53424583	52995297	53198862	0.41	cps
Lithium	6-1	1619678	1573469	1561212	1584786	1.95	cps
Magnesium	24-2	10913456	10674707	10732107	10773423	1.16	cps
Manganese	55-2	10011560	10030473	9915990	9986008	0.61	cps
Molybdenum	94-1	11398755	11307782	11138844	11281794	1.17	cps
Molybdenum	95-1	16492650	16522627	16039467	16351581	1.66	cps
Molybdenum	96-1	18043615	18122786	17468456	17878286	2.00	cps
Molybdenum	97-1	10313087	10245831	9929375	10162764	2.02	cps
Molybdenum	98-1	26518822	26275913	25581115	26125283	1.86	cps
Neodymium	150-1	213	220	227	220	3.03	cps
Neodymium	150-2	33	57	47	46	25.70	cps
Nickel	60-2	488936	489932	486984	488617	0.31	cps
Phosphorus	31-2	66065	64669	63769	64834	1.78	cps
Potassium	39-2	6923205	6970580	6918562	6937449	0.41	cps
Rhodium	103-1	11052508	10643464	10402957	10699643	3.07	cps
Rhodium	103-2	6417785	6399644	6392064	6403165	0.21	cps
Scandium	45-1	6503547	6172074	6027281	6234301	3.92	cps
Scandium	45-2	518394	513911	514467	515591	0.47	cps
Selenium	82-1	52631	53108	51697	52479	1.37	cps
Selenium	77-2	5458	5261	5231	5317	2.32	cps
Selenium	78-2	17884	18221	17647	17918	1.61	cps
Silicon	28-1	2398014	2367403	2339753	2368390	1.23	cps
Silver	107-1	4384212	4348803	4239385	4324133	1.75	cps
Silver	109-1	4192742	4124884	4111190	4142939	1.05	cps
Sodium	23-2	17943303	17688114	17618212	17749876	0.96	cps
Strontium	86-1	1014063	1012480	991346	1005963	1.26	cps
Strontium	88-1	9096260	9083797	8868456	9016171	1.42	cps
Sulfur	34-1	427367	425376	410727	421157	2.16	cps
Terbium	159-1	15299105	14891813	14795037	14995318	1.78	cps
Terbium	159-2	10769774	10480458	10429515	10559916	1.74	cps
Thallium	203-1	3306338	3313335	3312086	3310586	0.11	cps
Thallium	205-1	7786941	7857580	7776903	7807141	0.56	cps
Tin	118-1	2774461	2766500	2702097	2747686	1.44	cps
Titanium	47-1	3918075	3897758	3887430	3901088	0.40	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:19:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9984314	10353204	10174546	10170688	1.81	cps
Vanadium	51-2	1070983	1068045	1059550	1066192	0.56	cps
Yttrium	89-1	14111321	13572556	13298764	13660880	3.03	cps
Yttrium	89-2	3649349	3588967	3542245	3593520	1.49	cps
Zinc	66-2	2493978	2425179	2488352	2469170	1.55	cps
Zirconium	90-1	5586231	5527042	5533760	5549011	0.58	cps
Zirconium	91-1	1213915	1214615	1188312	1205614	1.24	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:22:45	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2662864	2715770	2683318	2687317	0.99	cps
Antimony	121-1	6342684	6491417	6507411	6447171	1.41	cps
Arsenic	75-2	321625	318845	318652	319708	0.52	cps
Barium	135-1	8143813	8225933	8240434	8203393	0.64	cps
Barium	137-1	13975436	14147544	14178111	14100363	0.77	cps
Beryllium	9-1	701293	711083	697807	703395	0.98	cps
Bismuth	209-1	9011804	9022689	9075156	9036549	0.37	cps
Bismuth	209-2	7754114	7700107	7765623	7739948	0.45	cps
Bromine	81-1	11218	11485	11191	11298	1.44	cps
Bromine	81-2	103	117	100	107	8.27	cps
Cadmium	108-1	118066	120996	119440	119500	1.23	cps
Cadmium	106-1	171742	171114	173003	171953	0.56	cps
Cadmium	111-1	1696773	1712973	1708414	1706053	0.49	cps
Calcium	43-1	1608919	1591346	1591607	1597291	0.63	cps
Calcium	44-1	25419341	25705776	25553380	25559499	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2426361	2399465	2422411	2416079	0.60	cps
Cobalt	59-2	3847018	3831055	3852761	3843611	0.29	cps
Copper	63-2	28035947	28030335	27983571	28016618	0.10	cps
Dysprosium	156-1	123	123	137	128	6.03	cps
Dysprosium	156-2	343	317	357	339	6.01	cps
Erbium	164-1	133	127	143	134	6.24	cps
Erbium	164-2	80	90	77	82	8.44	cps
Gadolinium	160-1	117	107	117	113	5.09	cps
Gadolinium	160-2	583	577	630	597	4.87	cps
Holmium	165-1	14629175	14565599	14602486	14599087	0.22	cps
Holmium	165-2	10981337	10775246	10862936	10873173	0.95	cps
Indium	115-1	11145189	11201295	11138391	11161625	0.31	cps
Indium	115-2	4221267	4191585	4150551	4187801	0.85	cps
Iron	56-2	114865128	114060538	113679832	114201833	0.53	cps
Iron	57-2	2873868	2865066	2849303	2862745	0.43	cps
Iron	54-2	6288172	6279409	6248603	6272061	0.33	cps
Krypton	83-1	223	253	197	224	12.63	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:22:45	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26273411	26428825	26200007	26300748	0.44	cps
Lead	207-1	23029795	23163175	23171024	23121331	0.34	cps
Lead	208-1	105256108	105848858	105600000	105568322	0.28	cps
Lithium	6-1	1567383	1535241	1569440	1557355	1.23	cps
Magnesium	24-2	21058313	21189679	21105395	21117796	0.32	cps
Manganese	55-2	19449528	19403623	19304276	19385809	0.38	cps
Molybdenum	94-1	21468573	21663939	21495541	21542684	0.49	cps
Molybdenum	95-1	31365854	31416859	31356545	31379752	0.10	cps
Molybdenum	96-1	34289591	34548455	34304000	34380682	0.42	cps
Molybdenum	97-1	19436206	19586491	19451518	19491405	0.42	cps
Molybdenum	98-1	50043539	50319329	50472363	50278410	0.43	cps
Neodymium	150-1	360	433	367	387	10.49	cps
Neodymium	150-2	123	63	93	93	32.15	cps
Nickel	60-2	954068	940191	938409	944223	0.91	cps
Phosphorus	31-2	125926	125159	125923	125669	0.35	cps
Potassium	39-2	13632253	13491804	13653579	13592545	0.65	cps
Rhodium	103-1	10067567	10050425	10103604	10073865	0.27	cps
Rhodium	103-2	6301953	6243371	6200192	6248506	0.82	cps
Scandium	45-1	5853423	5879251	5873702	5868792	0.23	cps
Scandium	45-2	509982	503737	505498	506406	0.64	cps
Selenium	82-1	97922	98895	98699	98505	0.52	cps
Selenium	77-2	10237	10457	10003	10233	2.22	cps
Selenium	78-2	34330	34096	34757	34394	0.98	cps
Silicon	28-1	3499357	3609986	3614025	3574456	1.82	cps
Silver	107-1	8154888	8372859	8323955	8283901	1.38	cps
Silver	109-1	7720186	7807560	7816153	7781300	0.68	cps
Sodium	23-2	34613835	34715482	34576081	34635133	0.21	cps
Strontium	86-1	1962314	1972182	1952145	1962214	0.51	cps
Strontium	88-1	17131200	17369808	17285631	17262213	0.70	cps
Sulfur	34-1	598378	608307	608138	604941	0.94	cps
Terbium	159-1	14684496	14683107	14744827	14704143	0.24	cps
Terbium	159-2	10675325	10618769	10547867	10613987	0.60	cps
Thallium	203-1	6559724	6670169	6608783	6612892	0.84	cps
Thallium	205-1	15541360	15673271	15449304	15554645	0.72	cps
Tin	118-1	5320106	5356589	5390224	5355640	0.65	cps
Titanium	47-1	7367062	7450753	7390326	7402714	0.58	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:22:45	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20120291	20461529	20523268	20368363	1.07	cps
Vanadium	51-2	2151544	2119002	2111719	2127422	1.00	cps
Yttrium	89-1	12990526	13065629	12990672	13015609	0.33	cps
Yttrium	89-2	3552238	3553282	3564514	3556678	0.19	cps
Zinc	66-2	4784742	4772545	4755272	4770853	0.31	cps
Zirconium	90-1	10567855	10712639	10694399	10658298	0.74	cps
Zirconium	91-1	2303778	2328656	2363980	2332138	1.30	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:25:28	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5359364	5282054	5355701	5332373	0.82	cps
Antimony	121-1	12774680	12880315	12911573	12855523	0.56	cps
Arsenic	75-2	636098	635229	639581	636969	0.36	cps
Barium	135-1	16192406	16319612	16313347	16275122	0.44	cps
Barium	137-1	27718957	28322468	28191134	28077520	1.13	cps
Beryllium	9-1	1394732	1413214	1370252	1392733	1.55	cps
Bismuth	209-1	9007350	9003500	8980024	8996958	0.16	cps
Bismuth	209-2	7709618	7658774	7687266	7685219	0.33	cps
Bromine	81-1	11371	11264	11565	11400	1.34	cps
Bromine	81-2	110	123	130	121	8.41	cps
Cadmium	108-1	232890	237595	235288	235258	1.00	cps
Cadmium	106-1	327096	332173	330231	329834	0.78	cps
Cadmium	111-1	3313476	3318234	3368056	3333256	0.91	cps
Calcium	43-1	3088361	3116647	3192413	3132474	1.72	cps
Calcium	44-1	50016179	50776188	50827636	50540001	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4831124	4800261	4747225	4792870	0.89	cps
Cobalt	59-2	7528949	7601536	7643433	7591306	0.76	cps
Copper	63-2	55457404	55387321	55360803	55401843	0.09	cps
Dysprosium	156-1	273	220	250	248	10.79	cps
Dysprosium	156-2	753	887	743	794	10.07	cps
Erbium	164-1	140	143	163	149	8.48	cps
Erbium	164-2	140	110	110	120	14.43	cps
Gadolinium	160-1	127	173	150	150	15.56	cps
Gadolinium	160-2	690	690	723	701	2.74	cps
Holmium	165-1	14778209	14470399	14819748	14689452	1.30	cps
Holmium	165-2	11105132	10938102	10946909	10996714	0.85	cps
Indium	115-1	11068389	10983496	11066094	11039326	0.44	cps
Indium	115-2	4194377	4155910	4155218	4168502	0.54	cps
Iron	56-2	227878030	229178877	227976803	228344570	0.32	cps
Iron	57-2	5704524	5678410	5661466	5681467	0.38	cps
Iron	54-2	12527662	12487804	12514214	12509893	0.16	cps
Krypton	83-1	203	237	227	222	7.70	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:25:28	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	51563051	51621313	51746689	51643684	0.18	cps
Lead	207-1	45560139	45711609	45837458	45703069	0.30	cps
Lead	208-1	209113922	208330757	208513722	208652800	0.20	cps
Lithium	6-1	1524581	1532091	1509645	1522106	0.75	cps
Magnesium	24-2	41530974	42288502	41575453	41798310	1.02	cps
Manganese	55-2	38801473	39007178	38796473	38868374	0.31	cps
Molybdenum	94-1	42311561	42855086	42820906	42662518	0.71	cps
Molybdenum	95-1	61495691	62501151	62637074	62211305	1.00	cps
Molybdenum	96-1	67786904	68056314	68354751	68065990	0.42	cps
Molybdenum	97-1	38554086	38911670	38957098	38807618	0.57	cps
Molybdenum	98-1	100194582	100829645	100711149	100578459	0.34	cps
Neodymium	150-1	750	720	790	753	4.66	cps
Neodymium	150-2	190	187	180	186	2.74	cps
Nickel	60-2	1924234	1953800	1901958	1926664	1.35	cps
Phosphorus	31-2	252713	251053	249461	251076	0.65	cps
Potassium	39-2	26946049	27158705	26989868	27031540	0.42	cps
Rhodium	103-1	9990035	9988403	9912732	9963723	0.44	cps
Rhodium	103-2	6242476	6254652	6232072	6243066	0.18	cps
Scandium	45-1	5794593	5892270	5871053	5852639	0.88	cps
Scandium	45-2	519175	515271	517218	517221	0.38	cps
Selenium	82-1	192073	192515	192827	192472	0.20	cps
Selenium	77-2	20154	19603	20127	19961	1.56	cps
Selenium	78-2	68096	66153	67242	67164	1.45	cps
Silicon	28-1	5950978	6114642	6196993	6087538	2.06	cps
Silver	107-1	16018568	16153131	16100791	16090830	0.42	cps
Silver	109-1	15121167	15184018	15220737	15175307	0.33	cps
Sodium	23-2	68448309	69131724	68492376	68690803	0.56	cps
Strontium	86-1	3889133	3960561	3922129	3923941	0.91	cps
Strontium	88-1	34032969	34208249	34316565	34185928	0.42	cps
Sulfur	34-1	1010942	1022575	1024329	1019282	0.71	cps
Terbium	159-1	15064768	14798154	14874257	14912393	0.92	cps
Terbium	159-2	10891204	10700918	10654689	10748937	1.17	cps
Thallium	203-1	12853579	12932394	13045006	12943660	0.74	cps
Thallium	205-1	30742032	30805358	30983707	30843699	0.41	cps
Tin	118-1	10482281	10569856	10579278	10543805	0.51	cps
Titanium	47-1	14704117	14871625	14773753	14783165	0.57	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:25:28	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40892281	40860703	40872834	40875273	0.04	cps
Vanadium	51-2	4274208	4266970	4215659	4252279	0.75	cps
Yttrium	89-1	13150351	13000894	13128815	13093353	0.62	cps
Yttrium	89-2	3625141	3554879	3616436	3598819	1.06	cps
Zinc	66-2	9383010	9301308	9235761	9306693	0.79	cps
Zirconium	90-1	21166133	21319772	21213334	21233080	0.37	cps
Zirconium	91-1	4650931	4679923	4718960	4683271	0.73	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:28:14	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29496672	29268065	29760505	29508414	0.84	cps
Antimony	121-1	8099	7112	6275	7162	12.75	cps
Arsenic	75-2	357	380	367	368	3.18	cps
Barium	135-1	8893	7899	7399	8063	9.43	cps
Barium	137-1	14948	13513	12736	13732	8.17	cps
Beryllium	9-1	567	470	473	503	10.90	cps
Bismuth	209-1	8295851	8117429	8061174	8158151	1.50	cps
Bismuth	209-2	7051772	7006006	6958929	7005569	0.66	cps
Bromine	81-1	12892	13336	13506	13245	2.39	cps
Bromine	81-2	123	173	193	163	22.07	cps
Cadmium	108-1	123	133	130	129	3.95	cps
Cadmium	106-1	3494	3254	3414	3387	3.61	cps
Cadmium	111-1	3235	2939	3004	3060	5.07	cps
Calcium	43-1	15625338	15788407	15900618	15771454	0.88	cps
Calcium	44-1	250256670	256075063	258688456	255006730	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9315	7695	8029	8347	10.25	cps
Cobalt	59-2	21072	21783	21218	21358	1.76	cps
Copper	63-2	11354	10954	10884	11064	2.29	cps
Dysprosium	156-1	500	453	520	491	6.97	cps
Dysprosium	156-2	380	423	397	400	5.46	cps
Erbium	164-1	490	573	607	557	10.80	cps
Erbium	164-2	390	460	373	408	11.28	cps
Gadolinium	160-1	447	487	497	477	5.55	cps
Gadolinium	160-2	953	923	883	920	3.82	cps
Holmium	165-1	14766524	14452689	14395977	14538397	1.37	cps
Holmium	165-2	10849973	10868102	10677377	10798484	0.97	cps
Indium	115-1	11245994	10821201	10782212	10949802	2.35	cps
Indium	115-2	4169160	4242824	4210344	4207443	0.88	cps
Iron	56-2	1176723902	1174592783	1198288595	1183201760	1.11	cps
Iron	57-2	29273816	29391613	29977403	29547611	1.28	cps
Iron	54-2	63509211	63831459	64833944	64058205	1.08	cps
Krypton	83-1	293	280	303	292	4.01	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:28:14	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17962	15746	14027	15912	12.40	cps
Lead	207-1	16383	13470	12539	14131	14.19	cps
Lead	208-1	72365	62654	56292	63770	12.69	cps
Lithium	6-1	1522834	1497078	1500999	1506970	0.92	cps
Magnesium	24-2	228698777	229095843	232727797	230174139	0.96	cps
Manganese	55-2	19693	19633	18975	19434	2.05	cps
Molybdenum	94-1	15755	13683	11605	13681	15.17	cps
Molybdenum	95-1	17277	13530	11331	14046	21.40	cps
Molybdenum	96-1	28855	24414	22908	25392	12.18	cps
Molybdenum	97-1	10494	8046	7352	8630	19.13	cps
Molybdenum	98-1	26190	20952	17901	21681	19.34	cps
Neodymium	150-1	290	233	257	260	10.95	cps
Neodymium	150-2	183	183	150	172	11.18	cps
Nickel	60-2	8162	8162	8232	8186	0.49	cps
Phosphorus	31-2	363	313	310	329	9.08	cps
Potassium	39-2	147225678	146849344	148841098	147638707	0.72	cps
Rhodium	103-1	9693981	9378329	9406717	9493009	1.84	cps
Rhodium	103-2	5963879	5987301	6026883	5992688	0.53	cps
Scandium	45-1	6029411	5995189	5984118	6002906	0.39	cps
Scandium	45-2	550657	553324	557958	553979	0.67	cps
Selenium	82-1	371	337	340	349	5.43	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	383	423	433	413	6.40	cps
Silicon	28-1	751892	747350	741419	746887	0.70	cps
Silver	107-1	4596	3778	3174	3849	18.55	cps
Silver	109-1	4177	3567	2890	3545	18.16	cps
Sodium	23-2	370469701	371535741	376222594	372742679	0.82	cps
Strontium	86-1	12646	12419	12125	12396	2.10	cps
Strontium	88-1	103222	103111	104618	103650	0.81	cps
Sulfur	34-1	164050	167106	176388	169181	3.80	cps
Terbium	159-1	14836309	14682224	14614608	14711047	0.77	cps
Terbium	159-2	10597401	10461605	10569554	10542854	0.68	cps
Thallium	203-1	3024	2320	1970	2438	22.01	cps
Thallium	205-1	7395	5938	4447	5927	24.87	cps
Tin	118-1	5534	5114	4367	5005	11.81	cps
Titanium	47-1	3921	2980	2727	3209	19.60	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:28:14	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7772	5888	4578	6079	26.42	cps
Vanadium	51-2	1130	960	967	1019	9.45	cps
Yttrium	89-1	13175619	13037949	13154638	13122735	0.57	cps
Yttrium	89-2	3694604	3749818	3733582	3726001	0.76	cps
Zinc	66-2	10280	10654	10747	10560	2.34	cps
Zirconium	90-1	15749	14124	14140	14671	6.36	cps
Zirconium	91-1	3450	3230	2960	3214	7.64	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:49:00	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160546	159272	159071	159630	0.50	cps
Antimony	121-1	2886307	2960446	2963852	2936868	1.49	cps
Arsenic	75-2	158102	158663	156205	157657	0.82	cps
Barium	135-1	352298	357475	357700	355824	0.86	cps
Barium	137-1	609448	616400	627607	617818	1.48	cps
Beryllium	9-1	158708	162093	163116	161305	1.43	cps
Bismuth	209-1	9475849	9454413	9618973	9516412	0.94	cps
Bismuth	209-2	8366528	8325944	8334165	8342213	0.26	cps
Bromine	81-1	13716	13693	13086	13498	2.65	cps
Bromine	81-2	193	213	190	199	6.35	cps
Cadmium	108-1	25048	24898	24975	24974	0.30	cps
Cadmium	106-1	36890	37822	37809	37507	1.43	cps
Cadmium	111-1	379838	383567	388333	383913	1.11	cps
Calcium	43-1	76692	76562	77416	76890	0.60	cps
Calcium	44-1	1173586	1199164	1187450	1186733	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	599211	600113	598474	599266	0.14	cps
Cobalt	59-2	954551	950301	953444	952765	0.23	cps
Copper	63-2	674102	672814	669191	672036	0.38	cps
Dysprosium	156-1	20	13	17	17	20.01	cps
Dysprosium	156-2	23	23	17	21	18.21	cps
Erbium	164-1	43	93	93	77	37.65	cps
Erbium	164-2	43	60	37	47	25.75	cps
Gadolinium	160-1	47	67	40	51	27.15	cps
Gadolinium	160-2	620	690	613	641	6.63	cps
Holmium	165-1	15028011	15167933	15260713	15152219	0.77	cps
Holmium	165-2	11525394	11508219	11466147	11499920	0.27	cps
Indium	115-1	12305713	12363365	12738691	12469257	1.89	cps
Indium	115-2	4746680	4824510	4757072	4776087	0.88	cps
Iron	56-2	11071884	11029179	11086191	11062418	0.27	cps
Iron	57-2	281922	282564	278533	281007	0.77	cps
Iron	54-2	638647	638300	635284	637410	0.29	cps
Krypton	83-1	247	277	247	257	6.75	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:49:00	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2322825	2346247	2333523	2334198	0.50	cps
Lead	207-1	1945843	1911193	1961473	1939503	1.33	cps
Lead	208-1	9122728	9037114	9250222	9136688	1.17	cps
Lithium	6-1	1664527	1637549	1724408	1675495	2.65	cps
Magnesium	24-2	598524	597639	593969	596711	0.40	cps
Manganese	55-2	474664	472279	471872	472938	0.32	cps
Molybdenum	94-1	640	660	557	619	8.85	cps
Molybdenum	95-1	213	400	330	314	29.99	cps
Molybdenum	96-1	500	657	553	570	13.98	cps
Molybdenum	97-1	160	2295	160	872	141.42	cps
Molybdenum	98-1	537	9732	510	3593	147.98	cps
Neodymium	150-1	23	10	17	17	39.99	cps
Neodymium	150-2	20	7	20	16	49.47	cps
Nickel	60-2	245823	244650	246718	245730	0.42	cps
Phosphorus	31-2	177	187	217	193	10.77	cps
Potassium	39-2	1362061	1360478	1347153	1356564	0.60	cps
Rhodium	103-1	11604614	11686461	11732920	11674665	0.56	cps
Rhodium	103-2	7222434	7191029	7212714	7208726	0.22	cps
Scandium	45-1	6738940	6766604	6891160	6798901	1.19	cps
Scandium	45-2	607013	609459	605988	607487	0.29	cps
Selenium	82-1	46103	46191	46452	46249	0.39	cps
Selenium	77-2	4851	5401	5188	5147	5.39	cps
Selenium	78-2	17420	17667	17447	17512	0.77	cps
Silicon	28-1	701568	700757	703584	701970	0.21	cps
Silver	107-1	898055	917730	926077	913954	1.57	cps
Silver	109-1	862426	881575	881983	875328	1.28	cps
Sodium	23-2	1691134	1696958	1649522	1679205	1.54	cps
Strontium	86-1	1480	1550	1523	1518	2.33	cps
Strontium	88-1	10070	10140	10214	10141	0.71	cps
Sulfur	34-1	205496	206468	204481	205482	0.48	cps
Terbium	159-1	15426789	15246117	15515041	15395982	0.89	cps
Terbium	159-2	11300599	11272246	11450289	11341045	0.84	cps
Thallium	203-1	2796579	2872262	2879634	2849491	1.61	cps
Thallium	205-1	6733030	6792710	6837407	6787716	0.77	cps
Tin	118-1	3360	3494	3367	3407	2.21	cps
Titanium	47-1	140	127	123	130	6.78	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:49:00	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	307	33	131	116.22	cps
Vanadium	51-2	511579	512122	508701	510801	0.36	cps
Yttrium	89-1	14574102	14482419	14614124	14556882	0.46	cps
Yttrium	89-2	4071212	4083032	4002875	4052373	1.07	cps
Zinc	66-2	226763	226312	226061	226379	0.16	cps
Zirconium	90-1	1140	1253	1127	1173	5.93	cps
Zirconium	91-1	580	500	540	540	7.41	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:07:29	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427	430	447	434	2.47	cps
Antimony	121-1	180	233	200	204	13.18	cps
Arsenic	75-2	10	13	10	11	17.30	cps
Barium	135-1	50	60	43	51	16.42	cps
Barium	137-1	73	63	80	72	11.62	cps
Beryllium	9-1	87	73	97	86	13.69	cps
Bismuth	209-1	9465381	9489523	9500158	9485020	0.19	cps
Bismuth	209-2	8200511	8376955	8307526	8294997	1.07	cps
Bromine	81-1	14604	15008	14511	14707	1.80	cps
Bromine	81-2	247	217	290	251	14.68	cps
Cadmium	108-1	17	13	13	14	13.35	cps
Cadmium	106-1	3694	3834	3627	3718	2.84	cps
Cadmium	111-1	2617	2704	2573	2632	2.54	cps
Calcium	43-1	273	343	353	323	13.48	cps
Calcium	44-1	11111	10594	10597	10767	2.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1053	1073	993	1040	4.00	cps
Cobalt	59-2	167	160	113	147	19.82	cps
Copper	63-2	907	953	907	922	2.92	cps
Dysprosium	156-1	10	30	23	21	48.24	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	63	53	90	69	27.52	cps
Erbium	164-2	33	40	37	37	9.10	cps
Gadolinium	160-1	23	40	63	42	47.59	cps
Gadolinium	160-2	637	690	643	657	4.43	cps
Holmium	165-1	15078756	15311020	15419508	15269761	1.14	cps
Holmium	165-2	11502500	11551434	11426229	11493388	0.55	cps
Indium	115-1	12758950	12849182	12842557	12816896	0.39	cps
Indium	115-2	4781938	4899293	4909270	4863500	1.46	cps
Iron	56-2	17741	17877	17337	17652	1.59	cps
Iron	57-2	973	1053	1070	1032	5.01	cps
Iron	54-2	2644	2610	2497	2584	2.98	cps
Krypton	83-1	237	253	270	253	6.58	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:07:29	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1030	927	957	971	5.47	cps
Lead	207-1	800	957	950	902	9.82	cps
Lead	208-1	4097	3964	4034	4031	1.65	cps
Lithium	6-1	1694998	1675530	1676345	1682291	0.65	cps
Magnesium	24-2	1090	1083	1190	1121	5.33	cps
Manganese	55-2	313	373	360	349	9.03	cps
Molybdenum	94-1	267	257	263	262	1.94	cps
Molybdenum	95-1	140	130	137	136	3.76	cps
Molybdenum	96-1	237	203	163	201	18.26	cps
Molybdenum	97-1	83	63	63	70	16.50	cps
Molybdenum	98-1	180	157	170	169	6.93	cps
Neodymium	150-1	3	3	3	3	0.00	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	437	520	460	472	9.10	cps
Phosphorus	31-2	170	187	197	184	7.30	cps
Potassium	39-2	56959	57495	57093	57182	0.49	cps
Rhodium	103-1	11964251	12019781	11998937	11994323	0.23	cps
Rhodium	103-2	7402095	7322125	7372918	7365713	0.55	cps
Scandium	45-1	7004870	6939607	6878295	6940924	0.91	cps
Scandium	45-2	624374	622485	621518	622792	0.23	cps
Selenium	82-1	240	213	198	217	9.78	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	563	550	497	537	6.57	cps
Silicon	28-1	722410	722490	720521	721807	0.15	cps
Silver	107-1	244	300	230	258	14.42	cps
Silver	109-1	207	190	173	190	8.77	cps
Sodium	23-2	26116	25434	25421	25657	1.55	cps
Strontium	86-1	403	347	403	384	8.51	cps
Strontium	88-1	223	200	293	239	20.33	cps
Sulfur	34-1	212737	211810	211533	212027	0.30	cps
Terbium	159-1	15654854	15672054	15633016	15653308	0.12	cps
Terbium	159-2	11172503	11434367	11277259	11294710	1.17	cps
Thallium	203-1	440	407	337	394	13.37	cps
Thallium	205-1	970	843	843	886	8.26	cps
Tin	118-1	1933	1930	2074	1979	4.13	cps
Titanium	47-1	97	97	90	94	4.08	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:07:29	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	33	30	29	17.63	cps
Vanadium	51-2	3	13	20	12	68.66	cps
Yttrium	89-1	14829734	15033117	14988368	14950406	0.71	cps
Yttrium	89-2	4153554	4176931	4160482	4163656	0.29	cps
Zinc	66-2	993	993	993	993	0.00	cps
Zirconium	90-1	617	777	813	736	14.22	cps
Zirconium	91-1	153	167	170	163	5.40	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:10:47	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28290140	28023037	28312244	28208473	0.57	cps
Antimony	121-1	15886	16316	16369	16190	1.64	cps
Arsenic	75-2	263	293	240	266	10.07	cps
Barium	135-1	4984	5001	4991	4992	0.17	cps
Barium	137-1	8433	9020	8839	8764	3.43	cps
Beryllium	9-1	483	487	507	492	2.56	cps
Bismuth	209-1	9127477	9116717	9210788	9151661	0.56	cps
Bismuth	209-2	7924127	7878445	7928956	7910509	0.35	cps
Bromine	81-1	14831	15215	15325	15123	1.71	cps
Bromine	81-2	400	497	413	437	12.00	cps
Cadmium	108-1	2480	2467	2400	2449	1.75	cps
Cadmium	106-1	3427	3437	3164	3343	4.64	cps
Cadmium	111-1	3965	3588	3630	3727	5.55	cps
Calcium	43-1	3494087	3555089	3582349	3543842	1.28	cps
Calcium	44-1	56334734	57102329	57629922	57022329	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112112	110142	109077	110444	1.39	cps
Cobalt	59-2	10607	11004	10827	10813	1.84	cps
Copper	63-2	45285	45987	45549	45607	0.78	cps
Dysprosium	156-1	87	57	63	69	22.87	cps
Dysprosium	156-2	40	37	53	43	20.34	cps
Erbium	164-1	97	100	123	107	13.62	cps
Erbium	164-2	90	40	80	70	37.80	cps
Gadolinium	160-1	90	93	87	90	3.70	cps
Gadolinium	160-2	633	627	683	648	4.78	cps
Holmium	165-1	15486419	15451800	15538385	15492201	0.28	cps
Holmium	165-2	11525376	11420758	11453107	11466414	0.47	cps
Indium	115-1	12055420	12001246	11961319	12005995	0.39	cps
Indium	115-2	4516095	4476989	4489943	4494342	0.44	cps
Iron	56-2	516750712	512550366	516721952	515341010	0.47	cps
Iron	57-2	12866468	12709386	12896430	12824095	0.78	cps
Iron	54-2	28008336	27834645	27912855	27918612	0.31	cps
Krypton	83-1	223	203	257	228	11.83	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:10:47	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	62188	58067	58308	59521	3.89	cps
Lead	207-1	50075	47269	46041	47795	4.33	cps
Lead	208-1	235338	222156	216849	224781	4.24	cps
Lithium	6-1	1609918	1545012	1559273	1571401	2.17	cps
Magnesium	24-2	46816328	46878924	46546861	46747371	0.38	cps
Manganese	55-2	35124	34633	34516	34758	0.93	cps
Molybdenum	94-1	7714053	7785209	7820583	7773282	0.70	cps
Molybdenum	95-1	13638283	13833406	13907407	13793032	1.01	cps
Molybdenum	96-1	14809516	14828570	15033589	14890558	0.83	cps
Molybdenum	97-1	8451097	8481951	8656854	8529967	1.30	cps
Molybdenum	98-1	21749840	22258472	22226064	22078125	1.29	cps
Neodymium	150-1	70	70	77	72	5.33	cps
Neodymium	150-2	73	37	37	49	43.29	cps
Nickel	60-2	12272	12008	12012	12097	1.25	cps
Phosphorus	31-2	1422696	1452829	1432704	1436076	1.07	cps
Potassium	39-2	60485256	59668734	60135306	60096432	0.68	cps
Rhodium	103-1	10808264	10657535	10804983	10756927	0.80	cps
Rhodium	103-2	6680908	6741859	6593025	6671931	1.12	cps
Scandium	45-1	6538988	6445921	6624081	6536330	1.36	cps
Scandium	45-2	562424	559296	562926	561549	0.35	cps
Selenium	82-1	245	307	218	256	17.82	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	360	423	420	401	8.89	cps
Silicon	28-1	712290	705521	712382	710065	0.55	cps
Silver	107-1	1116	1086	866	1023	13.34	cps
Silver	109-1	1187	810	953	983	19.33	cps
Sodium	23-2	77157191	76831532	77007324	76998682	0.21	cps
Strontium	86-1	146359	150527	150981	149289	1.71	cps
Strontium	88-1	1279688	1302489	1320096	1300758	1.56	cps
Sulfur	34-1	5195299	5110643	5225142	5177028	1.15	cps
Terbium	159-1	15687770	15664862	15688897	15680510	0.09	cps
Terbium	159-2	11342960	11215070	11182811	11246947	0.75	cps
Thallium	203-1	2704	3174	3227	3035	9.49	cps
Thallium	205-1	6455	7475	7569	7166	8.62	cps
Tin	118-1	7819	7859	6778	7485	8.18	cps
Titanium	47-1	3348253	3420779	3445303	3404778	1.48	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:10:47	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	750	710	747	736	3.02	cps
Vanadium	51-2	913	937	860	903	4.35	cps
Yttrium	89-1	14299462	14186521	14416674	14300886	0.80	cps
Yttrium	89-2	3928994	3932531	3857542	3906356	1.08	cps
Zinc	66-2	14868	15595	15852	15438	3.31	cps
Zirconium	90-1	2604	2827	2684	2705	4.18	cps
Zirconium	91-1	563	623	623	603	5.74	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:13:49	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30406242	30242474	30439959	30362891	0.35	cps
Antimony	121-1	300661	305875	303479	303338	0.86	cps
Arsenic	75-2	15068	15048	14817	14978	0.93	cps
Barium	135-1	75432	76685	77365	76494	1.28	cps
Barium	137-1	131330	133401	132076	132269	0.79	cps
Beryllium	9-1	29405	30450	30290	30048	1.87	cps
Bismuth	209-1	9168706	9231079	9280341	9226709	0.61	cps
Bismuth	209-2	7768037	7898508	7853429	7839991	0.85	cps
Bromine	81-1	15965	16613	16019	16199	2.22	cps
Bromine	81-2	450	530	513	498	8.48	cps
Cadmium	108-1	6995	7335	7159	7163	2.37	cps
Cadmium	106-1	9797	9850	9947	9865	0.77	cps
Cadmium	111-1	74634	75545	75998	75392	0.92	cps
Calcium	43-1	3830977	3840392	3868651	3846673	0.51	cps
Calcium	44-1	61509111	62238111	62363192	62036805	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	226925	225747	224973	225881	0.44	cps
Cobalt	59-2	182097	181422	180929	181483	0.32	cps
Copper	63-2	165790	166346	165928	166021	0.17	cps
Dysprosium	156-1	67	63	43	58	21.85	cps
Dysprosium	156-2	63	20	67	50	52.07	cps
Erbium	164-1	113	93	93	100	11.55	cps
Erbium	164-2	70	70	70	70	0.00	cps
Gadolinium	160-1	107	103	117	109	6.37	cps
Gadolinium	160-2	617	593	613	608	2.08	cps
Holmium	165-1	15763747	15746266	15569705	15693240	0.68	cps
Holmium	165-2	11390142	11444815	11249267	11361408	0.89	cps
Indium	115-1	12369390	12328202	12302339	12333311	0.27	cps
Indium	115-2	4463095	4496838	4432322	4464085	0.72	cps
Iron	56-2	553558698	552509525	547079605	551049276	0.63	cps
Iron	57-2	13750028	13571985	13684414	13668809	0.66	cps
Iron	54-2	30107451	29767582	29886015	29920349	0.58	cps
Krypton	83-1	203	243	237	228	9.41	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:13:49	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	270385	276122	275270	273926	1.13	cps
Lead	207-1	226678	230168	231875	229573	1.15	cps
Lead	208-1	1048330	1065635	1065046	1059671	0.93	cps
Lithium	6-1	1559787	1548966	1542662	1550472	0.56	cps
Magnesium	24-2	50011664	49978926	50374551	50121714	0.44	cps
Manganese	55-2	124550	123925	124365	124280	0.26	cps
Molybdenum	94-1	8449465	8588954	8539884	8526101	0.83	cps
Molybdenum	95-1	14860206	15002324	15280004	15047511	1.42	cps
Molybdenum	96-1	16109362	16299167	16354246	16254258	0.79	cps
Molybdenum	97-1	9302322	9429892	9363292	9365168	0.68	cps
Molybdenum	98-1	24215712	24375993	24232870	24274858	0.36	cps
Neodymium	150-1	80	30	53	54	45.95	cps
Neodymium	150-2	27	27	23	26	7.55	cps
Nickel	60-2	55291	55867	55579	55579	0.52	cps
Phosphorus	31-2	1541655	1547696	1529765	1539705	0.59	cps
Potassium	39-2	64949747	64285801	64035879	64423809	0.73	cps
Rhodium	103-1	11087667	10963186	10854635	10968496	1.06	cps
Rhodium	103-2	6642116	6702506	6573708	6639443	0.97	cps
Scandium	45-1	6622582	6590013	6585178	6599258	0.31	cps
Scandium	45-2	558541	564071	562238	561617	0.50	cps
Selenium	82-1	4416	4551	4475	4481	1.51	cps
Selenium	77-2	470	460	503	478	4.75	cps
Selenium	78-2	1943	1990	1897	1943	2.40	cps
Silicon	28-1	738340	745395	747814	743849	0.66	cps
Silver	107-1	334461	339606	338680	337582	0.81	cps
Silver	109-1	323559	324066	326929	324851	0.56	cps
Sodium	23-2	82379465	81717577	83117094	82404712	0.85	cps
Strontium	86-1	163391	165633	163974	164333	0.71	cps
Strontium	88-1	1414760	1432905	1440899	1429521	0.94	cps
Sulfur	34-1	5649898	5536930	5501740	5562856	1.39	cps
Terbium	159-1	16078970	16120130	15887989	16029030	0.77	cps
Terbium	159-2	11171714	11309068	11121560	11200781	0.87	cps
Thallium	203-1	270442	274785	278858	274695	1.53	cps
Thallium	205-1	640600	649724	652053	647459	0.93	cps
Tin	118-1	4397	4457	4414	4423	0.70	cps
Titanium	47-1	3603631	3701050	3710387	3671689	1.61	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:13:49	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	827	820	873	840	3.46	cps
Vanadium	51-2	95449	95087	95489	95342	0.23	cps
Yttrium	89-1	14762374	14550839	14555387	14622867	0.83	cps
Yttrium	89-2	3856352	3863476	3903612	3874480	0.66	cps
Zinc	66-2	34249	34456	34289	34332	0.32	cps
Zirconium	90-1	1733	1920	1973	1876	6.72	cps
Zirconium	91-1	417	393	433	414	4.85	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:16:53	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15413301	15192717	15158686	15254901	0.91	cps
Antimony	121-1	6840217	6930696	6882351	6884421	0.66	cps
Arsenic	75-2	355997	356391	357092	356493	0.16	cps
Barium	135-1	8741741	8884056	8737319	8787705	0.95	cps
Barium	137-1	15066675	15247056	15196166	15169965	0.61	cps
Beryllium	9-1	683965	691655	696308	690642	0.90	cps
Bismuth	209-1	8865849	8843706	8732237	8813931	0.81	cps
Bismuth	209-2	7563726	7457273	7464473	7495157	0.79	cps
Bromine	81-1	13690	13563	13243	13498	1.71	cps
Bromine	81-2	83	97	100	93	9.45	cps
Cadmium	108-1	127501	127831	127548	127627	0.14	cps
Cadmium	106-1	180020	182497	182076	181531	0.73	cps
Cadmium	111-1	1800093	1857425	1821793	1826437	1.58	cps
Calcium	43-1	8641999	8677890	8662316	8660735	0.21	cps
Calcium	44-1	140274988	140506688	139568615	140116763	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2639416	2660545	2635283	2645082	0.51	cps
Cobalt	59-2	4062526	4130505	4102053	4098361	0.83	cps
Copper	63-2	29166676	29109525	29249950	29175384	0.24	cps
Dysprosium	156-1	340	323	343	336	3.19	cps
Dysprosium	156-2	603	607	660	623	5.10	cps
Erbium	164-1	357	280	373	337	14.78	cps
Erbium	164-2	280	217	200	232	18.18	cps
Gadolinium	160-1	367	303	373	348	11.11	cps
Gadolinium	160-2	773	850	803	809	4.78	cps
Holmium	165-1	15327166	15406411	15141321	15291633	0.89	cps
Holmium	165-2	11067959	11066605	11201190	11111918	0.70	cps
Indium	115-1	11721729	11747384	11744115	11737743	0.12	cps
Indium	115-2	4324187	4255788	4279023	4286333	0.81	cps
Iron	56-2	619427684	616578817	617487257	617831253	0.24	cps
Iron	57-2	15593083	15532514	15367673	15497757	0.75	cps
Iron	54-2	33843935	33713315	33870114	33809121	0.25	cps
Krypton	83-1	243	210	243	232	8.29	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:16:53	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26363985	26577555	26975156	26638898	1.16	cps
Lead	207-1	23290656	23664054	23509770	23488160	0.80	cps
Lead	208-1	105833208	107400388	107104769	106779455	0.78	cps
Lithium	6-1	1528266	1556691	1508970	1531309	1.57	cps
Magnesium	24-2	119666978	117519952	119138335	118775088	0.94	cps
Manganese	55-2	20986596	21046924	20940288	20991269	0.25	cps
Molybdenum	94-1	23718625	23983776	23643094	23781832	0.75	cps
Molybdenum	95-1	34272998	34714511	34229875	34405795	0.78	cps
Molybdenum	96-1	37705189	38406116	38229867	38113724	0.96	cps
Molybdenum	97-1	21569142	21711484	21366322	21548983	0.80	cps
Molybdenum	98-1	54742986	56091576	55216621	55350394	1.24	cps
Neodymium	150-1	590	550	560	567	3.67	cps
Neodymium	150-2	133	147	170	150	12.37	cps
Nickel	60-2	994728	991654	985314	990565	0.48	cps
Phosphorus	31-2	139774	137901	137581	138419	0.86	cps
Potassium	39-2	75238927	75336959	75524351	75366746	0.19	cps
Rhodium	103-1	10544334	10400237	10356515	10433696	0.94	cps
Rhodium	103-2	6401977	6323271	6302971	6342740	0.82	cps
Scandium	45-1	6437681	6415567	6353121	6402123	0.68	cps
Scandium	45-2	556681	556786	554948	556138	0.19	cps
Selenium	82-1	106313	107182	107551	107015	0.59	cps
Selenium	77-2	10941	10951	11007	10966	0.33	cps
Selenium	78-2	37424	37324	37050	37266	0.52	cps
Silicon	28-1	3646902	3723294	3774556	3714917	1.73	cps
Silver	107-1	8895768	8974593	8940324	8936895	0.44	cps
Silver	109-1	8341188	8479918	8447651	8422919	0.86	cps
Sodium	23-2	189317424	189986537	189785704	189696555	0.18	cps
Strontium	86-1	2168320	2170534	2158892	2165915	0.29	cps
Strontium	88-1	18698354	18947346	19008792	18884831	0.87	cps
Sulfur	34-1	635128	640246	642055	639143	0.56	cps
Terbium	159-1	15696633	15374833	15548539	15540002	1.04	cps
Terbium	159-2	10892369	10950672	10855716	10899585	0.44	cps
Thallium	203-1	6701633	6748422	6786486	6745514	0.63	cps
Thallium	205-1	15961025	15860420	16127680	15983042	0.84	cps
Tin	118-1	5667849	5730335	5774981	5724388	0.94	cps
Titanium	47-1	8113985	8202294	8161590	8159290	0.54	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:16:53	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21316968	21623668	21289831	21410156	0.87	cps
Vanadium	51-2	2357932	2369023	2381741	2369565	0.50	cps
Yttrium	89-1	14223006	13918582	14070370	14070653	1.08	cps
Yttrium	89-2	3784966	3786987	3761686	3777880	0.37	cps
Zinc	66-2	4853266	4857997	4836199	4849154	0.24	cps
Zirconium	90-1	11659398	11748528	11627545	11678490	0.54	cps
Zirconium	91-1	2549777	2636303	2610637	2598906	1.71	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:19:45	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1240	1370	1090	1233	11.36	cps
Antimony	121-1	3407	2887	2470	2921	16.07	cps
Arsenic	75-2	37	37	30	34	11.18	cps
Barium	135-1	1457	1207	930	1198	22.00	cps
Barium	137-1	2730	2010	1553	2098	28.28	cps
Beryllium	9-1	317	270	270	286	9.43	cps
Bismuth	209-1	9514310	9540408	9595289	9550002	0.43	cps
Bismuth	209-2	8387548	8217535	8305466	8303516	1.02	cps
Bromine	81-1	13073	12922	12689	12895	1.50	cps
Bromine	81-2	157	133	153	148	8.54	cps
Cadmium	108-1	50	37	47	44	15.61	cps
Cadmium	106-1	3440	3500	3614	3518	2.50	cps
Cadmium	111-1	2747	2716	2751	2738	0.69	cps
Calcium	43-1	1793	1343	1130	1422	23.81	cps
Calcium	44-1	35472	28610	25091	29724	17.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1300	1343	1343	1329	1.88	cps
Cobalt	59-2	443	417	373	411	8.59	cps
Copper	63-2	3730	3280	3007	3339	10.94	cps
Dysprosium	156-1	10	13	13	12	15.73	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	53	60	60	58	6.67	cps
Erbium	164-2	30	27	37	31	16.37	cps
Gadolinium	160-1	47	57	23	42	40.52	cps
Gadolinium	160-2	607	580	553	580	4.60	cps
Holmium	165-1	15196432	15212446	15269463	15226114	0.25	cps
Holmium	165-2	11274678	11285982	11406403	11322354	0.64	cps
Indium	115-1	12398836	12314632	12266919	12326796	0.54	cps
Indium	115-2	4611170	4705689	4644386	4653749	1.03	cps
Iron	56-2	69908	63744	57111	63588	10.06	cps
Iron	57-2	2194	2067	1923	2061	6.55	cps
Iron	54-2	5114	4797	4664	4859	4.76	cps
Krypton	83-1	240	237	197	224	10.74	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:19:45	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6318	5354	4461	5378	17.27	cps
Lead	207-1	5861	4674	3774	4770	21.95	cps
Lead	208-1	26170	21200	17808	21726	19.36	cps
Lithium	6-1	1594736	1567844	1606918	1589833	1.26	cps
Magnesium	24-2	9636	8356	7172	8388	14.70	cps
Manganese	55-2	1870	1637	1517	1675	10.73	cps
Molybdenum	94-1	5051	3881	3124	4018	24.16	cps
Molybdenum	95-1	6655	5001	4011	5222	25.58	cps
Molybdenum	96-1	7449	5735	4347	5843	26.59	cps
Molybdenum	97-1	4064	3230	2530	3275	23.45	cps
Molybdenum	98-1	10661	8212	6388	8420	25.46	cps
Neodymium	150-1	3	10	7	7	50.03	cps
Neodymium	150-2	13	0	0	4	173.21	cps
Nickel	60-2	527	530	523	527	0.63	cps
Phosphorus	31-2	200	160	190	183	11.35	cps
Potassium	39-2	58073	57799	57173	57682	0.80	cps
Rhodium	103-1	11264873	11239485	11317963	11274107	0.36	cps
Rhodium	103-2	7061880	6977155	7046984	7028673	0.64	cps
Scandium	45-1	6436238	6442642	6495013	6457964	0.50	cps
Scandium	45-2	567373	564737	564698	565603	0.27	cps
Selenium	82-1	245	214	199	219	10.62	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	433	463	403	433	6.92	cps
Silicon	28-1	647681	644366	642676	644908	0.39	cps
Silver	107-1	2328	1750	1390	1823	25.95	cps
Silver	109-1	2127	1757	1283	1722	24.55	cps
Sodium	23-2	56038	53596	51613	53749	4.12	cps
Strontium	86-1	817	687	683	729	10.43	cps
Strontium	88-1	3480	2487	2057	2675	27.30	cps
Sulfur	34-1	179507	182357	180280	180715	0.82	cps
Terbium	159-1	15520204	15514816	15508807	15514609	0.04	cps
Terbium	159-2	11164222	11163922	11077153	11135099	0.45	cps
Thallium	203-1	2947	2287	2170	2468	16.97	cps
Thallium	205-1	6922	5901	5101	5975	15.27	cps
Tin	118-1	3114	2827	2767	2903	6.38	cps
Titanium	47-1	1570	1193	820	1195	31.40	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:19:45	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3414	2487	2074	2658	25.82	cps
Vanadium	51-2	163	140	140	148	9.12	cps
Yttrium	89-1	14203574	14115477	14233765	14184272	0.43	cps
Yttrium	89-2	3890423	3920142	3901411	3903992	0.38	cps
Zinc	66-2	977	873	777	876	11.42	cps
Zirconium	90-1	3380	2594	2290	2755	20.43	cps
Zirconium	91-1	677	633	460	590	19.43	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BL	Instrumnet Name :	P7
Client Sample ID :	PBS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:26:17	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	863	890	803	852	5.21	cps
Antimony	121-1	670	623	667	653	3.99	cps
Arsenic	75-2	27	33	17	26	32.81	cps
Barium	135-1	420	433	350	401	11.16	cps
Barium	137-1	720	663	683	689	4.17	cps
Beryllium	9-1	97	127	93	106	17.39	cps
Bismuth	209-1	9754980	9616413	9694563	9688652	0.72	cps
Bismuth	209-2	8464698	8394271	8412418	8423796	0.43	cps
Bromine	81-1	13903	13917	14621	14147	2.90	cps
Bromine	81-2	213	190	290	231	22.64	cps
Cadmium	108-1	23	13	10	16	44.60	cps
Cadmium	106-1	3691	3791	3604	3695	2.53	cps
Cadmium	111-1	2672	2749	2614	2678	2.53	cps
Calcium	43-1	647	653	613	638	3.36	cps
Calcium	44-1	16142	16219	15955	16105	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1123	1260	1210	1198	5.77	cps
Cobalt	59-2	257	343	347	316	16.17	cps
Copper	63-2	2614	2684	2727	2675	2.14	cps
Dysprosium	156-1	13	10	20	14	35.26	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	57	60	57	58	3.33	cps
Erbium	164-2	50	43	37	43	15.38	cps
Gadolinium	160-1	60	73	43	59	25.53	cps
Gadolinium	160-2	587	587	580	584	0.66	cps
Holmium	165-1	15504548	15405268	15476869	15462228	0.33	cps
Holmium	165-2	11516225	11503148	11551720	11523698	0.22	cps
Indium	115-1	12750183	12775649	12816543	12780792	0.26	cps
Indium	115-2	4772196	4780618	4752680	4768498	0.30	cps
Iron	56-2	46575	46445	46411	46477	0.19	cps
Iron	57-2	1600	1683	1627	1637	2.60	cps
Iron	54-2	4011	3801	4004	3938	3.03	cps
Krypton	83-1	247	213	250	237	8.57	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BL	Instrumnet Name :	P7
Client Sample ID :	PBS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:26:17	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2520	2597	2520	2546	1.74	cps
Lead	207-1	2280	2210	2330	2274	2.65	cps
Lead	208-1	9995	10158	10238	10130	1.22	cps
Lithium	6-1	1634356	1583765	1619785	1612636	1.61	cps
Magnesium	24-2	6395	6038	6245	6226	2.88	cps
Manganese	55-2	1243	1310	1140	1231	6.96	cps
Molybdenum	94-1	1470	1360	1410	1413	3.90	cps
Molybdenum	95-1	1557	1560	1663	1593	3.81	cps
Molybdenum	96-1	1970	1867	1933	1923	2.72	cps
Molybdenum	97-1	983	1047	960	997	4.50	cps
Molybdenum	98-1	2567	2504	2514	2528	1.35	cps
Neodymium	150-1	17	0	10	9	94.38	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	530	507	547	528	3.81	cps
Phosphorus	31-2	203	193	227	208	8.23	cps
Potassium	39-2	58813	58649	58421	58628	0.34	cps
Rhodium	103-1	11778660	11486238	11764589	11676496	1.41	cps
Rhodium	103-2	7237418	7323283	7215171	7258624	0.79	cps
Scandium	45-1	6735283	6611567	6710015	6685622	0.98	cps
Scandium	45-2	588333	586739	590816	588630	0.35	cps
Selenium	82-1	191	250	163	201	22.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	467	423	487	459	7.06	cps
Silicon	28-1	657584	654756	654001	655447	0.29	cps
Silver	107-1	663	673	727	688	5.00	cps
Silver	109-1	597	597	497	563	10.25	cps
Sodium	23-2	41262	40791	40740	40931	0.70	cps
Strontium	86-1	490	460	500	483	4.31	cps
Strontium	88-1	953	970	1093	1006	7.61	cps
Sulfur	34-1	191386	193479	194869	193244	0.91	cps
Terbium	159-1	15851656	15701834	15591294	15714928	0.83	cps
Terbium	159-2	11331469	11304880	11303528	11313292	0.14	cps
Thallium	203-1	1313	1330	1373	1339	2.31	cps
Thallium	205-1	3360	3207	3247	3272	2.43	cps
Tin	118-1	2277	2184	2180	2214	2.48	cps
Titanium	47-1	470	490	430	463	6.59	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BL	Instrumnet Name :	P7
Client Sample ID :	PBS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:26:17	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	827	803	887	839	5.12	cps
Vanadium	51-2	113	140	137	130	11.17	cps
Yttrium	89-1	14717544	14659475	14619731	14665583	0.34	cps
Yttrium	89-2	3986295	4064985	3999842	4017041	1.05	cps
Zinc	66-2	640	627	590	619	4.18	cps
Zirconium	90-1	1143	1360	1230	1245	8.76	cps
Zirconium	91-1	253	303	240	266	12.57	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BS	Instrumnet Name :	P7
Client Sample ID :	LCS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:35:30	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2938097	2880956	2883938	2900997	1.11	cps
Antimony	121-1	6940642	6987949	7055494	6994695	0.83	cps
Arsenic	75-2	345761	346359	344552	345557	0.27	cps
Barium	135-1	8735790	8836077	8758950	8776939	0.60	cps
Barium	137-1	15044068	15211182	15130610	15128620	0.55	cps
Beryllium	9-1	714802	735348	733625	727925	1.57	cps
Bismuth	209-1	9190517	9306044	9373787	9290116	1.00	cps
Bismuth	209-2	8134203	8232145	8035013	8133787	1.21	cps
Bromine	81-1	13129	13103	12922	13051	0.86	cps
Bromine	81-2	137	180	147	154	14.69	cps
Cadmium	108-1	128980	129882	130642	129834	0.64	cps
Cadmium	106-1	184060	185630	184499	184730	0.44	cps
Cadmium	111-1	1822337	1831428	1837738	1830501	0.42	cps
Calcium	43-1	1738898	1754158	1758782	1750613	0.59	cps
Calcium	44-1	27962059	28251200	27678107	27963789	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2660213	2640278	2618029	2639507	0.80	cps
Cobalt	59-2	4118344	4182951	4180466	4160587	0.88	cps
Copper	63-2	30764719	30629754	30441295	30611923	0.53	cps
Dysprosium	156-1	127	117	110	118	7.12	cps
Dysprosium	156-2	437	490	403	443	9.86	cps
Erbium	164-1	107	140	137	128	14.37	cps
Erbium	164-2	90	90	127	102	20.71	cps
Gadolinium	160-1	100	123	143	122	17.75	cps
Gadolinium	160-2	637	637	690	654	4.70	cps
Holmium	165-1	15115301	15351872	15440439	15302537	1.10	cps
Holmium	165-2	11318771	11464564	11368907	11384081	0.65	cps
Indium	115-1	11852532	11916924	12011065	11926840	0.67	cps
Indium	115-2	4401316	4430654	4382751	4404907	0.55	cps
Iron	56-2	123454701	123960978	123397905	123604528	0.25	cps
Iron	57-2	3089862	3088927	3074022	3084270	0.29	cps
Iron	54-2	6871073	6731266	6779704	6794014	1.04	cps
Krypton	83-1	200	233	173	202	14.87	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BS	Instrumnet Name :	P7
Client Sample ID :	LCS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:35:30	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27316565	27665224	27434380	27472057	0.65	cps
Lead	207-1	23949029	24320852	24439224	24236368	1.06	cps
Lead	208-1	108903315	110993257	110619427	110171999	1.01	cps
Lithium	6-1	1606329	1609328	1592743	1602800	0.55	cps
Magnesium	24-2	22946694	22820325	22735014	22834011	0.47	cps
Manganese	55-2	21210130	20923836	21034651	21056206	0.69	cps
Molybdenum	94-1	23648986	23659189	23613041	23640405	0.10	cps
Molybdenum	95-1	33826485	34504343	34328773	34219867	1.03	cps
Molybdenum	96-1	37598644	37721551	37834143	37718112	0.31	cps
Molybdenum	97-1	21149701	21322766	21306813	21259760	0.45	cps
Molybdenum	98-1	55003531	54825009	55063774	54964105	0.23	cps
Neodymium	150-1	363	450	463	426	12.76	cps
Neodymium	150-2	100	113	63	92	28.08	cps
Nickel	60-2	1027202	1025127	1020228	1024185	0.35	cps
Phosphorus	31-2	136997	136841	135621	136486	0.55	cps
Potassium	39-2	14881859	14637267	14640222	14719783	0.95	cps
Rhodium	103-1	10886076	10663447	10754155	10767893	1.04	cps
Rhodium	103-2	6722489	6633291	6658082	6671287	0.69	cps
Scandium	45-1	6372376	6332016	6314330	6339574	0.47	cps
Scandium	45-2	550254	551472	550162	550629	0.13	cps
Selenium	82-1	107696	108614	108620	108310	0.49	cps
Selenium	77-2	11174	10981	11318	11158	1.52	cps
Selenium	78-2	36532	37257	36572	36787	1.11	cps
Silicon	28-1	3740799	3803633	3894997	3813143	2.03	cps
Silver	107-1	8976592	9131858	9047515	9051988	0.86	cps
Silver	109-1	8453251	8606284	8597339	8552291	1.00	cps
Sodium	23-2	37798523	37525262	37324259	37549348	0.63	cps
Strontium	86-1	2130970	2153340	2160312	2148207	0.71	cps
Strontium	88-1	18640748	18845907	18929681	18805446	0.79	cps
Sulfur	34-1	652321	654048	649795	652054	0.33	cps
Terbium	159-1	15474332	15312268	15462334	15416311	0.59	cps
Terbium	159-2	11096287	11165555	10998497	11086779	0.76	cps
Thallium	203-1	6903574	7025347	6956673	6961864	0.88	cps
Thallium	205-1	16132081	16446301	16396805	16325062	1.03	cps
Tin	118-1	5689706	5759295	5794555	5747852	0.93	cps
Titanium	47-1	8116521	8033936	8111860	8087439	0.57	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BS	Instrumnet Name :	P7
Client Sample ID :	LCS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:35:30	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20853179	21136358	21328379	21105972	1.13	cps
Vanadium	51-2	2312144	2300188	2303104	2305145	0.27	cps
Yttrium	89-1	13882164	13780016	14026746	13896308	0.89	cps
Yttrium	89-2	3761801	3791666	3786042	3779836	0.42	cps
Zinc	66-2	5121734	5117571	5198739	5146015	0.89	cps
Zirconium	90-1	11382720	11571570	11702452	11552247	1.39	cps
Zirconium	91-1	2533111	2559210	2594936	2562419	1.21	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:39:46	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30815	29956	31445	30739	2.43	cps
Antimony	121-1	1790	1693	1500	1661	8.89	cps
Arsenic	75-2	93	87	87	89	4.33	cps
Barium	135-1	13687	13200	13600	13495	1.93	cps
Barium	137-1	22858	23186	24161	23402	2.89	cps
Beryllium	9-1	217	213	213	214	0.90	cps
Bismuth	209-1	9326357	9254825	9503030	9361404	1.36	cps
Bismuth	209-2	8258493	8171790	8276433	8235572	0.68	cps
Bromine	81-1	13032	12966	13083	13027	0.45	cps
Bromine	81-2	207	270	233	237	13.44	cps
Cadmium	108-1	47	40	47	44	8.66	cps
Cadmium	106-1	3147	3117	3294	3186	2.97	cps
Cadmium	111-1	2347	2347	2402	2365	1.35	cps
Calcium	43-1	2550	2557	2644	2584	2.02	cps
Calcium	44-1	46615	46999	47354	46989	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5091	5121	5028	5080	0.94	cps
Cobalt	59-2	1050	980	970	1000	4.36	cps
Copper	63-2	4787	4761	4604	4717	2.10	cps
Dysprosium	156-1	1210	1337	1277	1275	4.97	cps
Dysprosium	156-2	1020	1050	1163	1078	7.01	cps
Erbium	164-1	1323	1420	1347	1363	3.70	cps
Erbium	164-2	1027	1027	987	1013	2.28	cps
Gadolinium	160-1	1327	1257	1080	1221	10.41	cps
Gadolinium	160-2	1550	1500	1623	1558	3.98	cps
Holmium	165-1	14626696	14555611	14788236	14656848	0.81	cps
Holmium	165-2	11348738	11268863	11347765	11321789	0.40	cps
Indium	115-1	11747258	12029915	12056150	11944441	1.43	cps
Indium	115-2	4581194	4590225	4609242	4593553	0.31	cps
Iron	56-2	966094	1000826	974915	980612	1.84	cps
Iron	57-2	25201	24607	23492	24433	3.55	cps
Iron	54-2	56391	54505	54030	54975	2.27	cps
Krypton	83-1	243	133	203	193	28.80	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:39:46	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7852	7696	7285	7611	3.85	cps
Lead	207-1	6522	6402	6241	6388	2.20	cps
Lead	208-1	30497	29953	28852	29767	2.81	cps
Lithium	6-1	1579201	1589176	1545012	1571130	1.47	cps
Magnesium	24-2	8482	8242	8532	8419	1.84	cps
Manganese	55-2	8036	8149	7946	8043	1.27	cps
Molybdenum	94-1	6882	6692	6385	6653	3.77	cps
Molybdenum	95-1	3080	2597	2497	2725	11.45	cps
Molybdenum	96-1	4164	4014	3584	3921	7.68	cps
Molybdenum	97-1	1873	1840	1660	1791	6.41	cps
Molybdenum	98-1	5184	4201	4207	4531	12.49	cps
Neodymium	150-1	1477	1533	1673	1561	6.49	cps
Neodymium	150-2	993	1150	1070	1071	7.31	cps
Nickel	60-2	813	763	717	764	6.32	cps
Phosphorus	31-2	247	247	277	257	6.75	cps
Potassium	39-2	72441	72220	72455	72372	0.18	cps
Rhodium	103-1	10896743	11283997	11165322	11115354	1.78	cps
Rhodium	103-2	7002297	6986682	7005754	6998244	0.15	cps
Scandium	45-1	6182641	6242172	6241443	6222085	0.55	cps
Scandium	45-2	553195	555482	554493	554390	0.21	cps
Selenium	82-1	194	296	212	234	23.12	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	430	457	400	429	6.61	cps
Silicon	28-1	1293810	1383385	1235109	1304101	5.73	cps
Silver	107-1	957	862	891	903	5.41	cps
Silver	109-1	910	770	697	792	13.68	cps
Sodium	23-2	43471	43418	42682	43190	1.02	cps
Strontium	86-1	1640	1560	1663	1621	3.34	cps
Strontium	88-1	11101	10758	11488	11116	3.29	cps
Sulfur	34-1	172198	174322	173644	173388	0.63	cps
Terbium	159-1	14903117	15505220	15439895	15282744	2.16	cps
Terbium	159-2	11120997	10897063	10987982	11002014	1.02	cps
Thallium	203-1	1360	1257	1097	1238	10.72	cps
Thallium	205-1	3304	2930	2724	2986	9.85	cps
Tin	118-1	7249	7435	7275	7320	1.38	cps
Titanium	47-1	5228	7991	5341	6186	25.27	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:39:46	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3424	3187	2984	3198	6.89	cps
Vanadium	51-2	3811	3804	3937	3851	1.95	cps
Yttrium	89-1	13910594	13978525	13881137	13923419	0.36	cps
Yttrium	89-2	3907426	3853222	3830171	3863607	1.03	cps
Zinc	66-2	1213	1127	1247	1196	5.18	cps
Zirconium	90-1	14300	14127	13977	14135	1.15	cps
Zirconium	91-1	3094	3120	3989	3401	14.98	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:43:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31186	34245	32439	32623	4.71	cps
Antimony	121-1	583	650	620	618	5.40	cps
Arsenic	75-2	63	73	83	73	13.64	cps
Barium	135-1	13550	14097	13767	13805	2.00	cps
Barium	137-1	23890	24064	24197	24050	0.64	cps
Beryllium	9-1	133	157	127	139	11.34	cps
Bismuth	209-1	9300383	9340051	9506734	9382389	1.17	cps
Bismuth	209-2	8317224	8273582	8312500	8301102	0.29	cps
Bromine	81-1	12752	13193	13199	13048	1.96	cps
Bromine	81-2	167	197	170	178	9.25	cps
Cadmium	108-1	30	20	20	23	24.74	cps
Cadmium	106-1	3347	3347	3414	3369	1.14	cps
Cadmium	111-1	2366	2378	2440	2395	1.66	cps
Calcium	43-1	2330	2407	2314	2350	2.12	cps
Calcium	44-1	42550	43462	43372	43128	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5058	5078	5201	5112	1.52	cps
Cobalt	59-2	727	713	753	731	2.79	cps
Copper	63-2	3287	3717	3597	3534	6.28	cps
Dysprosium	156-1	1333	1207	1200	1247	6.03	cps
Dysprosium	156-2	1050	1107	1080	1079	2.63	cps
Erbium	164-1	1290	1283	1250	1275	1.68	cps
Erbium	164-2	1017	993	1107	1039	5.76	cps
Gadolinium	160-1	1183	1263	1213	1220	3.31	cps
Gadolinium	160-2	1487	1520	1643	1550	5.32	cps
Holmium	165-1	14425677	14924442	15161337	14837152	2.53	cps
Holmium	165-2	11431490	11176599	11286707	11298265	1.13	cps
Indium	115-1	11850455	12114390	12217674	12060840	1.57	cps
Indium	115-2	4679408	4635033	4626140	4646860	0.61	cps
Iron	56-2	975869	990679	975303	980617	0.89	cps
Iron	57-2	24794	24894	25085	24924	0.59	cps
Iron	54-2	54839	55676	55080	55199	0.78	cps
Krypton	83-1	217	260	247	241	9.20	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:43:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6211	6221	6368	6267	1.40	cps
Lead	207-1	5128	5538	5068	5245	4.88	cps
Lead	208-1	23945	24653	24425	24341	1.48	cps
Lithium	6-1	1555844	1554741	1595904	1568830	1.49	cps
Magnesium	24-2	4621	4597	4537	4585	0.94	cps
Manganese	55-2	7188	7165	7108	7154	0.58	cps
Molybdenum	94-1	5411	5171	5521	5368	3.34	cps
Molybdenum	95-1	917	870	893	893	2.61	cps
Molybdenum	96-1	1780	1883	1893	1852	3.39	cps
Molybdenum	97-1	553	530	510	531	4.08	cps
Molybdenum	98-1	1410	1607	1440	1486	7.13	cps
Neodymium	150-1	1597	1720	1617	1645	4.03	cps
Neodymium	150-2	963	1050	1130	1048	7.96	cps
Nickel	60-2	633	653	703	663	5.44	cps
Phosphorus	31-2	270	280	273	274	1.86	cps
Potassium	39-2	69012	69779	69951	69581	0.72	cps
Rhodium	103-1	11161497	11153304	11317104	11210635	0.82	cps
Rhodium	103-2	7099707	7094128	7076021	7089952	0.17	cps
Scandium	45-1	6307729	6332240	6420388	6353452	0.93	cps
Scandium	45-2	567395	569164	564036	566865	0.46	cps
Selenium	82-1	194	197	195	195	1.01	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	403	430	430	421	3.66	cps
Silicon	28-1	1355561	1512130	1498173	1455288	5.95	cps
Silver	107-1	270	314	314	299	8.54	cps
Silver	109-1	257	213	223	231	9.82	cps
Sodium	23-2	35357	35651	35778	35596	0.61	cps
Strontium	86-1	1740	1530	1520	1597	7.78	cps
Strontium	88-1	10277	10514	10414	10402	1.14	cps
Sulfur	34-1	173802	173287	176955	174681	1.14	cps
Terbium	159-1	15235489	15311123	15327777	15291463	0.32	cps
Terbium	159-2	11151303	11237152	10998966	11129140	1.08	cps
Thallium	203-1	747	670	683	700	5.85	cps
Thallium	205-1	1783	1593	1600	1659	6.50	cps
Tin	118-1	7385	7275	7525	7395	1.70	cps
Titanium	47-1	5788	4827	6015	5544	11.37	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:43:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2064	2982	2217	2421	20.33	cps
Vanadium	51-2	3991	3827	4081	3966	3.24	cps
Yttrium	89-1	13817917	14041841	14144642	14001467	1.19	cps
Yttrium	89-2	3852994	3924918	3825232	3867715	1.33	cps
Zinc	66-2	860	910	810	860	5.81	cps
Zirconium	90-1	13660	14549	15660	14623	6.85	cps
Zirconium	91-1	3070	3090	3180	3114	1.88	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	25
Date & Time Acquired :	2024-12-19 16:46:16	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5885	5771	5965	5873	1.65	cps
Antimony	121-1	273	340	333	316	11.64	cps
Arsenic	75-2	37	13	17	22	56.80	cps
Barium	135-1	2834	2947	2664	2815	5.07	cps
Barium	137-1	4681	4914	4661	4752	2.97	cps
Beryllium	9-1	97	73	90	87	13.87	cps
Bismuth	209-1	9478555	9612584	9651482	9580873	0.95	cps
Bismuth	209-2	8429713	8478996	8399473	8436061	0.48	cps
Bromine	81-1	13433	13633	13496	13521	0.76	cps
Bromine	81-2	173	160	157	163	5.40	cps
Cadmium	108-1	3	13	17	11	62.48	cps
Cadmium	106-1	3510	3397	3517	3475	1.94	cps
Cadmium	111-1	2506	2403	2478	2462	2.16	cps
Calcium	43-1	740	730	713	728	1.85	cps
Calcium	44-1	17263	17157	17657	17359	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1783	1997	1780	1853	6.70	cps
Cobalt	59-2	247	240	200	229	11.03	cps
Copper	63-2	1527	1440	1557	1508	4.02	cps
Dysprosium	156-1	257	287	253	266	6.91	cps
Dysprosium	156-2	250	200	273	241	15.54	cps
Erbium	164-1	307	317	340	321	5.33	cps
Erbium	164-2	313	227	213	251	21.62	cps
Gadolinium	160-1	273	360	257	297	18.70	cps
Gadolinium	160-2	740	907	787	811	10.60	cps
Holmium	165-1	15132743	15284637	15060094	15159158	0.76	cps
Holmium	165-2	11683426	11542017	11410197	11545213	1.18	cps
Indium	115-1	12419379	12579584	12625752	12541571	0.86	cps
Indium	115-2	4746044	4747302	4744421	4745922	0.03	cps
Iron	56-2	212572	214034	210476	212360	0.84	cps
Iron	57-2	6088	5751	5895	5911	2.86	cps
Iron	54-2	13036	12936	12916	12962	0.50	cps
Krypton	83-1	243	297	197	246	20.38	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	25
Date & Time Acquired :	2024-12-19 16:46:16	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2024	2150	2157	2110	3.56	cps
Lead	207-1	1820	1667	1770	1752	4.46	cps
Lead	208-1	8181	8031	8348	8187	1.94	cps
Lithium	6-1	1614171	1589883	1590300	1598118	0.87	cps
Magnesium	24-2	1867	1850	2037	1918	5.39	cps
Manganese	55-2	1837	1927	1710	1825	5.97	cps
Molybdenum	94-1	1497	1337	1427	1420	5.65	cps
Molybdenum	95-1	323	320	317	320	1.04	cps
Molybdenum	96-1	570	460	553	528	11.23	cps
Molybdenum	97-1	213	187	183	194	8.46	cps
Molybdenum	98-1	540	377	500	472	18.03	cps
Neodymium	150-1	270	370	377	339	17.63	cps
Neodymium	150-2	207	220	183	203	9.13	cps
Nickel	60-2	483	497	510	497	2.68	cps
Phosphorus	31-2	183	150	167	167	10.00	cps
Potassium	39-2	58147	57438	58251	57945	0.76	cps
Rhodium	103-1	11401057	11695076	11494922	11530351	1.30	cps
Rhodium	103-2	7194082	7223891	7200801	7206258	0.22	cps
Scandium	45-1	6481951	6458506	6535134	6491864	0.60	cps
Scandium	45-2	581337	581525	575712	579525	0.57	cps
Selenium	82-1	243	126	233	201	32.46	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	497	423	443	454	8.34	cps
Silicon	28-1	745149	971263	742566	819660	16.02	cps
Silver	107-1	194	147	157	166	14.88	cps
Silver	109-1	120	143	140	134	9.39	cps
Sodium	23-2	29131	28967	29007	29035	0.29	cps
Strontium	86-1	603	623	650	626	3.74	cps
Strontium	88-1	2417	2210	2337	2321	4.49	cps
Sulfur	34-1	182414	182499	185511	183475	0.96	cps
Terbium	159-1	15443462	15525067	15472323	15480284	0.27	cps
Terbium	159-2	11408455	11333572	11179525	11307184	1.03	cps
Thallium	203-1	540	520	603	554	7.85	cps
Thallium	205-1	1267	1440	1233	1313	8.45	cps
Tin	118-1	2990	2867	2787	2881	3.56	cps
Titanium	47-1	1080	1007	1063	1050	3.66	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	25
Date & Time Acquired :	2024-12-19 16:46:16	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	480	477	410	456	8.67	cps
Vanadium	51-2	790	817	910	839	7.51	cps
Yttrium	89-1	14283193	14280356	14297864	14287138	0.07	cps
Yttrium	89-2	3957082	4000511	3966260	3974618	0.58	cps
Zinc	66-2	610	673	617	633	5.50	cps
Zirconium	90-1	3224	3304	3370	3299	2.23	cps
Zirconium	91-1	713	720	790	741	5.73	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:49:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	651735	655674	659430	655613	0.59	cps
Antimony	121-1	1738642	1777115	1767229	1760995	1.13	cps
Arsenic	75-2	91158	91449	90719	91109	0.40	cps
Barium	135-1	1982782	1986401	1985833	1985005	0.10	cps
Barium	137-1	3415018	3430477	3456898	3434131	0.62	cps
Beryllium	9-1	183699	184194	186814	184903	0.91	cps
Bismuth	209-1	9513082	9582198	9603219	9566166	0.49	cps
Bismuth	209-2	8403157	8341304	8340305	8361588	0.43	cps
Bromine	81-1	13790	14220	13833	13948	1.70	cps
Bromine	81-2	217	173	190	193	11.31	cps
Cadmium	108-1	33398	34007	33970	33792	1.01	cps
Cadmium	106-1	51180	50879	51648	51235	0.76	cps
Cadmium	111-1	476840	480676	481692	479736	0.53	cps
Calcium	43-1	373976	381678	380028	378560	1.07	cps
Calcium	44-1	5793581	5921961	5863985	5859842	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	665763	666194	661305	664421	0.41	cps
Cobalt	59-2	1083590	1082286	1080905	1082260	0.12	cps
Copper	63-2	6337492	6322455	6273041	6310996	0.53	cps
Dysprosium	156-1	1127	1177	1273	1192	6.25	cps
Dysprosium	156-2	1123	1210	1183	1172	3.79	cps
Erbium	164-1	1260	1327	1280	1289	2.65	cps
Erbium	164-2	1007	953	967	976	2.84	cps
Gadolinium	160-1	1237	1307	1263	1269	2.78	cps
Gadolinium	160-2	1433	1543	1533	1503	4.05	cps
Holmium	165-1	15242641	15215534	15338433	15265536	0.42	cps
Holmium	165-2	11638896	11580963	11476802	11565554	0.71	cps
Indium	115-1	12509265	12446335	12531258	12495619	0.35	cps
Indium	115-2	4678915	4658129	4638869	4658638	0.43	cps
Iron	56-2	29665692	29712414	29889754	29755953	0.40	cps
Iron	57-2	757735	755235	752944	755305	0.32	cps
Iron	54-2	1642348	1610249	1630520	1627706	1.00	cps
Krypton	83-1	243	273	260	259	5.81	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:49:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5217258	5179323	5312929	5236503	1.31	cps
Lead	207-1	4643259	4632219	4691636	4655705	0.68	cps
Lead	208-1	20960137	20873939	21191377	21008484	0.78	cps
Lithium	6-1	1605107	1620118	1642735	1622653	1.17	cps
Magnesium	24-2	4763409	4713061	4710849	4729106	0.63	cps
Manganese	55-2	4037454	3992246	3978332	4002677	0.77	cps
Molybdenum	94-1	3701075	3708633	3754161	3721290	0.77	cps
Molybdenum	95-1	4690900	4676559	4689966	4685808	0.17	cps
Molybdenum	96-1	5217293	5237562	5257453	5237436	0.38	cps
Molybdenum	97-1	2907008	2905285	2910964	2907752	0.10	cps
Molybdenum	98-1	7565507	7476139	7550930	7530858	0.64	cps
Neodymium	150-1	1630	1673	1557	1620	3.64	cps
Neodymium	150-2	957	930	1020	969	4.77	cps
Nickel	60-2	269409	269918	268625	269317	0.24	cps
Phosphorus	31-2	243	270	267	260	5.59	cps
Potassium	39-2	3520584	3473331	3428643	3474186	1.32	cps
Rhodium	103-1	11424409	11458727	11607211	11496782	0.85	cps
Rhodium	103-2	7160237	7157132	7096742	7138037	0.50	cps
Scandium	45-1	6664428	6646125	6613192	6641249	0.39	cps
Scandium	45-2	583109	580849	575503	579820	0.67	cps
Selenium	82-1	27606	28244	28047	27966	1.17	cps
Selenium	77-2	3010	2860	2870	2914	2.88	cps
Selenium	78-2	10093	10197	9880	10057	1.61	cps
Silicon	28-1	1945992	2340166	2027517	2104558	9.89	cps
Silver	107-1	45693	46631	46338	46220	1.04	cps
Silver	109-1	2587	2390	2614	2530	4.82	cps
Sodium	23-2	7768771	7666476	7693741	7709662	0.69	cps
Strontium	86-1	537987	537262	539923	538391	0.26	cps
Strontium	88-1	4733670	4768478	4888856	4797001	1.70	cps
Sulfur	34-1	184907	183750	184721	184460	0.34	cps
Terbium	159-1	15460024	15708950	15789766	15652914	1.10	cps
Terbium	159-2	11269692	11273617	11256567	11266625	0.08	cps
Thallium	203-1	1594891	1627400	1630317	1617536	1.22	cps
Thallium	205-1	3998424	4029583	4087755	4038587	1.12	cps
Tin	118-1	1263685	1276626	1282043	1274118	0.74	cps
Titanium	47-1	723974	730123	720828	724975	0.65	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:49:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5179881	5282902	5256690	5239824	1.02	cps
Vanadium	51-2	601004	596441	591154	596200	0.83	cps
Yttrium	89-1	14313612	14562625	14532206	14469481	0.94	cps
Yttrium	89-2	4014270	3988464	3956463	3986399	0.73	cps
Zinc	66-2	1019203	1021322	1018640	1019722	0.14	cps
Zirconium	90-1	2925597	2984851	2972781	2961076	1.06	cps
Zirconium	91-1	642372	642352	647004	643910	0.42	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:52:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	655827	651842	653675	653781	0.31	cps
Antimony	121-1	1724164	1721647	1749824	1731878	0.90	cps
Arsenic	75-2	91134	91047	90356	90846	0.47	cps
Barium	135-1	1983874	1984256	1979658	1982596	0.13	cps
Barium	137-1	3423254	3386625	3430901	3413594	0.69	cps
Beryllium	9-1	186268	190583	188977	188610	1.16	cps
Bismuth	209-1	9618411	9624967	9570356	9604578	0.31	cps
Bismuth	209-2	8304820	8322677	8413459	8346985	0.70	cps
Bromine	81-1	14147	13957	14157	14087	0.80	cps
Bromine	81-2	180	163	160	168	6.39	cps
Cadmium	108-1	33515	34668	34431	34205	1.78	cps
Cadmium	106-1	50889	52090	52043	51674	1.32	cps
Cadmium	111-1	473745	483051	479699	478832	0.98	cps
Calcium	43-1	371040	376089	378113	375081	0.97	cps
Calcium	44-1	5705144	5829256	5819071	5784490	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	662862	657821	660548	660410	0.38	cps
Cobalt	59-2	1078343	1065024	1074045	1072471	0.63	cps
Copper	63-2	6271037	6203362	6266751	6247050	0.61	cps
Dysprosium	156-1	1317	1253	1403	1325	5.69	cps
Dysprosium	156-2	1013	1187	1193	1131	9.02	cps
Erbium	164-1	1233	1370	1273	1292	5.44	cps
Erbium	164-2	1013	1070	943	1009	6.29	cps
Gadolinium	160-1	1093	1287	1220	1200	8.18	cps
Gadolinium	160-2	1417	1527	1460	1468	3.78	cps
Holmium	165-1	15612406	15341692	15407021	15453706	0.91	cps
Holmium	165-2	11611692	11523488	11629230	11588137	0.49	cps
Indium	115-1	12496560	12269135	12308218	12357971	0.98	cps
Indium	115-2	4610542	4633589	4586113	4610081	0.51	cps
Iron	56-2	29470381	29288936	29407283	29388867	0.31	cps
Iron	57-2	748783	750011	744733	747842	0.37	cps
Iron	54-2	1613501	1631316	1642734	1629184	0.90	cps
Krypton	83-1	260	240	213	238	9.85	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:52:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5253730	5345202	5270859	5289930	0.92	cps
Lead	207-1	4610224	4663240	4740182	4671215	1.40	cps
Lead	208-1	21103823	21298592	21225780	21209398	0.46	cps
Lithium	6-1	1663359	1626460	1646849	1645556	1.12	cps
Magnesium	24-2	4674530	4742393	4705188	4707370	0.72	cps
Manganese	55-2	3962174	3899028	3981861	3947687	1.10	cps
Molybdenum	94-1	3684343	3748872	3679642	3704286	1.04	cps
Molybdenum	95-1	4661152	4711027	4625717	4665965	0.92	cps
Molybdenum	96-1	5123432	5188014	5124286	5145244	0.72	cps
Molybdenum	97-1	2881849	2936451	2910471	2909590	0.94	cps
Molybdenum	98-1	7420592	7502450	7458160	7460401	0.55	cps
Neodymium	150-1	1717	1740	1790	1749	2.14	cps
Neodymium	150-2	1037	943	1100	1027	7.68	cps
Nickel	60-2	269732	270898	267442	269358	0.65	cps
Phosphorus	31-2	257	213	280	250	13.53	cps
Potassium	39-2	3467879	3464356	3416617	3449617	0.83	cps
Rhodium	103-1	11476763	11420041	11380722	11425842	0.42	cps
Rhodium	103-2	7074863	7062512	7015438	7050938	0.44	cps
Scandium	45-1	6667581	6594302	6568614	6610165	0.78	cps
Scandium	45-2	567029	566032	573269	568777	0.69	cps
Selenium	82-1	27461	27751	28036	27749	1.04	cps
Selenium	77-2	2980	2970	2884	2945	1.81	cps
Selenium	78-2	10437	10207	10070	10238	1.81	cps
Silicon	28-1	1907543	1871106	1945525	1908058	1.95	cps
Silver	107-1	46258	46421	46948	46542	0.78	cps
Silver	109-1	2380	2624	2444	2482	5.09	cps
Sodium	23-2	7707782	7658161	7623033	7662992	0.56	cps
Strontium	86-1	531263	535055	535001	533773	0.41	cps
Strontium	88-1	4762171	4759151	4768243	4763189	0.10	cps
Sulfur	34-1	189739	189240	186695	188558	0.87	cps
Terbium	159-1	15680973	15560687	15756137	15665933	0.63	cps
Terbium	159-2	11177047	11310551	11187900	11225166	0.66	cps
Thallium	203-1	1605338	1604216	1629001	1612852	0.87	cps
Thallium	205-1	4065123	4177128	4093077	4111776	1.42	cps
Tin	118-1	1262914	1272312	1271934	1269053	0.42	cps
Titanium	47-1	708826	720620	725561	718336	1.20	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:52:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5249638	5278359	5338432	5288810	0.86	cps
Vanadium	51-2	588508	592099	587884	589497	0.39	cps
Yttrium	89-1	14409794	14518382	14333240	14420472	0.65	cps
Yttrium	89-2	3949176	3916604	3885777	3917186	0.81	cps
Zinc	66-2	1012457	1013015	1008779	1011417	0.23	cps
Zirconium	90-1	2875230	2954943	2932299	2920824	1.41	cps
Zirconium	91-1	635604	640698	643663	639988	0.64	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:55:21	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	654624	645960	645350	648644	0.80	cps
Antimony	121-1	1722817	1736078	1754124	1737673	0.90	cps
Arsenic	75-2	90493	90738	89689	90307	0.61	cps
Barium	135-1	1989990	1993920	2003798	1995903	0.36	cps
Barium	137-1	3432983	3419330	3474697	3442337	0.84	cps
Beryllium	9-1	186859	191387	189750	189332	1.21	cps
Bismuth	209-1	9561511	9534310	9521490	9539104	0.21	cps
Bismuth	209-2	8303551	8187899	8178617	8223355	0.85	cps
Bromine	81-1	13963	13900	13923	13929	0.23	cps
Bromine	81-2	197	160	167	174	11.20	cps
Cadmium	108-1	33191	33218	33308	33239	0.18	cps
Cadmium	106-1	51133	51468	51133	51244	0.38	cps
Cadmium	111-1	473005	480735	479786	477842	0.88	cps
Calcium	43-1	370188	374725	374718	373211	0.70	cps
Calcium	44-1	5690150	5780235	5818801	5763062	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	662740	652233	651320	655431	0.97	cps
Cobalt	59-2	1071460	1066326	1067072	1068286	0.26	cps
Copper	63-2	6265304	6185433	6263196	6237978	0.73	cps
Dysprosium	156-1	1397	1283	1327	1336	4.28	cps
Dysprosium	156-2	1073	1047	1100	1073	2.49	cps
Erbium	164-1	1203	1237	1233	1225	1.50	cps
Erbium	164-2	837	980	953	923	8.26	cps
Gadolinium	160-1	1187	1233	1290	1237	4.18	cps
Gadolinium	160-2	1377	1473	1433	1428	3.40	cps
Holmium	165-1	15272589	15376368	15327739	15325565	0.34	cps
Holmium	165-2	11366714	11329960	11246331	11314335	0.55	cps
Indium	115-1	12251059	12260386	12307243	12272896	0.25	cps
Indium	115-2	4586148	4582833	4541023	4570002	0.55	cps
Iron	56-2	29482909	29250465	29337545	29356973	0.40	cps
Iron	57-2	747888	740015	739541	742482	0.63	cps
Iron	54-2	1603511	1612607	1594596	1603572	0.56	cps
Krypton	83-1	230	227	257	238	6.92	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:55:21	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5237917	5316021	5301586	5285175	0.79	cps
Lead	207-1	4651906	4658559	4672642	4661036	0.23	cps
Lead	208-1	21087789	21208893	21198286	21164989	0.32	cps
Lithium	6-1	1640592	1638867	1656749	1645403	0.60	cps
Magnesium	24-2	4689365	4733817	4642687	4688623	0.97	cps
Manganese	55-2	3980576	3931437	3921005	3944339	0.81	cps
Molybdenum	94-1	3651760	3687167	3730018	3689648	1.06	cps
Molybdenum	95-1	4606901	4701373	4704110	4670795	1.19	cps
Molybdenum	96-1	5159818	5147049	5219820	5175562	0.75	cps
Molybdenum	97-1	2889595	2913770	2859807	2887724	0.94	cps
Molybdenum	98-1	7368085	7433526	7431109	7410907	0.50	cps
Neodymium	150-1	1623	1727	1593	1648	4.25	cps
Neodymium	150-2	1057	903	1007	989	7.91	cps
Nickel	60-2	267349	266659	264640	266216	0.53	cps
Phosphorus	31-2	190	227	310	242	25.39	cps
Potassium	39-2	3487665	3423689	3423028	3444794	1.08	cps
Rhodium	103-1	11443182	11393319	11315559	11384020	0.56	cps
Rhodium	103-2	6950487	6929538	6951715	6943913	0.18	cps
Scandium	45-1	6447239	6519943	6618966	6528716	1.32	cps
Scandium	45-2	569058	566152	560901	565370	0.73	cps
Selenium	82-1	27940	27634	27911	27828	0.61	cps
Selenium	77-2	3054	2764	2817	2878	5.36	cps
Selenium	78-2	10080	10190	10264	10178	0.91	cps
Silicon	28-1	1908782	2004133	1912115	1941677	2.79	cps
Silver	107-1	45777	45878	46116	45923	0.38	cps
Silver	109-1	2327	2507	2430	2421	3.73	cps
Sodium	23-2	7753179	7740700	7614852	7702910	0.99	cps
Strontium	86-1	530163	539283	539372	536273	0.99	cps
Strontium	88-1	4661085	4756367	4810399	4742617	1.59	cps
Sulfur	34-1	186193	185200	186273	185889	0.32	cps
Terbium	159-1	15594224	15601715	15720048	15638662	0.45	cps
Terbium	159-2	11143755	11255872	10978893	11126173	1.25	cps
Thallium	203-1	1603347	1629833	1639782	1624321	1.16	cps
Thallium	205-1	3999744	4088279	4142531	4076851	1.77	cps
Tin	118-1	1252475	1274299	1271648	1266141	0.94	cps
Titanium	47-1	706978	720079	717848	714968	0.98	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:55:21	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5203277	5249206	5246903	5233129	0.49	cps
Vanadium	51-2	594237	590355	583011	589201	0.97	cps
Yttrium	89-1	14480007	14175795	14365762	14340522	1.07	cps
Yttrium	89-2	3862612	3837230	3838730	3846191	0.37	cps
Zinc	66-2	1018664	1008993	1001795	1009817	0.84	cps
Zirconium	90-1	2930933	2976285	2917995	2941738	1.04	cps
Zirconium	91-1	634974	640396	646409	640593	0.89	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:01:10	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14752801	14663250	14664339	14693463	0.35	cps
Antimony	121-1	6636981	6655999	6687512	6660164	0.38	cps
Arsenic	75-2	327185	325910	326213	326436	0.20	cps
Barium	135-1	8427706	8529024	8461626	8472785	0.61	cps
Barium	137-1	14535649	14797928	14633209	14655595	0.90	cps
Beryllium	9-1	695440	708444	705184	703023	0.96	cps
Bismuth	209-1	8717397	8736274	8887723	8780465	1.06	cps
Bismuth	209-2	7374628	7478168	7400227	7417674	0.73	cps
Bromine	81-1	12182	12275	12175	12211	0.46	cps
Bromine	81-2	140	173	137	150	13.52	cps
Cadmium	108-1	118640	120781	120855	120092	1.05	cps
Cadmium	106-1	169472	171549	171020	170680	0.63	cps
Cadmium	111-1	1637401	1688943	1689459	1671934	1.79	cps
Calcium	43-1	8265140	8340582	8288158	8297960	0.47	cps
Calcium	44-1	134247531	135184925	133298461	134243639	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2544589	2547298	2567898	2553261	0.50	cps
Cobalt	59-2	3964448	3961041	3929265	3951585	0.49	cps
Copper	63-2	27812572	27940865	27869634	27874357	0.23	cps
Dysprosium	156-1	337	350	340	342	2.03	cps
Dysprosium	156-2	657	587	617	620	5.66	cps
Erbium	164-1	353	373	317	348	8.26	cps
Erbium	164-2	220	270	237	242	10.51	cps
Gadolinium	160-1	257	310	233	267	14.74	cps
Gadolinium	160-2	727	700	723	717	2.03	cps
Holmium	165-1	14854309	14936204	14985176	14925230	0.44	cps
Holmium	165-2	11010503	11092779	10897516	11000266	0.89	cps
Indium	115-1	11122400	11092464	11352365	11189076	1.27	cps
Indium	115-2	4134370	4232553	4151806	4172910	1.26	cps
Iron	56-2	593737364	596531671	598978284	596415773	0.44	cps
Iron	57-2	14912637	14879684	15043789	14945370	0.58	cps
Iron	54-2	32377811	32602494	32715358	32565221	0.53	cps
Krypton	83-1	300	243	230	258	14.42	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:01:10	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26112294	26420761	26335284	26289446	0.61	cps
Lead	207-1	22989394	23227587	22935455	23050812	0.67	cps
Lead	208-1	105179067	105916379	105300285	105465244	0.37	cps
Lithium	6-1	1544102	1580936	1584065	1569701	1.42	cps
Magnesium	24-2	115385315	113873852	114798345	114685837	0.66	cps
Manganese	55-2	20174981	20299091	20258758	20244277	0.31	cps
Molybdenum	94-1	22532605	22985253	22934175	22817344	1.09	cps
Molybdenum	95-1	32823762	32962745	33327375	33037961	0.79	cps
Molybdenum	96-1	36123486	36428062	36618209	36389919	0.69	cps
Molybdenum	97-1	20511750	20640732	20705560	20619347	0.48	cps
Molybdenum	98-1	52801091	53259864	53619703	53226886	0.77	cps
Neodymium	150-1	497	503	477	492	2.82	cps
Neodymium	150-2	180	163	160	168	6.39	cps
Nickel	60-2	949676	952420	951114	951070	0.14	cps
Phosphorus	31-2	133600	132773	132188	132854	0.53	cps
Potassium	39-2	72345334	72571591	72049551	72322158	0.36	cps
Rhodium	103-1	9927049	9997948	9988772	9971256	0.39	cps
Rhodium	103-2	6104432	6211141	6116222	6143931	0.95	cps
Scandium	45-1	6113888	6185667	6040973	6113509	1.18	cps
Scandium	45-2	534070	534764	536074	534969	0.19	cps
Selenium	82-1	96982	97901	97754	97545	0.51	cps
Selenium	77-2	10327	10070	10137	10178	1.31	cps
Selenium	78-2	33758	34326	33742	33942	0.98	cps
Silicon	28-1	3599880	3631957	3655954	3629264	0.78	cps
Silver	107-1	8139792	8247652	8262518	8216654	0.82	cps
Silver	109-1	7641166	7730406	7741919	7704497	0.72	cps
Sodium	23-2	185027044	185292744	182686077	184335288	0.78	cps
Strontium	86-1	2062760	2085367	2077668	2075265	0.55	cps
Strontium	88-1	18021533	18171451	17958224	18050403	0.61	cps
Sulfur	34-1	622806	625954	625297	624686	0.27	cps
Terbium	159-1	14909464	14994148	15090981	14998198	0.61	cps
Terbium	159-2	10774599	10749701	10697182	10740494	0.37	cps
Thallium	203-1	6460960	6639143	6692949	6597684	1.84	cps
Thallium	205-1	15603344	15809018	15803884	15738749	0.75	cps
Tin	118-1	5446921	5526992	5407845	5460586	1.11	cps
Titanium	47-1	7663570	7819886	7739185	7740880	1.01	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:01:10	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21015492	21139894	20863068	21006151	0.66	cps
Vanadium	51-2	2269097	2287646	2254870	2270537	0.72	cps
Yttrium	89-1	13265426	13499979	13402542	13389316	0.88	cps
Yttrium	89-2	3663010	3633781	3669890	3655560	0.52	cps
Zinc	66-2	4607644	4656245	4618396	4627429	0.55	cps
Zirconium	90-1	11034766	11310962	11241986	11195905	1.28	cps
Zirconium	91-1	2457561	2532757	2477570	2489296	1.56	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:03:52	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1897	1683	1527	1702	10.91	cps
Antimony	121-1	4084	3420	3050	3518	14.89	cps
Arsenic	75-2	60	50	73	61	19.15	cps
Barium	135-1	1820	1293	1217	1443	22.76	cps
Barium	137-1	3157	2667	2167	2664	18.59	cps
Beryllium	9-1	307	343	280	310	10.26	cps
Bismuth	209-1	9311518	9424007	9423112	9386212	0.69	cps
Bismuth	209-2	8255163	8387943	8272395	8305167	0.87	cps
Bromine	81-1	11848	12572	12862	12428	4.20	cps
Bromine	81-2	237	273	273	261	8.11	cps
Cadmium	108-1	33	33	27	31	12.36	cps
Cadmium	106-1	3217	3314	3017	3183	4.76	cps
Cadmium	111-1	2724	2656	2459	2613	5.27	cps
Calcium	43-1	2290	1527	1547	1788	24.34	cps
Calcium	44-1	39959	33738	29509	34402	15.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1337	1183	1270	1263	6.09	cps
Cobalt	59-2	537	620	613	590	7.85	cps
Copper	63-2	4901	4704	4251	4619	7.22	cps
Dysprosium	156-1	10	10	20	13	43.30	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	73	83	43	67	31.23	cps
Erbium	164-2	50	37	43	43	15.38	cps
Gadolinium	160-1	67	53	53	58	13.33	cps
Gadolinium	160-2	583	593	620	599	3.17	cps
Holmium	165-1	14697611	14738177	14852917	14762902	0.55	cps
Holmium	165-2	11409148	11421634	11310039	11380274	0.54	cps
Indium	115-1	11681135	11928195	11998918	11869416	1.41	cps
Indium	115-2	4598579	4590866	4548587	4579344	0.59	cps
Iron	56-2	91979	86128	81194	86434	6.25	cps
Iron	57-2	2567	2600	2584	2584	0.65	cps
Iron	54-2	6705	5971	5724	6134	8.31	cps
Krypton	83-1	193	180	193	189	4.08	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:03:52	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7412	6025	5338	6258	16.88	cps
Lead	207-1	6348	5348	4691	5462	15.28	cps
Lead	208-1	29212	24439	21210	24954	16.13	cps
Lithium	6-1	1598539	1617632	1623342	1613171	0.81	cps
Magnesium	24-2	14674	13950	13026	13883	5.95	cps
Manganese	55-2	2980	2520	2527	2676	9.86	cps
Molybdenum	94-1	5928	4751	4204	4961	17.76	cps
Molybdenum	95-1	7826	6351	5184	6454	20.51	cps
Molybdenum	96-1	8646	6828	5921	7132	19.45	cps
Molybdenum	97-1	4931	3874	3227	4011	21.45	cps
Molybdenum	98-1	12255	10274	8566	10365	17.81	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	573	550	610	578	5.24	cps
Phosphorus	31-2	160	140	197	166	17.36	cps
Potassium	39-2	61992	61062	60188	61081	1.48	cps
Rhodium	103-1	10735996	10932167	10974204	10880789	1.17	cps
Rhodium	103-2	6970453	7016140	7008648	6998414	0.35	cps
Scandium	45-1	6105773	6220871	6252598	6193081	1.25	cps
Scandium	45-2	553846	554179	555159	554395	0.12	cps
Selenium	82-1	252	214	239	235	8.11	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	453	413	373	413	9.68	cps
Silicon	28-1	641878	642711	640979	641856	0.13	cps
Silver	107-1	2743	2290	1864	2299	19.12	cps
Silver	109-1	2684	2227	1743	2218	21.20	cps
Sodium	23-2	72546	68089	64729	68455	5.73	cps
Strontium	86-1	750	813	577	713	17.18	cps
Strontium	88-1	4027	3397	2827	3417	17.57	cps
Sulfur	34-1	171908	176222	176297	174809	1.44	cps
Terbium	159-1	14791469	14995443	15251036	15012649	1.53	cps
Terbium	159-2	10996825	11229679	11115721	11114075	1.05	cps
Thallium	203-1	2330	2020	1900	2084	10.65	cps
Thallium	205-1	5781	4658	4211	4883	16.57	cps
Tin	118-1	3064	3057	2847	2989	4.12	cps
Titanium	47-1	1990	1597	1237	1608	23.44	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:03:52	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4461	3260	2964	3562	22.26	cps
Vanadium	51-2	293	223	227	248	15.94	cps
Yttrium	89-1	13285967	13729414	13793416	13602932	2.03	cps
Yttrium	89-2	3816689	3889690	3814065	3840148	1.12	cps
Zinc	66-2	947	1070	853	957	11.36	cps
Zirconium	90-1	3697	3367	2840	3302	13.09	cps
Zirconium	91-1	830	680	637	716	14.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5213-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03I-15-1206:	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:07:52	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	619227	612836	622478	618180	0.79	cps
Antimony	121-1	917	780	873	857	8.15	cps
Arsenic	75-2	1077	1090	1117	1094	1.86	cps
Barium	135-1	26425	26672	26839	26645	0.78	cps
Barium	137-1	45325	46322	46328	45992	1.26	cps
Beryllium	9-1	217	187	223	209	9.35	cps
Bismuth	209-1	9435412	9747570	9496911	9559964	1.73	cps
Bismuth	209-2	8665222	8622911	8500099	8596077	1.00	cps
Bromine	81-1	14380	14764	14958	14701	2.00	cps
Bromine	81-2	443	460	377	427	10.33	cps
Cadmium	108-1	103	133	117	118	12.77	cps
Cadmium	106-1	3627	3717	3794	3713	2.25	cps
Cadmium	111-1	2574	2607	2689	2623	2.26	cps
Calcium	43-1	1247	1323	1290	1287	2.99	cps
Calcium	44-1	26941	27241	26977	27053	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37807	37473	37764	37681	0.48	cps
Cobalt	59-2	3620	3437	3580	3546	2.72	cps
Copper	63-2	18438	18355	18068	18287	1.06	cps
Dysprosium	156-1	13663	13930	13854	13816	0.99	cps
Dysprosium	156-2	11702	11895	11558	11718	1.44	cps
Erbium	164-1	13266	13366	13113	13249	0.96	cps
Erbium	164-2	9987	9837	9894	9906	0.77	cps
Gadolinium	160-1	12726	12799	13557	13027	3.53	cps
Gadolinium	160-2	11195	11034	11114	11114	0.72	cps
Holmium	165-1	15015391	15324612	15367676	15235893	1.26	cps
Holmium	165-2	11650410	11705216	11495160	11616929	0.94	cps
Indium	115-1	12144285	12373543	12511059	12342962	1.50	cps
Indium	115-2	4787205	4742137	4733689	4754344	0.61	cps
Iron	56-2	18537242	18899201	18603469	18679970	1.03	cps
Iron	57-2	469177	469426	471285	469963	0.25	cps
Iron	54-2	1027926	1033095	1030880	1030634	0.25	cps
Krypton	83-1	210	220	237	222	6.06	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5213-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03I-15-1206(	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:07:52	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27535	27388	27631	27518	0.45	cps
Lead	207-1	22292	23063	22963	22772	1.84	cps
Lead	208-1	106490	107202	109398	107697	1.41	cps
Lithium	6-1	1604861	1617021	1680169	1634017	2.47	cps
Magnesium	24-2	31629	32190	32314	32045	1.14	cps
Manganese	55-2	86842	86450	85736	86342	0.65	cps
Molybdenum	94-1	44892	45096	45377	45121	0.54	cps
Molybdenum	95-1	2210	2000	2074	2095	5.09	cps
Molybdenum	96-1	9713	9513	9880	9702	1.89	cps
Molybdenum	97-1	1293	1260	1323	1292	2.45	cps
Molybdenum	98-1	3420	3310	3447	3393	2.14	cps
Neodymium	150-1	17895	17521	18182	17866	1.85	cps
Neodymium	150-2	11618	11378	11445	11480	1.08	cps
Nickel	60-2	1963	2170	1930	2021	6.43	cps
Phosphorus	31-2	1313	1223	1333	1290	4.54	cps
Potassium	39-2	140109	138930	140594	139878	0.61	cps
Rhodium	103-1	11240099	11474781	11425672	11380184	1.09	cps
Rhodium	103-2	7304124	7240190	7112427	7218914	1.35	cps
Scandium	45-1	6405953	6690494	6618336	6571594	2.25	cps
Scandium	45-2	581915	583730	589736	585127	0.70	cps
Selenium	82-1	301	226	259	262	14.42	cps
Selenium	77-2	27	47	40	38	26.95	cps
Selenium	78-2	463	433	443	447	3.42	cps
Silicon	28-1	2639563	2648962	2923081	2737202	5.88	cps
Silver	107-1	759	711	736	736	3.24	cps
Silver	109-1	460	440	477	459	4.00	cps
Sodium	23-2	38909	37739	37733	38127	1.78	cps
Strontium	86-1	2390	2514	2367	2424	3.25	cps
Strontium	88-1	16786	16429	17394	16870	2.89	cps
Sulfur	34-1	189253	190103	189023	189460	0.30	cps
Terbium	159-1	15213125	15549891	15637185	15466734	1.45	cps
Terbium	159-2	11567928	11337271	11392644	11432614	1.05	cps
Thallium	203-1	1040	967	920	976	6.20	cps
Thallium	205-1	2424	2270	2400	2365	3.49	cps
Tin	118-1	5668	5651	5481	5600	1.85	cps
Titanium	47-1	31954	32375	32528	32286	0.92	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5213-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03I-15-1206:	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:07:52	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18613	19334	19114	19020	1.94	cps
Vanadium	51-2	53263	52983	53621	53289	0.60	cps
Yttrium	89-1	14394894	14594887	14522115	14503965	0.70	cps
Yttrium	89-2	4044836	4123151	4050085	4072691	1.07	cps
Zinc	66-2	3764	3844	3787	3798	1.08	cps
Zirconium	90-1	119018	120143	120825	119995	0.76	cps
Zirconium	91-1	26270	26751	27626	26883	2.56	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5236-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03D-3-12072	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	615019	613482	621294	616599	0.67	cps
Antimony	121-1	983	1123	993	1033	7.56	cps
Arsenic	75-2	8016	8069	8189	8091	1.10	cps
Barium	135-1	43305	44085	43964	43785	0.96	cps
Barium	137-1	74922	76679	75603	75735	1.17	cps
Beryllium	9-1	203	270	267	247	15.23	cps
Bismuth	209-1	9496349	9574602	9752128	9607693	1.36	cps
Bismuth	209-2	8576563	8481493	8435270	8497775	0.85	cps
Bromine	81-1	14741	15612	15635	15329	3.32	cps
Bromine	81-2	800	613	647	687	14.50	cps
Cadmium	108-1	457	437	407	433	5.81	cps
Cadmium	106-1	5351	5164	4951	5155	3.88	cps
Cadmium	111-1	3700	3598	3407	3568	4.17	cps
Calcium	43-1	1777	1877	1733	1796	4.09	cps
Calcium	44-1	33851	36190	34516	34852	3.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	232386	231466	232172	232008	0.21	cps
Cobalt	59-2	713	620	590	641	10.03	cps
Copper	63-2	59133	58383	58571	58695	0.66	cps
Dysprosium	156-1	67672	67839	68422	67978	0.58	cps
Dysprosium	156-2	56563	56972	56858	56798	0.37	cps
Erbium	164-1	73716	76129	75586	75144	1.68	cps
Erbium	164-2	56323	55824	56818	56322	0.88	cps
Gadolinium	160-1	69672	71103	71274	70683	1.24	cps
Gadolinium	160-2	55432	55161	56574	55722	1.35	cps
Holmium	165-1	15253221	14997262	15230994	15160492	0.94	cps
Holmium	165-2	11573586	11755847	11719151	11682861	0.83	cps
Indium	115-1	12502633	12300108	12448894	12417212	0.84	cps
Indium	115-2	4812403	4778726	4814780	4801970	0.42	cps
Iron	56-2	49788438	49348363	50163163	49766654	0.82	cps
Iron	57-2	1258025	1241251	1255593	1251623	0.72	cps
Iron	54-2	2745916	2762879	2752032	2753609	0.31	cps
Krypton	83-1	330	323	333	329	1.55	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5236-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03D-3-12072	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	78069	78579	78612	78420	0.39	cps
Lead	207-1	63146	63213	63578	63312	0.37	cps
Lead	208-1	297815	300719	301182	299906	0.61	cps
Lithium	6-1	1620021	1670913	1659695	1650210	1.62	cps
Magnesium	24-2	8779	9063	9206	9016	2.41	cps
Manganese	55-2	6438	6495	6391	6441	0.80	cps
Molybdenum	94-1	209536	211508	214053	211699	1.07	cps
Molybdenum	95-1	1737	2665	1700	2034	26.87	cps
Molybdenum	96-1	37154	39169	38484	38269	2.68	cps
Molybdenum	97-1	967	1761	987	1238	36.56	cps
Molybdenum	98-1	2617	4106	2510	3078	28.98	cps
Neodymium	150-1	82141	84494	84323	83653	1.57	cps
Neodymium	150-2	53441	52865	53621	53309	0.74	cps
Nickel	60-2	1173	1240	1173	1196	3.22	cps
Phosphorus	31-2	1017	963	957	979	3.36	cps
Potassium	39-2	265749	265425	268366	266513	0.61	cps
Rhodium	103-1	11346123	11422865	11551031	11440007	0.90	cps
Rhodium	103-2	7280999	7254752	7269876	7268542	0.18	cps
Scandium	45-1	7000526	6934057	6978061	6970881	0.49	cps
Scandium	45-2	612774	609870	619321	613988	0.79	cps
Selenium	82-1	353	365	322	347	6.44	cps
Selenium	77-2	173	160	160	164	4.68	cps
Selenium	78-2	610	590	633	611	3.55	cps
Silicon	28-1	2434276	2560051	2531454	2508594	2.63	cps
Silver	107-1	1393	1466	1373	1410	3.45	cps
Silver	109-1	313	383	347	348	10.07	cps
Sodium	23-2	38705	38882	38678	38755	0.29	cps
Strontium	86-1	9090	9723	9126	9313	3.82	cps
Strontium	88-1	73918	78399	75985	76100	2.95	cps
Sulfur	34-1	190690	190013	190775	190493	0.22	cps
Terbium	159-1	15413701	15376128	15783815	15524548	1.45	cps
Terbium	159-2	11563289	11441502	11548738	11517843	0.58	cps
Thallium	203-1	1410	1503	1400	1438	3.96	cps
Thallium	205-1	3304	3651	3537	3497	5.06	cps
Tin	118-1	7602	7819	7725	7715	1.41	cps
Titanium	47-1	15135	15044	15259	15146	0.71	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5236-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03D-3-12072	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	76985	79442	79576	78668	1.85	cps
Vanadium	51-2	301503	297721	301368	300197	0.71	cps
Yttrium	89-1	15216515	15451753	15478554	15382274	0.94	cps
Yttrium	89-2	4277253	4257675	4266674	4267201	0.23	cps
Zinc	66-2	1180	1313	1347	1280	6.89	cps
Zirconium	90-1	574801	581249	579417	578489	0.57	cps
Zirconium	91-1	125693	127894	128725	127437	1.23	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5076-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL2-SB02I-7.5-1202	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:14:20	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1998550	2020666	1963920	1994379	1.43	cps
Antimony	121-1	507	547	610	554	9.40	cps
Arsenic	75-2	2844	2820	2657	2774	3.67	cps
Barium	135-1	140316	142679	142592	141863	0.94	cps
Barium	137-1	249057	249567	251700	250108	0.56	cps
Beryllium	9-1	767	810	757	778	3.65	cps
Bismuth	209-1	9395411	9444527	9577557	9472498	0.99	cps
Bismuth	209-2	8407882	8416518	8396539	8406980	0.12	cps
Bromine	81-1	14624	14624	14978	14742	1.39	cps
Bromine	81-2	407	383	383	391	3.45	cps
Cadmium	108-1	177	187	173	179	3.88	cps
Cadmium	106-1	4074	4284	3974	4111	3.85	cps
Cadmium	111-1	2907	3062	2819	2929	4.19	cps
Calcium	43-1	12232	12455	12595	12427	1.48	cps
Calcium	44-1	203556	206617	204020	204731	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83942	83982	84274	84066	0.22	cps
Cobalt	59-2	49715	50595	49391	49900	1.25	cps
Copper	63-2	51598	51792	51488	51626	0.30	cps
Dysprosium	156-1	25443	26141	26368	25984	1.86	cps
Dysprosium	156-2	22281	22281	21703	22089	1.51	cps
Erbium	164-1	20208	20178	20582	20323	1.11	cps
Erbium	164-2	15255	15085	15946	15429	2.96	cps
Gadolinium	160-1	22862	22799	22441	22701	1.00	cps
Gadolinium	160-2	18172	18265	18319	18252	0.41	cps
Holmium	165-1	15227868	15600129	15382602	15403533	1.21	cps
Holmium	165-2	11521601	11450057	11476250	11482636	0.32	cps
Indium	115-1	12530932	12751973	12448807	12577237	1.25	cps
Indium	115-2	4728599	4710579	4671965	4703714	0.62	cps
Iron	56-2	74340647	74500544	74104167	74315119	0.27	cps
Iron	57-2	1876586	1847725	1851293	1858535	0.85	cps
Iron	54-2	4014209	4038199	4046582	4032997	0.42	cps
Krypton	83-1	237	293	260	263	10.82	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5076-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL2-SB02I-7.5-1202	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:14:20	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	89307	91324	89438	90023	1.25	cps
Lead	207-1	74563	74492	74680	74578	0.13	cps
Lead	208-1	346022	351154	350040	349072	0.77	cps
Lithium	6-1	1654788	1647513	1671105	1657802	0.73	cps
Magnesium	24-2	376574	376664	379887	377708	0.50	cps
Manganese	55-2	645011	643964	644937	644637	0.09	cps
Molybdenum	94-1	72374	74461	74227	73687	1.55	cps
Molybdenum	95-1	4314	4274	4271	4286	0.56	cps
Molybdenum	96-1	17561	17447	17460	17489	0.35	cps
Molybdenum	97-1	2724	2734	2767	2741	0.83	cps
Molybdenum	98-1	6708	6775	6902	6795	1.45	cps
Neodymium	150-1	38011	38736	38325	38358	0.95	cps
Neodymium	150-2	23800	24839	23997	24212	2.28	cps
Nickel	60-2	14053	14000	13790	13948	1.00	cps
Phosphorus	31-2	2884	2854	2630	2789	4.96	cps
Potassium	39-2	423638	422345	422107	422697	0.19	cps
Rhodium	103-1	11808364	11940811	11730096	11826423	0.90	cps
Rhodium	103-2	7291789	7198678	7225347	7238605	0.66	cps
Scandium	45-1	6778558	6870686	6874960	6841401	0.80	cps
Scandium	45-2	593599	591462	590259	591773	0.29	cps
Selenium	82-1	279	225	239	248	11.42	cps
Selenium	77-2	103	83	83	90	12.83	cps
Selenium	78-2	490	487	440	472	5.92	cps
Silicon	28-1	4968396	4961091	5292191	5073893	3.73	cps
Silver	107-1	885	978	896	920	5.56	cps
Silver	109-1	480	560	493	511	8.39	cps
Sodium	23-2	44765	43949	43675	44130	1.28	cps
Strontium	86-1	13613	13633	13873	13706	1.06	cps
Strontium	88-1	115217	116775	117300	116431	0.93	cps
Sulfur	34-1	197127	196105	193938	195723	0.83	cps
Terbium	159-1	15898391	15751574	15863110	15837692	0.48	cps
Terbium	159-2	11324164	11287924	11273879	11295323	0.23	cps
Thallium	203-1	1890	1797	1813	1833	2.72	cps
Thallium	205-1	4351	4311	4214	4292	1.64	cps
Tin	118-1	3587	3294	3834	3572	7.57	cps
Titanium	47-1	303399	311886	310732	308672	1.49	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5076-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL2-SB02I-7.5-1202	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:14:20	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36012	35196	36122	35777	1.41	cps
Vanadium	51-2	123805	123016	122556	123126	0.51	cps
Yttrium	89-1	14865190	14956400	14956498	14926030	0.35	cps
Yttrium	89-2	4098698	4042994	4049612	4063768	0.75	cps
Zinc	66-2	20180	20167	19967	20105	0.60	cps
Zirconium	90-1	191241	196942	196381	194855	1.61	cps
Zirconium	91-1	43110	43400	44206	43572	1.30	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:20:37	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14566071	14747722	14488544	14600779	0.91	cps
Antimony	121-1	6436423	6561476	6528596	6508832	1.00	cps
Arsenic	75-2	325688	320346	321758	322597	0.86	cps
Barium	135-1	8295930	8442409	8392366	8376902	0.89	cps
Barium	137-1	14171220	14482989	14481681	14378630	1.25	cps
Beryllium	9-1	693040	707142	710465	703549	1.32	cps
Bismuth	209-1	8776940	8694254	8589237	8686811	1.08	cps
Bismuth	209-2	7412006	7389467	7354149	7385207	0.39	cps
Bromine	81-1	12565	12319	12198	12361	1.51	cps
Bromine	81-2	187	203	197	196	4.29	cps
Cadmium	108-1	117212	119547	119561	118773	1.14	cps
Cadmium	106-1	166542	170170	168572	168428	1.08	cps
Cadmium	111-1	1607915	1631072	1633535	1624174	0.87	cps
Calcium	43-1	8203584	8340568	8283322	8275825	0.83	cps
Calcium	44-1	131325348	133697775	133045158	132689427	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2524624	2511456	2496562	2510881	0.56	cps
Cobalt	59-2	3906375	3935288	3901668	3914443	0.47	cps
Copper	63-2	27576075	27714892	27732754	27674574	0.31	cps
Dysprosium	156-1	377	263	337	326	17.65	cps
Dysprosium	156-2	603	583	617	601	2.79	cps
Erbium	164-1	317	340	360	339	6.40	cps
Erbium	164-2	263	253	307	274	10.33	cps
Gadolinium	160-1	267	310	290	289	7.51	cps
Gadolinium	160-2	730	717	793	747	5.49	cps
Holmium	165-1	15123612	14824742	14821425	14923260	1.16	cps
Holmium	165-2	10777782	10873707	10872449	10841312	0.51	cps
Indium	115-1	11517114	11215311	11137492	11289972	1.78	cps
Indium	115-2	4125258	4179394	4115801	4140151	0.83	cps
Iron	56-2	596032178	595515604	588870471	593472751	0.67	cps
Iron	57-2	14866941	14876740	14656022	14799901	0.84	cps
Iron	54-2	32229303	32280984	32045470	32185252	0.38	cps
Krypton	83-1	230	237	287	251	12.33	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:20:37	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25238654	26162218	25950613	25783828	1.88	cps
Lead	207-1	22208935	22877066	22814900	22633634	1.63	cps
Lead	208-1	101561403	104466703	104036844	103354983	1.52	cps
Lithium	6-1	1620043	1550112	1586990	1585715	2.21	cps
Magnesium	24-2	113417955	114940285	113568388	113975543	0.74	cps
Manganese	55-2	20117237	20220066	20022533	20119945	0.49	cps
Molybdenum	94-1	22723628	22653794	22587861	22655094	0.30	cps
Molybdenum	95-1	32810305	32951682	32694019	32818669	0.39	cps
Molybdenum	96-1	35845712	35834418	35694901	35791677	0.23	cps
Molybdenum	97-1	20281851	20297885	20257758	20279165	0.10	cps
Molybdenum	98-1	52175516	52303224	52029831	52169524	0.26	cps
Neodymium	150-1	577	543	557	559	3.00	cps
Neodymium	150-2	183	173	180	179	2.85	cps
Nickel	60-2	940729	935540	940087	938785	0.30	cps
Phosphorus	31-2	131936	131469	131180	131528	0.29	cps
Potassium	39-2	71559266	71725907	71475457	71586877	0.18	cps
Rhodium	103-1	10325074	9908749	9855360	10029728	2.56	cps
Rhodium	103-2	6089536	6131784	6122714	6114678	0.36	cps
Scandium	45-1	6395513	6205329	6207319	6269387	1.74	cps
Scandium	45-2	532303	534982	526018	531101	0.87	cps
Selenium	82-1	95838	97003	96989	96610	0.69	cps
Selenium	77-2	9903	10190	10013	10036	1.44	cps
Selenium	78-2	34129	33518	33598	33748	0.98	cps
Silicon	28-1	3535273	3653248	3636410	3608310	1.77	cps
Silver	107-1	8084104	8124745	8171747	8126865	0.54	cps
Silver	109-1	7631482	7516851	7710373	7619569	1.28	cps
Sodium	23-2	183079077	183510104	181888437	182825873	0.46	cps
Strontium	86-1	2010635	2042675	2074011	2042440	1.55	cps
Strontium	88-1	17871297	17807115	17950071	17876161	0.40	cps
Sulfur	34-1	634578	634014	626502	631698	0.71	cps
Terbium	159-1	15387075	15173656	14870558	15143763	1.71	cps
Terbium	159-2	10693295	10817542	10540581	10683806	1.30	cps
Thallium	203-1	6487572	6566991	6574758	6543107	0.74	cps
Thallium	205-1	15333506	15565500	15665266	15521424	1.10	cps
Tin	118-1	5361008	5414272	5339936	5371739	0.71	cps
Titanium	47-1	7712252	7839083	7732937	7761424	0.88	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:20:37	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19989556	20850424	20726000	20521994	2.27	cps
Vanadium	51-2	2252261	2230606	2256115	2246327	0.61	cps
Yttrium	89-1	13987441	13443770	13352903	13594705	2.52	cps
Yttrium	89-2	3647002	3658625	3621343	3642323	0.52	cps
Zinc	66-2	4683944	4658895	4623988	4655609	0.65	cps
Zirconium	90-1	11086788	11190060	11147328	11141392	0.47	cps
Zirconium	91-1	2459184	2474645	2472652	2468827	0.34	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:23:19	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1720	1597	1417	1578	9.67	cps
Antimony	121-1	3884	3194	2780	3286	16.97	cps
Arsenic	75-2	30	37	33	33	10.01	cps
Barium	135-1	1957	1450	1143	1517	27.08	cps
Barium	137-1	3457	2637	1980	2691	27.49	cps
Beryllium	9-1	323	300	243	289	14.24	cps
Bismuth	209-1	9540387	9646528	9481489	9556135	0.88	cps
Bismuth	209-2	8306506	8415124	8389213	8370281	0.68	cps
Bromine	81-1	11845	12399	12822	12355	3.97	cps
Bromine	81-2	207	240	240	229	8.41	cps
Cadmium	108-1	57	33	27	39	40.51	cps
Cadmium	106-1	3354	3444	3520	3439	2.43	cps
Cadmium	111-1	2814	2724	2701	2746	2.18	cps
Calcium	43-1	2574	1803	1337	1905	32.79	cps
Calcium	44-1	44258	33166	28079	35168	23.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1263	1220	1243	1242	1.75	cps
Cobalt	59-2	550	497	500	516	5.79	cps
Copper	63-2	4311	3757	3670	3913	8.88	cps
Dysprosium	156-1	20	27	20	22	17.33	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	53	40	40	44	17.32	cps
Erbium	164-2	30	63	30	41	46.81	cps
Gadolinium	160-1	47	57	47	50	11.55	cps
Gadolinium	160-2	570	660	597	609	7.59	cps
Holmium	165-1	14907895	14847427	14979114	14911479	0.44	cps
Holmium	165-2	11231939	11278052	11356973	11288988	0.56	cps
Indium	115-1	12060933	12070008	12085591	12072178	0.10	cps
Indium	115-2	4629405	4580065	4549975	4586481	0.87	cps
Iron	56-2	82458	76386	70775	76540	7.63	cps
Iron	57-2	2490	2314	2220	2341	5.86	cps
Iron	54-2	5821	5678	5504	5668	2.80	cps
Krypton	83-1	203	240	250	231	10.63	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:23:19	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7525	5821	4828	6058	22.52	cps
Lead	207-1	6905	5228	4231	5455	24.78	cps
Lead	208-1	31351	23375	19766	24831	23.88	cps
Lithium	6-1	1603329	1633671	1651177	1629392	1.49	cps
Magnesium	24-2	12719	11564	10781	11688	8.34	cps
Manganese	55-2	2377	2330	2224	2310	3.40	cps
Molybdenum	94-1	6365	4841	3834	5013	25.42	cps
Molybdenum	95-1	8656	6048	4924	6543	29.26	cps
Molybdenum	96-1	9803	6665	5324	7264	31.65	cps
Molybdenum	97-1	5324	3977	3104	4135	27.05	cps
Molybdenum	98-1	14044	9893	7832	10590	29.88	cps
Neodymium	150-1	10	3	0	4	114.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	523	500	597	540	9.34	cps
Phosphorus	31-2	117	167	177	153	20.96	cps
Potassium	39-2	59322	59422	58518	59087	0.84	cps
Rhodium	103-1	11013733	10910814	11090475	11005008	0.82	cps
Rhodium	103-2	7082232	6961417	6855551	6966400	1.63	cps
Scandium	45-1	6183720	6248731	6277824	6236758	0.77	cps
Scandium	45-2	551384	555599	557129	554704	0.54	cps
Selenium	82-1	264	132	207	201	32.90	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	507	410	450	456	10.66	cps
Silicon	28-1	612763	612143	614035	612980	0.16	cps
Silver	107-1	2909	2116	1708	2244	27.21	cps
Silver	109-1	2630	2107	1707	2148	21.56	cps
Sodium	23-2	59832	57206	54225	57088	4.91	cps
Strontium	86-1	867	763	633	754	15.50	cps
Strontium	88-1	4704	3297	2494	3498	31.99	cps
Sulfur	34-1	176432	178580	179086	178032	0.79	cps
Terbium	159-1	15266696	14918965	15205596	15130419	1.23	cps
Terbium	159-2	11053869	11085715	10916272	11018619	0.82	cps
Thallium	203-1	2144	1723	1510	1792	17.98	cps
Thallium	205-1	5114	4181	3490	4262	19.12	cps
Tin	118-1	3370	3104	2914	3129	7.33	cps
Titanium	47-1	2054	1513	1080	1549	31.48	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:23:19	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4831	3207	2677	3572	31.42	cps
Vanadium	51-2	223	233	220	226	3.08	cps
Yttrium	89-1	13823216	13687794	13825726	13778912	0.57	cps
Yttrium	89-2	3826405	3874056	3783058	3827840	1.19	cps
Zinc	66-2	1037	1023	923	994	6.23	cps
Zirconium	90-1	4131	2994	2800	3308	21.73	cps
Zirconium	91-1	873	760	580	738	20.05	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:40:10	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	803	773	803	793	2.18	cps
Antimony	121-1	603	650	637	630	3.82	cps
Arsenic	75-2	27	30	23	27	12.51	cps
Barium	135-1	413	397	353	388	7.99	cps
Barium	137-1	640	637	717	664	6.81	cps
Beryllium	9-1	133	130	107	123	11.78	cps
Bismuth	209-1	9246147	9183774	9113075	9180999	0.73	cps
Bismuth	209-2	8300866	8194204	8086128	8193733	1.31	cps
Bromine	81-1	14080	13656	13993	13910	1.61	cps
Bromine	81-2	257	293	317	289	10.47	cps
Cadmium	108-1	13	10	10	11	17.30	cps
Cadmium	106-1	3097	3064	3110	3090	0.78	cps
Cadmium	111-1	2250	2236	2265	2250	0.65	cps
Calcium	43-1	493	580	630	568	12.18	cps
Calcium	44-1	14624	14614	15198	14812	2.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1140	1170	953	1088	10.79	cps
Cobalt	59-2	243	290	253	262	9.37	cps
Copper	63-2	2317	2327	2337	2327	0.43	cps
Dysprosium	156-1	20	27	13	20	33.35	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	70	50	73	64	19.58	cps
Erbium	164-2	43	30	43	39	19.79	cps
Gadolinium	160-1	60	53	33	49	28.39	cps
Gadolinium	160-2	687	527	590	601	13.40	cps
Holmium	165-1	14713186	15025247	14975721	14904718	1.13	cps
Holmium	165-2	11343991	11143277	11215621	11234296	0.90	cps
Indium	115-1	12296306	12360038	12306849	12321065	0.28	cps
Indium	115-2	4738816	4731866	4705364	4725349	0.37	cps
Iron	56-2	44218	43817	43650	43895	0.67	cps
Iron	57-2	1653	1603	1550	1602	3.23	cps
Iron	54-2	4117	3914	3847	3959	3.55	cps
Krypton	83-1	227	220	217	221	2.30	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:40:10	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1980	2014	1974	1989	1.08	cps
Lead	207-1	1707	1777	1643	1709	3.90	cps
Lead	208-1	7744	8031	7758	7844	2.06	cps
Lithium	6-1	1576833	1573801	1589079	1579904	0.51	cps
Magnesium	24-2	6138	5881	6048	6022	2.16	cps
Manganese	55-2	1210	1183	1190	1195	1.16	cps
Molybdenum	94-1	1200	1363	1207	1257	7.36	cps
Molybdenum	95-1	1553	1593	1453	1533	4.70	cps
Molybdenum	96-1	1767	1747	1723	1746	1.24	cps
Molybdenum	97-1	890	913	930	911	2.21	cps
Molybdenum	98-1	2600	2454	2427	2494	3.74	cps
Neodymium	150-1	3	0	3	2	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	427	487	447	453	6.74	cps
Phosphorus	31-2	143	197	203	181	18.16	cps
Potassium	39-2	58000	59543	59218	58920	1.38	cps
Rhodium	103-1	11469237	11508590	11518134	11498654	0.23	cps
Rhodium	103-2	7191696	7114831	7068898	7125141	0.87	cps
Scandium	45-1	6657379	6735857	6732648	6708628	0.66	cps
Scandium	45-2	594018	590642	586147	590269	0.67	cps
Selenium	82-1	239	244	232	238	2.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	497	477	440	471	6.10	cps
Silicon	28-1	662113	660988	666531	663211	0.44	cps
Silver	107-1	413	442	509	455	10.89	cps
Silver	109-1	467	463	380	437	11.25	cps
Sodium	23-2	33520	32538	32902	32986	1.51	cps
Strontium	86-1	423	407	470	433	7.58	cps
Strontium	88-1	883	1003	1037	974	8.28	cps
Sulfur	34-1	200126	202881	203462	202156	0.88	cps
Terbium	159-1	15109645	15213482	15156231	15159786	0.34	cps
Terbium	159-2	11151679	11073548	10837915	11021047	1.48	cps
Thallium	203-1	643	567	627	612	6.59	cps
Thallium	205-1	1260	1470	1457	1396	8.43	cps
Tin	118-1	2177	2084	2140	2134	2.20	cps
Titanium	47-1	440	363	433	412	10.30	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:40:10	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	750	703	750	734	3.67	cps
Vanadium	51-2	103	83	123	103	19.36	cps
Yttrium	89-1	14346640	14492657	14452815	14430704	0.52	cps
Yttrium	89-2	3994870	4014693	4006119	4005227	0.25	cps
Zinc	66-2	547	603	637	596	7.64	cps
Zirconium	90-1	1147	1343	1250	1247	7.89	cps
Zirconium	91-1	317	253	230	267	16.82	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:02:58	DataFile Name :	046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12509	12722	13006	12745	1.96	cps
Antimony	121-1	53696	54496	54436	54209	0.82	cps
Arsenic	75-2	1490	1690	1567	1582	6.38	cps
Barium	135-1	64401	65861	65620	65294	1.20	cps
Barium	137-1	112658	113881	113353	113297	0.54	cps
Beryllium	9-1	3144	3180	3077	3134	1.67	cps
Bismuth	209-1	9407815	9317303	9428398	9384505	0.63	cps
Bismuth	209-2	8252645	8144859	8368817	8255440	1.36	cps
Bromine	81-1	15074	14704	14991	14923	1.30	cps
Bromine	81-2	227	180	230	212	13.17	cps
Cadmium	108-1	567	553	507	542	5.81	cps
Cadmium	106-1	4077	3861	4001	3979	2.76	cps
Cadmium	111-1	9711	9873	9690	9758	1.03	cps
Calcium	43-1	37309	38472	38205	37995	1.60	cps
Calcium	44-1	614415	622029	617579	618008	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23141	23195	23205	23180	0.15	cps
Cobalt	59-2	18468	18218	18531	18406	0.90	cps
Copper	63-2	31189	31059	30872	31040	0.51	cps
Dysprosium	156-1	27	17	27	23	24.74	cps
Dysprosium	156-2	10	13	23	16	44.60	cps
Erbium	164-1	57	57	90	68	28.39	cps
Erbium	164-2	17	53	37	36	51.62	cps
Gadolinium	160-1	37	60	60	52	25.79	cps
Gadolinium	160-2	610	620	613	614	0.83	cps
Holmium	165-1	15390303	15159336	15275811	15275150	0.76	cps
Holmium	165-2	11460428	11314081	11640764	11471758	1.43	cps
Indium	115-1	12811564	12798521	13068971	12893019	1.18	cps
Indium	115-2	4904223	4892082	4883594	4893300	0.21	cps
Iron	56-2	2193360	2181675	2144690	2173242	1.17	cps
Iron	57-2	55642	55903	56191	55912	0.49	cps
Iron	54-2	122627	121666	122365	122219	0.41	cps
Krypton	83-1	200	263	220	228	14.21	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:02:58	DataFile Name :	046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20312	20916	20763	20664	1.52	cps
Lead	207-1	18116	18249	18169	18178	0.37	cps
Lead	208-1	81348	82959	83220	82509	1.23	cps
Lithium	6-1	1636221	1636446	1622100	1631589	0.50	cps
Magnesium	24-2	483412	482360	481366	482379	0.21	cps
Manganese	55-2	9637	9066	9633	9445	3.48	cps
Molybdenum	94-1	55106	56057	55990	55718	0.95	cps
Molybdenum	95-1	66671	68522	68375	67856	1.52	cps
Molybdenum	96-1	74746	76003	76532	75760	1.21	cps
Molybdenum	97-1	42258	42588	42455	42434	0.39	cps
Molybdenum	98-1	108372	108049	109956	108792	0.94	cps
Neodymium	150-1	17	7	7	10	57.72	cps
Neodymium	150-2	0	7	13	7	99.98	cps
Nickel	60-2	5261	5351	5171	5261	1.71	cps
Phosphorus	31-2	837	1003	883	908	9.47	cps
Potassium	39-2	723471	722354	728376	724734	0.44	cps
Rhodium	103-1	12181177	12192862	12147649	12173896	0.19	cps
Rhodium	103-2	7585072	7414271	7515401	7504915	1.14	cps
Scandium	45-1	7088674	7104888	7201528	7131696	0.86	cps
Scandium	45-2	637432	632344	639486	636421	0.58	cps
Selenium	82-1	2426	2422	2385	2411	0.93	cps
Selenium	77-2	227	207	217	217	4.62	cps
Selenium	78-2	1317	1363	1330	1337	1.80	cps
Silicon	28-1	852714	853899	854211	853608	0.09	cps
Silver	107-1	34782	35468	35931	35394	1.63	cps
Silver	109-1	33278	33345	34267	33630	1.64	cps
Sodium	23-2	797415	797397	794957	796590	0.18	cps
Strontium	86-1	8803	9090	9150	9014	2.06	cps
Strontium	88-1	74581	75934	75402	75306	0.91	cps
Sulfur	34-1	219213	213324	216846	216461	1.37	cps
Terbium	159-1	15774783	15759874	15907104	15813920	0.51	cps
Terbium	159-2	11401413	11269110	11215915	11295479	0.85	cps
Thallium	203-1	25026	25243	25497	25256	0.93	cps
Thallium	205-1	58823	60300	60909	60010	1.79	cps
Tin	118-1	114839	114329	115716	114962	0.61	cps
Titanium	47-1	4247	4117	4251	4205	1.81	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:02:58	DataFile Name :	046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	71039	72880	72727	72215	1.42	cps
Vanadium	51-2	50330	50257	50752	50446	0.53	cps
Yttrium	89-1	15327059	15097885	15306013	15243652	0.83	cps
Yttrium	89-2	4231934	4228070	4242856	4234287	0.18	cps
Zinc	66-2	11628	11785	11434	11616	1.51	cps
Zirconium	90-1	46801	47694	46373	46956	1.44	cps
Zirconium	91-1	10107	10264	10474	10281	1.79	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:06:18	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6388	6398	6448	6411	0.50	cps
Antimony	121-1	27453	27383	27500	27445	0.21	cps
Arsenic	75-2	780	807	793	793	1.68	cps
Barium	135-1	33219	33035	33566	33273	0.81	cps
Barium	137-1	57653	58497	57603	57917	0.87	cps
Beryllium	9-1	1463	1620	1540	1541	5.08	cps
Bismuth	209-1	9423569	9568463	9612230	9534754	1.04	cps
Bismuth	209-2	8368838	8357496	8260886	8329073	0.71	cps
Bromine	81-1	14601	14991	15235	14942	2.14	cps
Bromine	81-2	187	197	193	192	2.65	cps
Cadmium	108-1	243	263	250	252	4.04	cps
Cadmium	106-1	3854	3871	3807	3844	0.85	cps
Cadmium	111-1	6197	6161	6196	6185	0.33	cps
Calcium	43-1	19226	19039	19112	19125	0.49	cps
Calcium	44-1	313334	316697	317842	315958	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12699	12715	11965	12460	3.44	cps
Cobalt	59-2	9607	9336	9423	9455	1.46	cps
Copper	63-2	18078	17671	17804	17851	1.16	cps
Dysprosium	156-1	17	27	10	18	47.19	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	67	53	63	61	11.36	cps
Erbium	164-2	47	53	57	52	9.75	cps
Gadolinium	160-1	50	60	57	56	9.17	cps
Gadolinium	160-2	623	677	637	646	4.30	cps
Holmium	165-1	15343847	15600606	15464611	15469688	0.83	cps
Holmium	165-2	11650524	11556849	11437057	11548143	0.93	cps
Indium	115-1	12778541	12867090	12997669	12881100	0.86	cps
Indium	115-2	5001589	4908117	4900822	4936842	1.14	cps
Iron	56-2	1111829	1112221	1105004	1109685	0.37	cps
Iron	57-2	29115	28828	28494	28812	1.08	cps
Iron	54-2	63179	63051	63292	63174	0.19	cps
Krypton	83-1	250	317	270	279	12.27	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:06:18	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11235	11255	11098	11196	0.76	cps
Lead	207-1	9870	9563	9747	9727	1.59	cps
Lead	208-1	44502	44519	44579	44533	0.09	cps
Lithium	6-1	1635610	1651392	1620257	1635753	0.95	cps
Magnesium	24-2	243528	242031	245407	243655	0.69	cps
Manganese	55-2	4757	4964	4961	4894	2.42	cps
Molybdenum	94-1	27436	28294	28748	28159	2.37	cps
Molybdenum	95-1	34504	34137	33435	34025	1.60	cps
Molybdenum	96-1	38618	38841	39102	38854	0.62	cps
Molybdenum	97-1	21439	21783	21102	21441	1.59	cps
Molybdenum	98-1	54745	55950	56057	55584	1.31	cps
Neodymium	150-1	17	7	13	12	41.65	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	3167	2827	3147	3047	6.26	cps
Phosphorus	31-2	527	547	610	561	7.75	cps
Potassium	39-2	395641	394927	394191	394920	0.18	cps
Rhodium	103-1	12094365	12138964	12229883	12154404	0.57	cps
Rhodium	103-2	7643602	7475188	7523647	7547479	1.15	cps
Scandium	45-1	6998325	7228197	7197156	7141226	1.75	cps
Scandium	45-2	633216	640483	636890	636863	0.57	cps
Selenium	82-1	1285	1267	1251	1268	1.33	cps
Selenium	77-2	130	107	143	127	14.65	cps
Selenium	78-2	977	893	937	936	4.46	cps
Silicon	28-1	800762	794802	795105	796890	0.42	cps
Silver	107-1	18199	18003	18658	18287	1.84	cps
Silver	109-1	17000	16927	16947	16958	0.22	cps
Sodium	23-2	413664	411935	411399	412333	0.29	cps
Strontium	86-1	4858	4851	4981	4896	1.50	cps
Strontium	88-1	38447	39286	38544	38759	1.18	cps
Sulfur	34-1	210590	212591	215129	212770	1.07	cps
Terbium	159-1	15634556	15859599	15894204	15796120	0.89	cps
Terbium	159-2	11347034	11362300	11304956	11338097	0.26	cps
Thallium	203-1	12806	13233	12993	13011	1.65	cps
Thallium	205-1	30771	31256	31496	31175	1.18	cps
Tin	118-1	59817	59469	59997	59761	0.45	cps
Titanium	47-1	2234	2240	2117	2197	3.16	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:06:18	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36450	36089	36239	36259	0.50	cps
Vanadium	51-2	25291	25638	25291	25407	0.79	cps
Yttrium	89-1	15152481	15435728	15278006	15288738	0.93	cps
Yttrium	89-2	4286383	4233173	4187755	4235770	1.17	cps
Zinc	66-2	5948	5978	6355	6094	3.72	cps
Zirconium	90-1	23849	23629	24080	23853	0.94	cps
Zirconium	91-1	5194	5318	5411	5308	2.05	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:09:36	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	870	940	880	897	4.22	cps
Antimony	121-1	343	307	360	337	8.11	cps
Arsenic	75-2	17	37	37	30	38.49	cps
Barium	135-1	380	393	430	401	6.45	cps
Barium	137-1	590	653	677	640	7.01	cps
Beryllium	9-1	80	87	93	87	7.69	cps
Bismuth	209-1	9498555	9485985	9505922	9496821	0.11	cps
Bismuth	209-2	8322115	8335476	8242988	8300193	0.60	cps
Bromine	81-1	15171	15381	16052	15535	2.96	cps
Bromine	81-2	240	267	267	258	5.97	cps
Cadmium	108-1	20	30	13	21	39.75	cps
Cadmium	106-1	3664	3524	3681	3623	2.38	cps
Cadmium	111-1	2672	2511	2672	2618	3.56	cps
Calcium	43-1	673	577	623	624	7.74	cps
Calcium	44-1	15642	15411	15698	15584	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1243	1253	1143	1213	5.01	cps
Cobalt	59-2	317	347	333	332	4.52	cps
Copper	63-2	2350	2277	2437	2355	3.40	cps
Dysprosium	156-1	7	20	17	14	48.02	cps
Dysprosium	156-2	0	17	3	7	132.33	cps
Erbium	164-1	70	70	57	66	11.74	cps
Erbium	164-2	33	33	40	36	10.83	cps
Gadolinium	160-1	80	57	53	63	22.94	cps
Gadolinium	160-2	613	717	763	698	11.00	cps
Holmium	165-1	15370782	15471569	15401703	15414684	0.33	cps
Holmium	165-2	11399712	11571450	11609443	11526868	0.97	cps
Indium	115-1	12943033	13023031	13228306	13064790	1.13	cps
Indium	115-2	4867152	4903084	4877786	4882674	0.38	cps
Iron	56-2	46806	47150	46622	46859	0.57	cps
Iron	57-2	1803	1850	1810	1821	1.39	cps
Iron	54-2	4114	4231	4281	4208	2.03	cps
Krypton	83-1	280	243	253	259	7.32	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:09:36	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1763	1830	1923	1839	4.37	cps
Lead	207-1	1700	1623	1590	1638	3.44	cps
Lead	208-1	7478	7351	7468	7432	0.95	cps
Lithium	6-1	1645949	1642242	1641031	1643074	0.16	cps
Magnesium	24-2	6805	6355	6315	6491	4.19	cps
Manganese	55-2	1183	1197	1300	1227	5.21	cps
Molybdenum	94-1	1277	1293	1407	1326	5.34	cps
Molybdenum	95-1	1620	1563	1523	1569	3.10	cps
Molybdenum	96-1	1723	1920	1943	1862	6.49	cps
Molybdenum	97-1	1057	947	1037	1013	5.78	cps
Molybdenum	98-1	2320	2404	2554	2426	4.88	cps
Neodymium	150-1	13	3	3	7	86.65	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	520	493	490	501	3.28	cps
Phosphorus	31-2	163	167	143	158	8.00	cps
Potassium	39-2	63264	63364	63612	63413	0.28	cps
Rhodium	103-1	12236181	12140385	12205723	12194096	0.40	cps
Rhodium	103-2	7614004	7579457	7398428	7530630	1.54	cps
Scandium	45-1	7045258	7072095	7143917	7087090	0.72	cps
Scandium	45-2	635557	631599	634641	633932	0.33	cps
Selenium	82-1	183	210	215	203	8.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	537	533	530	533	0.62	cps
Silicon	28-1	734455	730934	728513	731301	0.41	cps
Silver	107-1	553	683	613	616	10.57	cps
Silver	109-1	500	580	543	541	7.40	cps
Sodium	23-2	32017	31813	32428	32086	0.98	cps
Strontium	86-1	477	477	513	489	4.33	cps
Strontium	88-1	987	953	997	979	2.32	cps
Sulfur	34-1	213618	213311	215903	214277	0.66	cps
Terbium	159-1	15733474	15835827	15899650	15822983	0.53	cps
Terbium	159-2	11521191	11363183	11336764	11407046	0.87	cps
Thallium	203-1	657	773	623	684	11.51	cps
Thallium	205-1	1590	1697	1567	1618	4.28	cps
Tin	118-1	2270	2330	2254	2285	1.77	cps
Titanium	47-1	503	450	487	480	5.68	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:09:36	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	763	777	777	772	1.00	cps
Vanadium	51-2	123	93	157	124	25.46	cps
Yttrium	89-1	15297128	15315109	15460963	15357734	0.59	cps
Yttrium	89-2	4285144	4196542	4217474	4233053	1.09	cps
Zinc	66-2	547	500	513	520	4.62	cps
Zirconium	90-1	1187	1183	1247	1206	2.96	cps
Zirconium	91-1	273	213	290	259	15.58	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:12:51	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13279	13232	12742	13085	2.27	cps
Antimony	121-1	55831	55761	55466	55686	0.35	cps
Arsenic	75-2	1683	1497	1663	1615	6.35	cps
Barium	135-1	68078	67723	68798	68200	0.80	cps
Barium	137-1	117729	118035	118068	117944	0.16	cps
Beryllium	9-1	3104	3037	2797	2979	5.41	cps
Bismuth	209-1	9596871	9602386	9739225	9646161	0.84	cps
Bismuth	209-2	8573337	8313499	8312333	8399723	1.79	cps
Bromine	81-1	15765	15672	16399	15945	2.48	cps
Bromine	81-2	193	170	160	174	9.81	cps
Cadmium	108-1	563	583	560	569	2.22	cps
Cadmium	106-1	4404	4614	4414	4477	2.65	cps
Cadmium	111-1	10164	10228	10153	10182	0.40	cps
Calcium	43-1	37784	39281	38763	38609	1.97	cps
Calcium	44-1	637589	634964	635589	636047	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24056	23762	24046	23955	0.70	cps
Cobalt	59-2	18735	18688	18425	18616	0.90	cps
Copper	63-2	31637	31493	31667	31599	0.29	cps
Dysprosium	156-1	27	20	13	20	33.35	cps
Dysprosium	156-2	20	10	0	10	100.00	cps
Erbium	164-1	43	77	77	66	29.36	cps
Erbium	164-2	43	30	43	39	19.79	cps
Gadolinium	160-1	57	43	43	48	16.12	cps
Gadolinium	160-2	617	723	620	653	9.28	cps
Holmium	165-1	15791332	15756007	15951536	15832959	0.66	cps
Holmium	165-2	11822358	11699687	11720886	11747644	0.56	cps
Indium	115-1	13186791	13366976	13306880	13286882	0.69	cps
Indium	115-2	5003305	5030777	4964228	4999437	0.67	cps
Iron	56-2	2237277	2238396	2219136	2231603	0.48	cps
Iron	57-2	56666	57382	57262	57104	0.67	cps
Iron	54-2	125968	124680	123917	124855	0.83	cps
Krypton	83-1	250	290	277	272	7.48	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:12:51	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21063	21564	21410	21346	1.20	cps
Lead	207-1	18409	18867	18913	18730	1.49	cps
Lead	208-1	84202	84739	85542	84828	0.79	cps
Lithium	6-1	1634324	1698994	1697440	1676920	2.20	cps
Magnesium	24-2	497006	490091	489345	492147	0.86	cps
Manganese	55-2	9790	9623	9990	9801	1.87	cps
Molybdenum	94-1	57639	57917	57746	57768	0.24	cps
Molybdenum	95-1	70000	69876	69444	69773	0.42	cps
Molybdenum	96-1	77108	78093	77775	77659	0.65	cps
Molybdenum	97-1	43538	43558	43765	43620	0.29	cps
Molybdenum	98-1	111370	114551	113859	113260	1.48	cps
Neodymium	150-1	7	10	13	10	33.30	cps
Neodymium	150-2	23	10	10	14	53.28	cps
Nickel	60-2	5391	5441	5551	5461	1.50	cps
Phosphorus	31-2	903	860	823	862	4.64	cps
Potassium	39-2	738484	740108	731070	736554	0.65	cps
Rhodium	103-1	12440843	12620136	12633312	12564764	0.86	cps
Rhodium	103-2	7688026	7666147	7663954	7672709	0.17	cps
Scandium	45-1	7227762	7314019	7326154	7289312	0.74	cps
Scandium	45-2	650665	645789	645718	647390	0.44	cps
Selenium	82-1	2630	2484	2459	2525	3.66	cps
Selenium	77-2	270	190	277	246	19.64	cps
Selenium	78-2	1283	1303	1293	1293	0.77	cps
Silicon	28-1	854696	861285	860735	858905	0.43	cps
Silver	107-1	36380	36702	36780	36621	0.58	cps
Silver	109-1	34775	35707	34448	34977	1.87	cps
Sodium	23-2	814851	810089	807245	810728	0.47	cps
Strontium	86-1	9416	9323	9320	9353	0.59	cps
Strontium	88-1	78565	79138	78699	78800	0.38	cps
Sulfur	34-1	219632	220406	222583	220874	0.69	cps
Terbium	159-1	16170996	16239307	16113783	16174695	0.39	cps
Terbium	159-2	11675238	11485534	11483919	11548230	0.95	cps
Thallium	203-1	26322	25898	25951	26057	0.89	cps
Thallium	205-1	62054	62442	62017	62171	0.38	cps
Tin	118-1	119753	118357	118771	118960	0.60	cps
Titanium	47-1	4317	4527	4204	4350	3.77	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:12:51	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73240	73793	73552	73528	0.38	cps
Vanadium	51-2	51467	51494	51364	51442	0.13	cps
Yttrium	89-1	15568638	15753209	15683926	15668591	0.60	cps
Yttrium	89-2	4276406	4316965	4309173	4300848	0.50	cps
Zinc	66-2	11768	12082	11898	11916	1.32	cps
Zirconium	90-1	48710	47874	48623	48403	0.95	cps
Zirconium	91-1	10681	10877	10747	10768	0.93	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:16:07	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6348	6495	6588	6477	1.87	cps
Antimony	121-1	27757	28335	28291	28128	1.14	cps
Arsenic	75-2	887	713	777	792	11.07	cps
Barium	135-1	33656	34278	33884	33939	0.93	cps
Barium	137-1	58265	58714	59059	58679	0.68	cps
Beryllium	9-1	1803	1637	1600	1680	6.45	cps
Bismuth	209-1	9586340	9565237	9547630	9566402	0.20	cps
Bismuth	209-2	8436935	8402637	8392085	8410552	0.28	cps
Bromine	81-1	15822	15865	16282	15990	1.59	cps
Bromine	81-2	203	157	197	186	13.60	cps
Cadmium	108-1	290	310	280	293	5.21	cps
Cadmium	106-1	4234	4401	4157	4264	2.92	cps
Cadmium	111-1	6592	6599	6659	6617	0.56	cps
Calcium	43-1	19800	19800	19563	19721	0.69	cps
Calcium	44-1	322270	326320	323748	324113	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12449	12232	12188	12290	1.13	cps
Cobalt	59-2	9506	9140	9436	9361	2.08	cps
Copper	63-2	18558	17744	17731	18011	2.63	cps
Dysprosium	156-1	7	17	10	11	45.82	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	47	67	47	53	21.65	cps
Erbium	164-2	30	30	50	37	31.49	cps
Gadolinium	160-1	30	43	37	37	18.18	cps
Gadolinium	160-2	660	683	600	648	6.64	cps
Holmium	165-1	15522696	15452449	15903346	15626163	1.55	cps
Holmium	165-2	11533686	11621491	11680491	11611889	0.64	cps
Indium	115-1	13211511	13390460	13281760	13294577	0.68	cps
Indium	115-2	4974208	4942739	5003216	4973388	0.61	cps
Iron	56-2	1125992	1131617	1128245	1128618	0.25	cps
Iron	57-2	28935	29259	28697	28964	0.97	cps
Iron	54-2	63952	63955	64323	64077	0.33	cps
Krypton	83-1	270	287	203	253	17.41	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:16:07	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11395	11185	11702	11427	2.28	cps
Lead	207-1	9777	10060	9837	9891	1.51	cps
Lead	208-1	44983	45173	45250	45135	0.30	cps
Lithium	6-1	1693894	1692608	1715804	1700769	0.77	cps
Magnesium	24-2	248787	247432	247503	247908	0.31	cps
Manganese	55-2	5188	5141	4988	5105	2.05	cps
Molybdenum	94-1	29009	29346	28511	28955	1.45	cps
Molybdenum	95-1	34397	35840	35282	35173	2.07	cps
Molybdenum	96-1	38862	39246	39039	39049	0.49	cps
Molybdenum	97-1	21993	21997	21706	21899	0.76	cps
Molybdenum	98-1	55411	57208	56947	56522	1.72	cps
Neodymium	150-1	20	10	10	13	43.30	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	3030	3024	3014	3023	0.28	cps
Phosphorus	31-2	540	507	540	529	3.64	cps
Potassium	39-2	402536	399789	399357	400561	0.43	cps
Rhodium	103-1	12332346	12366610	12542095	12413684	0.91	cps
Rhodium	103-2	7607880	7602669	7557754	7589435	0.36	cps
Scandium	45-1	7240207	7288822	7369752	7299594	0.90	cps
Scandium	45-2	646011	641326	646855	644731	0.46	cps
Selenium	82-1	1342	1315	1407	1355	3.48	cps
Selenium	77-2	133	127	120	127	5.27	cps
Selenium	78-2	963	893	840	899	6.88	cps
Silicon	28-1	790063	790706	791394	790721	0.08	cps
Silver	107-1	18552	18384	18639	18525	0.70	cps
Silver	109-1	17384	17671	17811	17622	1.24	cps
Sodium	23-2	417900	418063	417597	417853	0.06	cps
Strontium	86-1	4998	4934	5078	5003	1.44	cps
Strontium	88-1	39159	39439	39877	39492	0.92	cps
Sulfur	34-1	221025	222496	225207	222910	0.95	cps
Terbium	159-1	15970927	16026507	16270008	16089147	0.99	cps
Terbium	159-2	11490510	11593070	11553807	11545796	0.45	cps
Thallium	203-1	12823	12966	13016	12935	0.78	cps
Thallium	205-1	31189	32596	31957	31914	2.21	cps
Tin	118-1	61156	61206	60935	61099	0.24	cps
Titanium	47-1	2167	2324	2147	2212	4.37	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:16:07	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37095	37459	37195	37250	0.51	cps
Vanadium	51-2	25859	25642	26139	25880	0.96	cps
Yttrium	89-1	15431930	15545424	15727061	15568138	0.96	cps
Yttrium	89-2	4252637	4281247	4204106	4245997	0.92	cps
Zinc	66-2	6258	6225	6321	6268	0.78	cps
Zirconium	90-1	24591	24788	24390	24590	0.81	cps
Zirconium	91-1	5141	5454	5314	5303	2.96	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:19:22	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	883	760	798	9.31	cps
Antimony	121-1	343	397	360	367	7.44	cps
Arsenic	75-2	7	17	23	16	53.90	cps
Barium	135-1	467	390	413	423	9.28	cps
Barium	137-1	660	573	637	623	7.19	cps
Beryllium	9-1	97	93	120	103	14.06	cps
Bismuth	209-1	9176510	9392227	9474746	9347828	1.65	cps
Bismuth	209-2	8227837	8263758	8134224	8208606	0.81	cps
Bromine	81-1	16286	17057	16466	16603	2.43	cps
Bromine	81-2	333	293	273	300	10.18	cps
Cadmium	108-1	10	13	10	11	17.30	cps
Cadmium	106-1	3751	3911	3774	3812	2.27	cps
Cadmium	111-1	2720	2800	2733	2751	1.56	cps
Calcium	43-1	640	603	650	631	3.89	cps
Calcium	44-1	15541	15338	15224	15368	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1323	1253	1120	1232	8.38	cps
Cobalt	59-2	333	297	397	342	14.78	cps
Copper	63-2	2464	2230	2464	2386	5.65	cps
Dysprosium	156-1	7	20	7	11	69.25	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	90	67	67	74	18.09	cps
Erbium	164-2	40	47	43	43	7.70	cps
Gadolinium	160-1	90	47	57	64	35.20	cps
Gadolinium	160-2	567	580	657	601	8.08	cps
Holmium	165-1	15165684	15425150	15389198	15326677	0.92	cps
Holmium	165-2	11487211	11341265	11493216	11440564	0.75	cps
Indium	115-1	12734339	13149785	13257203	13047109	2.12	cps
Indium	115-2	4932845	4911802	4964463	4936370	0.54	cps
Iron	56-2	46893	47659	47789	47447	1.02	cps
Iron	57-2	1703	1770	1697	1723	2.35	cps
Iron	54-2	3921	4094	4321	4112	4.88	cps
Krypton	83-1	227	250	297	258	13.83	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:19:22	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1763	1937	1930	1877	5.23	cps
Lead	207-1	1597	1480	1550	1542	3.81	cps
Lead	208-1	7371	7364	7508	7414	1.09	cps
Lithium	6-1	1660220	1665866	1697644	1674577	1.20	cps
Magnesium	24-2	6501	6228	6231	6320	2.48	cps
Manganese	55-2	1210	1300	1240	1250	3.67	cps
Molybdenum	94-1	1363	1340	1387	1363	1.71	cps
Molybdenum	95-1	1657	1643	1637	1646	0.62	cps
Molybdenum	96-1	1800	1870	1970	1880	4.55	cps
Molybdenum	97-1	953	1023	1007	994	3.68	cps
Molybdenum	98-1	2417	2470	2370	2419	2.07	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	417	507	397	440	13.32	cps
Phosphorus	31-2	200	187	203	197	4.48	cps
Potassium	39-2	64918	64392	64583	64631	0.41	cps
Rhodium	103-1	11904510	12246076	12365400	12171995	1.97	cps
Rhodium	103-2	7566808	7520401	7507611	7531606	0.41	cps
Scandium	45-1	7081008	7119280	7242099	7147462	1.18	cps
Scandium	45-2	630315	630277	632448	631013	0.20	cps
Selenium	82-1	169	209	110	163	30.85	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	580	453	500	511	12.53	cps
Silicon	28-1	725723	726287	731013	727674	0.40	cps
Silver	107-1	653	673	633	653	3.07	cps
Silver	109-1	640	507	483	543	15.56	cps
Sodium	23-2	32260	32361	32297	32306	0.16	cps
Strontium	86-1	440	513	467	473	7.84	cps
Strontium	88-1	947	1010	1020	992	4.01	cps
Sulfur	34-1	225005	227034	224579	225539	0.58	cps
Terbium	159-1	15436459	15708876	15875747	15673694	1.41	cps
Terbium	159-2	11280771	11250427	11121129	11217442	0.76	cps
Thallium	203-1	820	677	797	764	10.06	cps
Thallium	205-1	1717	1760	1747	1741	1.27	cps
Tin	118-1	2084	2214	2097	2131	3.36	cps
Titanium	47-1	417	433	453	434	4.23	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:19:22	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	757	827	810	798	4.58	cps
Vanadium	51-2	170	110	113	131	25.72	cps
Yttrium	89-1	15076578	15386806	15371189	15278191	1.14	cps
Yttrium	89-2	4170084	4211556	4215371	4199004	0.60	cps
Zinc	66-2	547	623	573	581	6.70	cps
Zirconium	90-1	1363	1277	1213	1285	5.86	cps
Zirconium	91-1	203	270	247	240	14.10	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:22:40	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13212	13129	13246	13196	0.46	cps
Antimony	121-1	55440	56664	56474	56193	1.17	cps
Arsenic	75-2	1513	1510	1583	1536	2.70	cps
Barium	135-1	67194	68336	67891	67807	0.85	cps
Barium	137-1	115981	118781	118340	117701	1.28	cps
Beryllium	9-1	2904	3027	3270	3067	6.08	cps
Bismuth	209-1	9992944	9557016	9477098	9675686	2.87	cps
Bismuth	209-2	8500848	8417476	8252145	8390156	1.51	cps
Bromine	81-1	15738	15512	16302	15851	2.57	cps
Bromine	81-2	187	223	207	206	8.93	cps
Cadmium	108-1	523	600	587	570	7.19	cps
Cadmium	106-1	4687	4811	4297	4599	5.83	cps
Cadmium	111-1	10264	10618	10349	10410	1.78	cps
Calcium	43-1	38829	39267	39415	39170	0.78	cps
Calcium	44-1	631202	640374	637154	636244	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23191	24066	24199	23819	2.30	cps
Cobalt	59-2	18872	18809	18819	18833	0.18	cps
Copper	63-2	31984	31827	32048	31953	0.36	cps
Dysprosium	156-1	17	23	10	17	39.99	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	80	67	53	67	20.00	cps
Erbium	164-2	40	33	53	42	24.12	cps
Gadolinium	160-1	57	37	40	44	24.11	cps
Gadolinium	160-2	657	683	717	686	4.38	cps
Holmium	165-1	16489895	15811920	15550776	15950863	3.04	cps
Holmium	165-2	11894282	11382384	11469178	11581948	2.37	cps
Indium	115-1	13975057	13298156	13124341	13465851	3.34	cps
Indium	115-2	5027870	4937039	4877784	4947564	1.53	cps
Iron	56-2	2246646	2236203	2200000	2227616	1.10	cps
Iron	57-2	57459	57389	56272	57040	1.17	cps
Iron	54-2	125359	124886	126617	125621	0.71	cps
Krypton	83-1	210	240	310	253	20.26	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:22:40	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21374	20459	21357	21063	2.48	cps
Lead	207-1	18035	18569	18406	18337	1.49	cps
Lead	208-1	84116	84103	83834	84017	0.19	cps
Lithium	6-1	1776049	1682730	1662459	1707079	3.55	cps
Magnesium	24-2	495672	498281	495654	496536	0.30	cps
Manganese	55-2	9773	9790	9713	9759	0.41	cps
Molybdenum	94-1	57275	57787	57171	57411	0.57	cps
Molybdenum	95-1	68556	71678	70311	70181	2.23	cps
Molybdenum	96-1	77889	78690	78214	78264	0.51	cps
Molybdenum	97-1	44123	43618	43986	43909	0.59	cps
Molybdenum	98-1	111958	113151	111834	112314	0.65	cps
Neodymium	150-1	7	10	17	11	45.82	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	5434	5241	5374	5350	1.85	cps
Phosphorus	31-2	873	763	1007	881	13.83	cps
Potassium	39-2	737722	743153	743765	741547	0.45	cps
Rhodium	103-1	13202788	12533464	12403929	12713394	3.37	cps
Rhodium	103-2	7755679	7616021	7563579	7645093	1.30	cps
Scandium	45-1	7817037	7229150	7326281	7457489	4.23	cps
Scandium	45-2	660226	643011	642303	648514	1.57	cps
Selenium	82-1	2475	2442	2337	2418	2.98	cps
Selenium	77-2	217	303	233	251	18.31	cps
Selenium	78-2	1453	1347	1380	1393	3.92	cps
Silicon	28-1	863025	873115	874554	870231	0.72	cps
Silver	107-1	36090	37865	37047	37001	2.40	cps
Silver	109-1	34635	34254	34852	34580	0.88	cps
Sodium	23-2	815064	816395	815297	815585	0.09	cps
Strontium	86-1	9500	9633	9493	9542	0.83	cps
Strontium	88-1	77054	78367	79295	78239	1.44	cps
Sulfur	34-1	226538	226694	223107	225446	0.90	cps
Terbium	159-1	17004432	16106422	16084434	16398430	3.20	cps
Terbium	159-2	11569805	11375519	11413355	11452893	0.90	cps
Thallium	203-1	25100	26523	26225	25949	2.89	cps
Thallium	205-1	60366	60979	60695	60680	0.51	cps
Tin	118-1	118889	117850	118596	118445	0.45	cps
Titanium	47-1	4344	4291	4517	4384	2.70	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:22:40	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	72064	74293	73009	73122	1.53	cps
Vanadium	51-2	51845	51364	51514	51574	0.48	cps
Yttrium	89-1	16498015	15760529	15616501	15958348	2.96	cps
Yttrium	89-2	4373664	4217914	4261571	4284383	1.88	cps
Zinc	66-2	12302	11945	12195	12147	1.51	cps
Zirconium	90-1	47527	48416	48031	47991	0.93	cps
Zirconium	91-1	10597	10844	10881	10774	1.43	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:25:55	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8959	8673	8626	8753	2.06	cps
Antimony	121-1	29273	28729	28335	28779	1.64	cps
Arsenic	75-2	863	800	953	872	8.83	cps
Barium	135-1	34438	34929	34943	34770	0.83	cps
Barium	137-1	59447	60361	60625	60144	1.03	cps
Beryllium	9-1	1477	1650	1680	1602	6.85	cps
Bismuth	209-1	9938271	9573770	9436598	9649546	2.69	cps
Bismuth	209-2	8282822	8262322	8311751	8285632	0.30	cps
Bromine	81-1	15712	15688	15448	15616	0.93	cps
Bromine	81-2	167	183	200	183	9.09	cps
Cadmium	108-1	283	253	247	261	7.48	cps
Cadmium	106-1	4307	4191	4091	4196	2.58	cps
Cadmium	111-1	6618	6515	6485	6539	1.07	cps
Calcium	43-1	19943	20093	19793	19943	0.75	cps
Calcium	44-1	328605	335133	331759	331832	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12779	12472	12635	12629	1.22	cps
Cobalt	59-2	9857	9733	9810	9800	0.64	cps
Copper	63-2	18368	18428	18622	18473	0.72	cps
Dysprosium	156-1	17	20	10	16	32.73	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	90	90	100	93	6.19	cps
Erbium	164-2	57	60	17	44	54.25	cps
Gadolinium	160-1	70	67	47	61	20.65	cps
Gadolinium	160-2	647	717	583	649	10.28	cps
Holmium	165-1	16194647	15848711	15509275	15850878	2.16	cps
Holmium	165-2	11549452	11546516	11622635	11572868	0.37	cps
Indium	115-1	13751953	13300651	13399072	13483892	1.76	cps
Indium	115-2	5005768	4977723	5017312	5000267	0.41	cps
Iron	56-2	1156209	1153063	1154914	1154728	0.14	cps
Iron	57-2	29920	29325	30047	29764	1.29	cps
Iron	54-2	65559	65846	65277	65561	0.43	cps
Krypton	83-1	273	297	203	258	18.84	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:25:55	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11482	11315	11341	11379	0.79	cps
Lead	207-1	10247	9754	9807	9936	2.73	cps
Lead	208-1	45723	44936	45530	45397	0.90	cps
Lithium	6-1	1749843	1686812	1666788	1701147	2.55	cps
Magnesium	24-2	253945	252618	254390	253651	0.36	cps
Manganese	55-2	5311	5214	4994	5173	3.14	cps
Molybdenum	94-1	29490	29617	29944	29683	0.79	cps
Molybdenum	95-1	35760	35764	35851	35792	0.14	cps
Molybdenum	96-1	39804	40366	39924	40031	0.74	cps
Molybdenum	97-1	22711	22598	22270	22526	1.02	cps
Molybdenum	98-1	58075	58510	58915	58500	0.72	cps
Neodymium	150-1	17	20	10	16	32.73	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	3137	3240	3004	3127	3.80	cps
Phosphorus	31-2	580	640	583	601	5.61	cps
Potassium	39-2	412880	412016	411426	412107	0.18	cps
Rhodium	103-1	12813903	12488197	12337854	12546651	1.94	cps
Rhodium	103-2	7627250	7541420	7615565	7594745	0.61	cps
Scandium	45-1	7531810	7442163	7250465	7408146	1.94	cps
Scandium	45-2	645692	647148	643776	645539	0.26	cps
Selenium	82-1	1339	1304	1435	1359	5.00	cps
Selenium	77-2	127	117	117	120	4.81	cps
Selenium	78-2	993	923	1080	999	7.86	cps
Silicon	28-1	815352	815005	816421	815593	0.09	cps
Silver	107-1	18441	18801	19452	18898	2.71	cps
Silver	109-1	17230	18011	17841	17694	2.32	cps
Sodium	23-2	430753	428997	427891	429214	0.34	cps
Strontium	86-1	4974	5004	4888	4955	1.22	cps
Strontium	88-1	40329	41211	40522	40687	1.14	cps
Sulfur	34-1	218756	221278	220047	220027	0.57	cps
Terbium	159-1	16555099	16181361	16209526	16315329	1.28	cps
Terbium	159-2	11448919	11365212	11332633	11382254	0.53	cps
Thallium	203-1	13337	13013	13574	13308	2.11	cps
Thallium	205-1	31991	32028	32409	32142	0.72	cps
Tin	118-1	61310	62170	62747	62076	1.17	cps
Titanium	47-1	2340	2180	2307	2276	3.71	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:25:55	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37055	37446	36935	37145	0.72	cps
Vanadium	51-2	26617	26116	26507	26413	1.00	cps
Yttrium	89-1	16112163	15762045	15497790	15790666	1.95	cps
Yttrium	89-2	4236841	4257936	4254626	4249801	0.27	cps
Zinc	66-2	6375	6381	6608	6455	2.06	cps
Zirconium	90-1	24848	25325	25546	25239	1.41	cps
Zirconium	91-1	5554	5658	5701	5638	1.34	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:29:12	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13117389	12960686	12951725	13009933	0.72	cps
Antimony	121-1	3554	3597	3767	3639	3.10	cps
Arsenic	75-2	54346	53412	53161	53640	1.16	cps
Barium	135-1	1086987	1084259	1074699	1081982	0.60	cps
Barium	137-1	1961403	1931641	1906776	1933274	1.41	cps
Beryllium	9-1	2210	2217	2184	2204	0.80	cps
Bismuth	209-1	9440823	9479554	9490376	9470251	0.28	cps
Bismuth	209-2	8406008	8359140	8304758	8356635	0.61	cps
Bromine	81-1	16332	15955	14837	15708	4.95	cps
Bromine	81-2	530	610	570	570	7.02	cps
Cadmium	108-1	367	340	390	366	6.84	cps
Cadmium	106-1	4864	4494	4267	4542	6.63	cps
Cadmium	111-1	5088	5113	4974	5059	1.47	cps
Calcium	43-1	1181537	1189355	1206481	1192458	1.07	cps
Calcium	44-1	19238998	18968271	18627991	18945087	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	319641	318184	318163	318663	0.27	cps
Cobalt	59-2	398330	396963	392977	396090	0.70	cps
Copper	63-2	652508	644718	644845	647357	0.69	cps
Dysprosium	156-1	129009	127579	127200	127929	0.75	cps
Dysprosium	156-2	108572	109898	110930	109800	1.08	cps
Erbium	164-1	109511	111319	111047	110626	0.88	cps
Erbium	164-2	82890	83839	81734	82821	1.27	cps
Gadolinium	160-1	125960	123011	125247	124739	1.23	cps
Gadolinium	160-2	96550	95449	95429	95809	0.67	cps
Holmium	165-1	16033165	15838817	15813101	15895028	0.76	cps
Holmium	165-2	11708304	11866336	11797175	11790605	0.67	cps
Indium	115-1	13125855	12881973	12942859	12983562	0.98	cps
Indium	115-2	4701525	4758167	4712758	4724150	0.63	cps
Iron	56-2	527125005	520158566	523797432	523693668	0.67	cps
Iron	57-2	12948658	12741649	12653202	12781170	1.19	cps
Iron	54-2	28481199	28237780	28323850	28347610	0.44	cps
Krypton	83-1	380	453	400	411	9.22	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:29:12	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	400811	397846	399375	399344	0.37	cps
Lead	207-1	339318	343402	342478	341733	0.63	cps
Lead	208-1	1554358	1562470	1553231	1556686	0.32	cps
Lithium	6-1	1663123	1652495	1634988	1650202	0.86	cps
Magnesium	24-2	9485254	9529446	9471902	9495534	0.32	cps
Manganese	55-2	8310994	8291988	8263418	8288800	0.29	cps
Molybdenum	94-1	75306	74713	76285	75434	1.05	cps
Molybdenum	95-1	6638	6498	6465	6534	1.41	cps
Molybdenum	96-1	24661	24701	24063	24475	1.46	cps
Molybdenum	97-1	4137	4104	4107	4116	0.45	cps
Molybdenum	98-1	10397	10150	10077	10208	1.64	cps
Neodymium	150-1	213349	213742	211173	212755	0.65	cps
Neodymium	150-2	133289	134964	132512	133589	0.94	cps
Nickel	60-2	115121	115168	113327	114539	0.92	cps
Phosphorus	31-2	44631	44468	45029	44709	0.65	cps
Potassium	39-2	3802550	3765177	3751073	3772933	0.71	cps
Rhodium	103-1	12192810	11938969	11665934	11932571	2.21	cps
Rhodium	103-2	7150289	7157360	7068775	7125475	0.69	cps
Scandium	45-1	7655848	7445736	7315364	7472316	2.30	cps
Scandium	45-2	631523	626176	625928	627876	0.50	cps
Selenium	82-1	531	527	450	503	9.15	cps
Selenium	77-2	347	323	350	340	4.27	cps
Selenium	78-2	813	743	800	786	4.73	cps
Silicon	28-1	44746361	40783587	40644873	42058274	5.54	cps
Silver	107-1	2898	3016	2753	2889	4.55	cps
Silver	109-1	2437	2380	2284	2367	3.28	cps
Sodium	23-2	153980	157816	148104	153300	3.19	cps
Strontium	86-1	298964	300906	294714	298194	1.06	cps
Strontium	88-1	2722264	2644730	2618745	2661913	2.02	cps
Sulfur	34-1	223112	209823	201226	211387	5.22	cps
Terbium	159-1	16464406	16190938	16185605	16280316	0.98	cps
Terbium	159-2	11451660	11558314	11614025	11541333	0.71	cps
Thallium	203-1	3741	3661	3611	3671	1.79	cps
Thallium	205-1	8716	9177	9257	9050	3.22	cps
Tin	118-1	15587	16562	19218	17122	10.97	cps
Titanium	47-1	938208	933163	909980	927117	1.62	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:29:12	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38078	37737	38248	38021	0.69	cps
Vanadium	51-2	885518	881595	873911	880341	0.67	cps
Yttrium	89-1	17224073	16812350	16561088	16865837	1.98	cps
Yttrium	89-2	4502547	4517626	4488397	4502857	0.32	cps
Zinc	66-2	231842	231598	232708	232049	0.25	cps
Zirconium	90-1	197181	195109	191690	194660	1.42	cps
Zirconium	91-1	44414	44591	43081	44029	1.88	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:32:19	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12817929	12827230	12736207	12793788	0.39	cps
Antimony	121-1	9957	10090	10090	10046	0.77	cps
Arsenic	75-2	53285	53075	53927	53429	0.83	cps
Barium	135-1	1051363	1066321	1063781	1060488	0.75	cps
Barium	137-1	1869824	1932858	1907613	1903431	1.67	cps
Beryllium	9-1	2860	2970	2854	2895	2.26	cps
Bismuth	209-1	10255488	9664864	9510251	9810201	4.01	cps
Bismuth	209-2	8338994	8509007	8334811	8394270	1.18	cps
Bromine	81-1	15315	15682	15408	15468	1.23	cps
Bromine	81-2	587	647	633	622	5.06	cps
Cadmium	108-1	427	393	453	424	7.08	cps
Cadmium	106-1	5078	4457	4657	4731	6.69	cps
Cadmium	111-1	7041	6595	6815	6817	3.27	cps
Calcium	43-1	1171757	1178689	1184626	1178357	0.55	cps
Calcium	44-1	18039920	18440230	18278336	18252829	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	314774	314266	313816	314285	0.15	cps
Cobalt	59-2	393430	395790	392815	394012	0.40	cps
Copper	63-2	659818	659072	658193	659028	0.12	cps
Dysprosium	156-1	122764	123938	125861	124187	1.26	cps
Dysprosium	156-2	109784	110070	109848	109901	0.14	cps
Erbium	164-1	108930	110005	108736	109224	0.63	cps
Erbium	164-2	82330	81945	82119	82132	0.24	cps
Gadolinium	160-1	119198	122916	122097	121404	1.61	cps
Gadolinium	160-2	94751	94197	95711	94886	0.81	cps
Holmium	165-1	16932576	16094605	15751528	16259569	3.74	cps
Holmium	165-2	11846777	11943713	11952844	11914445	0.49	cps
Indium	115-1	13617257	12738689	12598418	12984788	4.25	cps
Indium	115-2	4853578	4762021	4792520	4802707	0.97	cps
Iron	56-2	519573726	512714286	508717366	513668459	1.07	cps
Iron	57-2	12659796	12759636	12612491	12677308	0.59	cps
Iron	54-2	27947666	28014251	27672328	27878082	0.65	cps
Krypton	83-1	370	357	367	364	1.91	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:32:19	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	413128	424343	421910	419794	1.41	cps
Lead	207-1	355510	364648	358693	359617	1.29	cps
Lead	208-1	1623175	1656734	1648262	1642724	1.06	cps
Lithium	6-1	1716426	1631099	1616903	1654809	3.25	cps
Magnesium	24-2	9427215	9456183	9283812	9389070	0.98	cps
Manganese	55-2	8285937	8229105	8087119	8200720	1.25	cps
Molybdenum	94-1	91698	92919	91275	91964	0.93	cps
Molybdenum	95-1	40459	40098	40463	40340	0.52	cps
Molybdenum	96-1	59835	60698	60006	60180	0.76	cps
Molybdenum	97-1	25269	25809	25249	25442	1.25	cps
Molybdenum	98-1	64813	65506	65151	65157	0.53	cps
Neodymium	150-1	205171	210572	209419	208387	1.36	cps
Neodymium	150-2	132115	131567	131314	131666	0.31	cps
Nickel	60-2	112844	113851	112786	113160	0.53	cps
Phosphorus	31-2	44622	43906	44311	44279	0.81	cps
Potassium	39-2	3760305	3771440	3762613	3764786	0.16	cps
Rhodium	103-1	12482039	11686356	11549751	11906049	4.23	cps
Rhodium	103-2	7188186	7214153	7183239	7195193	0.23	cps
Scandium	45-1	7702599	7265320	7201122	7389680	3.69	cps
Scandium	45-2	630817	629780	621502	627366	0.81	cps
Selenium	82-1	647	665	579	630	7.15	cps
Selenium	77-2	417	347	350	371	10.64	cps
Selenium	78-2	737	740	680	719	4.69	cps
Silicon	28-1	38264824	38663839	38153744	38360802	0.70	cps
Silver	107-1	11426	11361	11379	11388	0.29	cps
Silver	109-1	10641	10547	10440	10543	0.95	cps
Sodium	23-2	332405	335615	330020	332680	0.84	cps
Strontium	86-1	289248	290537	288319	289368	0.38	cps
Strontium	88-1	2548223	2580179	2586084	2571496	0.79	cps
Sulfur	34-1	185926	181349	181855	183043	1.37	cps
Terbium	159-1	17294462	16335520	16134231	16588071	3.74	cps
Terbium	159-2	11538241	11606214	11602439	11582298	0.33	cps
Thallium	203-1	10024	10010	10381	10138	2.07	cps
Thallium	205-1	23838	24048	24305	24064	0.97	cps
Tin	118-1	11805	12573	14352	12910	10.12	cps
Titanium	47-1	876463	888429	882540	882478	0.68	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:32:19	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56004	56630	57273	56635	1.12	cps
Vanadium	51-2	869303	865942	863977	866408	0.31	cps
Yttrium	89-1	17503327	16660139	16435334	16866266	3.34	cps
Yttrium	89-2	4491918	4528043	4530913	4516958	0.48	cps
Zinc	66-2	236802	235690	235515	236002	0.30	cps
Zirconium	90-1	185523	188848	188936	187769	1.04	cps
Zirconium	91-1	42104	42665	41245	42004	1.70	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 18:35:28	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2656382	2634484	2652746	2647870	0.44	cps
Antimony	121-1	1997	1900	2084	1993	4.60	cps
Arsenic	75-2	11271	11318	11148	11245	0.78	cps
Barium	135-1	213324	214840	215656	214607	0.55	cps
Barium	137-1	371007	373905	378004	374305	0.94	cps
Beryllium	9-1	533	660	660	618	11.84	cps
Bismuth	209-1	9495371	9479907	9409188	9461489	0.49	cps
Bismuth	209-2	8431482	8272499	8428985	8377655	1.09	cps
Bromine	81-1	14727	14514	14818	14686	1.06	cps
Bromine	81-2	277	267	333	292	12.30	cps
Cadmium	108-1	103	80	107	97	15.03	cps
Cadmium	106-1	3717	3664	3664	3682	0.84	cps
Cadmium	111-1	3312	3288	3269	3290	0.65	cps
Calcium	43-1	237926	241498	243330	240918	1.14	cps
Calcium	44-1	3681916	3728519	3758236	3722890	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65619	65766	65926	65770	0.23	cps
Cobalt	59-2	82951	81875	83014	82613	0.78	cps
Copper	63-2	150077	151080	148673	149943	0.81	cps
Dysprosium	156-1	24765	25009	25293	25022	1.06	cps
Dysprosium	156-2	22024	22298	22582	22301	1.25	cps
Erbium	164-1	21867	22074	21877	21940	0.53	cps
Erbium	164-2	16994	16376	16406	16592	2.10	cps
Gadolinium	160-1	24398	25206	24047	24550	2.42	cps
Gadolinium	160-2	19908	20191	19681	19927	1.28	cps
Holmium	165-1	15370229	15485466	15581105	15478933	0.68	cps
Holmium	165-2	11719436	11570688	11746754	11678960	0.81	cps
Indium	115-1	12747636	12723191	12660306	12710378	0.35	cps
Indium	115-2	4848374	4820582	4864757	4844571	0.46	cps
Iron	56-2	107508525	106611558	105966938	106695674	0.73	cps
Iron	57-2	2671612	2672057	2628171	2657280	0.95	cps
Iron	54-2	5785763	5728698	5708496	5740986	0.70	cps
Krypton	83-1	230	240	253	241	4.86	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 18:35:28	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	85929	85923	87248	86366	0.88	cps
Lead	207-1	72794	73558	73367	73239	0.54	cps
Lead	208-1	332742	333440	337105	334429	0.70	cps
Lithium	6-1	1606071	1611321	1613550	1610314	0.24	cps
Magnesium	24-2	1954214	1955047	1939080	1949447	0.46	cps
Manganese	55-2	1703284	1696139	1700298	1699907	0.21	cps
Molybdenum	94-1	18372	19026	18732	18710	1.75	cps
Molybdenum	95-1	7966	8199	7902	8022	1.95	cps
Molybdenum	96-1	11731	12229	12082	12014	2.13	cps
Molybdenum	97-1	4968	4868	4911	4915	1.02	cps
Molybdenum	98-1	12719	12786	13346	12950	2.66	cps
Neodymium	150-1	41812	42313	41982	42036	0.61	cps
Neodymium	150-2	27026	26568	26555	26716	1.00	cps
Nickel	60-2	25472	24677	25208	25119	1.61	cps
Phosphorus	31-2	9296	9380	9356	9344	0.46	cps
Potassium	39-2	842692	849545	845522	845920	0.41	cps
Rhodium	103-1	11836436	11871104	11784186	11830576	0.37	cps
Rhodium	103-2	7341968	7279684	7299895	7307182	0.43	cps
Scandium	45-1	6902792	6905048	6878884	6895575	0.21	cps
Scandium	45-2	606624	602751	603876	604417	0.33	cps
Selenium	82-1	293	282	253	276	7.61	cps
Selenium	77-2	60	50	60	57	10.19	cps
Selenium	78-2	567	547	520	544	4.30	cps
Silicon	28-1	8348578	8421264	8599500	8456447	1.53	cps
Silver	107-1	2638	2475	2528	2547	3.25	cps
Silver	109-1	2180	2374	2314	2289	4.32	cps
Sodium	23-2	88740	88740	88050	88510	0.45	cps
Strontium	86-1	58726	58412	60032	59057	1.45	cps
Strontium	88-1	507254	515228	511148	511210	0.78	cps
Sulfur	34-1	157051	158378	161217	158882	1.34	cps
Terbium	159-1	16017457	15948526	15824467	15930150	0.61	cps
Terbium	159-2	11696756	11571927	11417617	11562100	1.21	cps
Thallium	203-1	2380	2287	2380	2349	2.29	cps
Thallium	205-1	5691	5625	5971	5762	3.19	cps
Tin	118-1	4771	4884	5238	4964	4.91	cps
Titanium	47-1	176617	179780	179682	178693	1.01	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 18:35:28	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10958	11492	10951	11134	2.79	cps
Vanadium	51-2	177921	177709	176913	177514	0.30	cps
Yttrium	89-1	15099141	15136406	15254303	15163283	0.53	cps
Yttrium	89-2	4159504	4196444	4235276	4197075	0.90	cps
Zinc	66-2	50087	50709	49562	50119	1.15	cps
Zirconium	90-1	37665	38594	38922	38393	1.70	cps
Zirconium	91-1	8619	8593	8549	8587	0.41	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:38:37	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13120507	13339784	13018086	13159459	1.25	cps
Antimony	121-1	1000424	1008828	1000263	1003172	0.49	cps
Arsenic	75-2	74754	74000	73732	74162	0.71	cps
Barium	135-1	6208377	6282391	6187152	6225973	0.80	cps
Barium	137-1	10720420	10726095	10598005	10681507	0.68	cps
Beryllium	9-1	55278	55803	56204	55762	0.83	cps
Bismuth	209-1	9602136	9511229	9553436	9555601	0.48	cps
Bismuth	209-2	8406695	8373209	8362178	8380694	0.28	cps
Bromine	81-1	15615	15031	15285	15310	1.91	cps
Bromine	81-2	647	630	663	647	2.58	cps
Cadmium	108-1	9063	9023	8839	8975	1.33	cps
Cadmium	106-1	16596	16536	16636	16590	0.30	cps
Cadmium	111-1	137433	138343	138394	138056	0.39	cps
Calcium	43-1	1192805	1184501	1185527	1187611	0.38	cps
Calcium	44-1	18619035	18277499	18354278	18416937	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1107074	1104381	1106569	1106008	0.13	cps
Cobalt	59-2	3539998	3515709	3583574	3546427	0.97	cps
Copper	63-2	1740614	1746272	1728997	1738628	0.51	cps
Dysprosium	156-1	125188	126076	125753	125673	0.36	cps
Dysprosium	156-2	110564	108878	109193	109545	0.82	cps
Erbium	164-1	109754	111409	110499	110554	0.75	cps
Erbium	164-2	81402	80648	81385	81145	0.53	cps
Gadolinium	160-1	122426	122604	122745	122592	0.13	cps
Gadolinium	160-2	94546	95053	94707	94769	0.27	cps
Holmium	165-1	15632708	15850217	15960764	15814563	1.06	cps
Holmium	165-2	11926384	11932523	11884866	11914591	0.22	cps
Indium	115-1	12734092	12839169	12624284	12732515	0.84	cps
Indium	115-2	4791477	4785932	4801217	4792875	0.16	cps
Iron	56-2	518337859	521484352	520294259	520038823	0.31	cps
Iron	57-2	12904588	12628714	12776258	12769853	1.08	cps
Iron	54-2	28134740	28284513	28212750	28210668	0.27	cps
Krypton	83-1	357	353	380	363	4.00	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:38:37	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	576199	577310	573645	575718	0.33	cps
Lead	207-1	486174	484142	483080	484465	0.32	cps
Lead	208-1	2233810	2228070	2227000	2229627	0.16	cps
Lithium	6-1	1652945	1648263	1629342	1643517	0.76	cps
Magnesium	24-2	9369711	9393824	9295550	9353029	0.55	cps
Manganese	55-2	9808564	9863863	9816318	9829582	0.30	cps
Molybdenum	94-1	92137	91966	92892	92332	0.53	cps
Molybdenum	95-1	40653	40239	40185	40359	0.63	cps
Molybdenum	96-1	60568	60642	60026	60412	0.56	cps
Molybdenum	97-1	26063	25242	25589	25631	1.61	cps
Molybdenum	98-1	64994	66089	64552	65211	1.21	cps
Neodymium	150-1	211083	210903	209212	210399	0.49	cps
Neodymium	150-2	132664	131910	130985	131853	0.64	cps
Nickel	60-2	887719	885382	883557	885553	0.24	cps
Phosphorus	31-2	44989	45130	43211	44443	2.41	cps
Potassium	39-2	3818531	3827061	3789013	3811535	0.52	cps
Rhodium	103-1	11679250	11624176	11713077	11672168	0.38	cps
Rhodium	103-2	7212293	7181958	7148535	7180929	0.44	cps
Scandium	45-1	7326435	7142838	7130099	7199791	1.53	cps
Scandium	45-2	628823	634476	624937	629412	0.76	cps
Selenium	82-1	16267	15676	16103	16015	1.90	cps
Selenium	77-2	2020	2110	2100	2077	2.38	cps
Selenium	78-2	6328	6295	6231	6285	0.78	cps
Silicon	28-1	39607556	38663904	38801522	39024327	1.31	cps
Silver	107-1	614853	620385	620775	618671	0.54	cps
Silver	109-1	589092	589990	591278	590120	0.19	cps
Sodium	23-2	328248	329776	325130	327718	0.72	cps
Strontium	86-1	293466	292979	289535	291993	0.73	cps
Strontium	88-1	2597894	2647179	2582511	2609195	1.29	cps
Sulfur	34-1	186115	182421	185423	184653	1.06	cps
Terbium	159-1	16240453	16101446	16294699	16212199	0.61	cps
Terbium	159-2	11623620	11562595	11495862	11560692	0.55	cps
Thallium	203-1	475214	478829	478860	477634	0.44	cps
Thallium	205-1	1122610	1123336	1126978	1124308	0.21	cps
Tin	118-1	13107	12144	11625	12292	6.12	cps
Titanium	47-1	890446	886171	878870	885162	0.66	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:38:37	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57062	56282	56680	56675	0.69	cps
Vanadium	51-2	2622576	2637257	2630444	2630093	0.28	cps
Yttrium	89-1	16651775	16557322	16720912	16643336	0.49	cps
Yttrium	89-2	4544150	4504112	4496320	4514861	0.57	cps
Zinc	66-2	611307	611612	604206	609042	0.69	cps
Zirconium	90-1	188645	191498	187301	189148	1.13	cps
Zirconium	91-1	42431	42007	42214	42217	0.50	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:41:39	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13725977	13773858	13562575	13687470	0.81	cps
Antimony	121-1	4256496	4278993	4267681	4267723	0.26	cps
Arsenic	75-2	140123	138357	136854	138445	1.18	cps
Barium	135-1	22352049	22423170	22091612	22288944	0.78	cps
Barium	137-1	38860609	38354254	38217230	38477364	0.88	cps
Beryllium	9-1	222883	224671	225152	224235	0.53	cps
Bismuth	209-1	9666008	9401072	9400572	9489217	1.61	cps
Bismuth	209-2	8245568	8252541	8149750	8215953	0.70	cps
Bromine	81-1	15975	14687	15708	15457	4.40	cps
Bromine	81-2	637	633	623	631	1.10	cps
Cadmium	108-1	35848	36847	36436	36377	1.38	cps
Cadmium	106-1	54783	53919	52404	53702	2.24	cps
Cadmium	111-1	557773	555530	545836	553046	1.15	cps
Calcium	43-1	1149428	1134854	1124130	1136138	1.12	cps
Calcium	44-1	17749079	17711351	17444190	17634874	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3568236	3545880	3533560	3549226	0.50	cps
Cobalt	59-2	13367192	13319552	13101461	13262735	1.07	cps
Copper	63-2	5056619	5049371	5049074	5051688	0.08	cps
Dysprosium	156-1	121476	122181	120813	121490	0.56	cps
Dysprosium	156-2	106916	105976	106187	106360	0.46	cps
Erbium	164-1	105471	105384	103523	104792	1.05	cps
Erbium	164-2	78901	77463	78415	78260	0.93	cps
Gadolinium	160-1	118401	119229	117686	118439	0.65	cps
Gadolinium	160-2	92600	91737	90543	91627	1.13	cps
Holmium	165-1	16022756	15694301	15707302	15808120	1.18	cps
Holmium	165-2	11676774	11586320	11541941	11601678	0.59	cps
Indium	115-1	12934768	12507635	12567435	12669946	1.83	cps
Indium	115-2	4727465	4673255	4591342	4664021	1.47	cps
Iron	56-2	508018966	498637553	495528393	500728304	1.30	cps
Iron	57-2	12571212	12392678	12348286	12437392	0.95	cps
Iron	54-2	27489981	27242998	26879285	27204088	1.13	cps
Krypton	83-1	353	350	393	366	6.60	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:41:39	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1056404	1066177	1065386	1062656	0.51	cps
Lead	207-1	875509	884287	868990	876262	0.88	cps
Lead	208-1	4153348	4229210	4192283	4191614	0.91	cps
Lithium	6-1	1689212	1621767	1630349	1647110	2.23	cps
Magnesium	24-2	8975287	8784347	8741938	8833858	1.41	cps
Manganese	55-2	14348866	14108570	13935847	14131094	1.47	cps
Molybdenum	94-1	88384	89095	89417	88965	0.59	cps
Molybdenum	95-1	39918	40262	39928	40036	0.49	cps
Molybdenum	96-1	59725	60361	58459	59515	1.63	cps
Molybdenum	97-1	24430	25182	24581	24731	1.61	cps
Molybdenum	98-1	64944	63296	63048	63763	1.62	cps
Neodymium	150-1	203659	203646	200028	202444	1.03	cps
Neodymium	150-2	127150	125320	124409	125626	1.11	cps
Nickel	60-2	3444239	3418104	3390066	3417470	0.79	cps
Phosphorus	31-2	42262	41576	41422	41753	1.07	cps
Potassium	39-2	3573101	3542288	3497747	3537712	1.07	cps
Rhodium	103-1	11868298	11584069	11273697	11575355	2.57	cps
Rhodium	103-2	7035913	7068740	6892325	6998993	1.34	cps
Scandium	45-1	7311062	7035532	6991557	7112717	2.43	cps
Scandium	45-2	612978	597683	592444	601035	1.78	cps
Selenium	82-1	67694	68191	67565	67817	0.49	cps
Selenium	77-2	7329	7435	7265	7343	1.17	cps
Selenium	78-2	24677	24724	23909	24437	1.87	cps
Silicon	28-1	37076186	37234099	36752140	37020809	0.66	cps
Silver	107-1	2010208	1920884	2341615	2090902	10.60	cps
Silver	109-1	2333932	2031136	2056277	2140448	7.85	cps
Sodium	23-2	320157	315634	316460	317417	0.76	cps
Strontium	86-1	279784	279211	279024	279340	0.14	cps
Strontium	88-1	2502545	2500901	2517777	2507074	0.37	cps
Sulfur	34-1	183750	180182	178624	180852	1.45	cps
Terbium	159-1	16569876	16206729	15980973	16252526	1.83	cps
Terbium	159-2	11416716	11232307	11352799	11333941	0.83	cps
Thallium	203-1	2103264	2082728	2103218	2096403	0.56	cps
Thallium	205-1	4922874	4958770	4947496	4943047	0.37	cps
Tin	118-1	12006	12312	12547	12288	2.21	cps
Titanium	47-1	852143	850298	845342	849261	0.41	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:41:39	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55090	56154	55589	55611	0.96	cps
Vanadium	51-2	7999919	7858966	7796432	7885106	1.32	cps
Yttrium	89-1	16790750	16075516	16008352	16291539	2.66	cps
Yttrium	89-2	4337620	4353433	4243036	4311363	1.38	cps
Zinc	66-2	1813963	1827131	1788102	1809732	1.10	cps
Zirconium	90-1	180157	182205	182826	181729	0.77	cps
Zirconium	91-1	41502	41164	39640	40769	2.43	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:53:09	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3289142	3306736	3268197	3288025	0.59	cps
Antimony	121-1	7115	7465	7095	7225	2.88	cps
Arsenic	75-2	14357	14020	14484	14287	1.68	cps
Barium	135-1	262841	266604	268499	265982	1.08	cps
Barium	137-1	459903	466829	466003	464245	0.81	cps
Beryllium	9-1	1310	1320	1153	1261	7.41	cps
Bismuth	209-1	9480490	9425463	9417888	9441280	0.36	cps
Bismuth	209-2	8309857	8202300	8151894	8221350	0.98	cps
Bromine	81-1	13660	13953	14160	13924	1.81	cps
Bromine	81-2	297	337	330	321	6.67	cps
Cadmium	108-1	203	193	190	196	3.55	cps
Cadmium	106-1	3460	3324	3314	3366	2.43	cps
Cadmium	111-1	4489	4457	4419	4455	0.79	cps
Calcium	43-1	301124	303891	303066	302693	0.47	cps
Calcium	44-1	4737323	4716359	4719925	4724535	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83533	84069	84022	83875	0.35	cps
Cobalt	59-2	103765	104061	104531	104119	0.37	cps
Copper	63-2	195850	196282	196313	196148	0.13	cps
Dysprosium	156-1	29564	29865	30727	30052	2.01	cps
Dysprosium	156-2	27029	27427	27370	27275	0.79	cps
Erbium	164-1	26148	26315	26398	26287	0.49	cps
Erbium	164-2	19851	20555	19727	20044	2.23	cps
Gadolinium	160-1	28873	29959	30089	29640	2.25	cps
Gadolinium	160-2	24294	24482	23603	24126	1.92	cps
Holmium	165-1	15439353	15187339	15082550	15236414	1.20	cps
Holmium	165-2	11704396	11518780	11465117	11562764	1.09	cps
Indium	115-1	12609355	12539351	12596910	12581872	0.30	cps
Indium	115-2	4826349	4758137	4799293	4794593	0.72	cps
Iron	56-2	132796655	131000018	131825735	131874136	0.68	cps
Iron	57-2	3324871	3251958	3253231	3276687	1.27	cps
Iron	54-2	7162539	7152012	7156028	7156859	0.07	cps
Krypton	83-1	217	290	253	253	14.47	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:53:09	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	119237	121319	120316	120291	0.87	cps
Lead	207-1	102617	102637	104447	103234	1.02	cps
Lead	208-1	467049	472301	476314	471888	0.98	cps
Lithium	6-1	1568422	1524891	1539784	1544366	1.43	cps
Magnesium	24-2	2539110	2496323	2487110	2507514	1.11	cps
Manganese	55-2	2107178	2095741	2117594	2106838	0.52	cps
Molybdenum	94-1	39369	41045	39289	39901	2.49	cps
Molybdenum	95-1	32600	33328	33996	33308	2.10	cps
Molybdenum	96-1	39590	40556	40185	40110	1.21	cps
Molybdenum	97-1	19960	20865	20368	20398	2.22	cps
Molybdenum	98-1	51995	53297	53661	52984	1.65	cps
Neodymium	150-1	49838	51075	51420	50778	1.64	cps
Neodymium	150-2	32554	32123	32738	32472	0.97	cps
Nickel	60-2	30454	30681	31172	30769	1.19	cps
Phosphorus	31-2	11428	11514	11808	11583	1.72	cps
Potassium	39-2	1104986	1098950	1102269	1102069	0.27	cps
Rhodium	103-1	11747061	11702760	11591911	11680578	0.68	cps
Rhodium	103-2	7181572	7137429	7308703	7209235	1.23	cps
Scandium	45-1	7033711	6939116	6910051	6960959	0.93	cps
Scandium	45-2	614449	606925	606593	609322	0.73	cps
Selenium	82-1	458	397	372	409	10.83	cps
Selenium	77-2	97	63	90	83	21.17	cps
Selenium	78-2	577	603	663	614	7.23	cps
Silicon	28-1	10209392	10411425	10723581	10448133	2.48	cps
Silver	107-1	8927	8905	9043	8958	0.83	cps
Silver	109-1	8166	8386	8376	8309	1.50	cps
Sodium	23-2	234566	233417	233503	233829	0.27	cps
Strontium	86-1	72919	74477	73840	73746	1.06	cps
Strontium	88-1	638725	643802	638426	640318	0.47	cps
Sulfur	34-1	165950	163322	162392	163888	1.13	cps
Terbium	159-1	15642668	15631007	15715654	15663109	0.29	cps
Terbium	159-2	11404117	11359315	11353776	11372402	0.24	cps
Thallium	203-1	6665	6875	7172	6904	3.69	cps
Thallium	205-1	16213	16854	17198	16755	2.98	cps
Tin	118-1	9737	11858	9874	10490	11.32	cps
Titanium	47-1	229014	230326	229467	229602	0.29	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:53:09	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26336	26112	26293	26247	0.45	cps
Vanadium	51-2	224477	222229	222844	223184	0.52	cps
Yttrium	89-1	15326521	15126120	15155138	15202593	0.71	cps
Yttrium	89-2	4199134	4208915	4178447	4195499	0.37	cps
Zinc	66-2	65232	63447	64267	64315	1.39	cps
Zirconium	90-1	55973	56481	55999	56151	0.51	cps
Zirconium	91-1	12746	12666	12549	12653	0.78	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:56:17	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3253299	3219717	3196894	3223303	0.88	cps
Antimony	121-1	8383	8769	8906	8686	3.13	cps
Arsenic	75-2	14100	13760	13636	13832	1.74	cps
Barium	135-1	269445	270845	270465	270251	0.27	cps
Barium	137-1	466892	471273	470165	469443	0.49	cps
Beryllium	9-1	1447	1423	1460	1443	1.29	cps
Bismuth	209-1	9667507	9497161	9512790	9559153	0.99	cps
Bismuth	209-2	8417871	8308525	8274414	8333603	0.90	cps
Bromine	81-1	14337	14741	14110	14396	2.22	cps
Bromine	81-2	277	280	340	299	11.93	cps
Cadmium	108-1	230	207	190	209	9.62	cps
Cadmium	106-1	4047	3741	3851	3879	4.01	cps
Cadmium	111-1	5361	5217	5194	5257	1.72	cps
Calcium	43-1	302362	301736	300176	301425	0.37	cps
Calcium	44-1	4613185	4710604	4740970	4688253	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81978	83697	81740	82471	1.29	cps
Cobalt	59-2	105776	104672	104393	104947	0.70	cps
Copper	63-2	201655	198950	197748	199451	1.00	cps
Dysprosium	156-1	29571	30450	30533	30185	1.77	cps
Dysprosium	156-2	27016	26953	27333	27101	0.75	cps
Erbium	164-1	26402	26682	26876	26653	0.89	cps
Erbium	164-2	19437	20385	19330	19717	2.94	cps
Gadolinium	160-1	28763	29511	29321	29198	1.33	cps
Gadolinium	160-2	23319	23520	23597	23479	0.61	cps
Holmium	165-1	15419298	15634596	15469949	15507947	0.73	cps
Holmium	165-2	11711468	11536451	11443881	11563933	1.18	cps
Indium	115-1	12848031	12775935	12695802	12773256	0.60	cps
Indium	115-2	4818155	4796706	4743304	4786055	0.81	cps
Iron	56-2	131777931	130670835	129417445	130622070	0.90	cps
Iron	57-2	3249597	3250287	3192462	3230782	1.03	cps
Iron	54-2	7108670	7138959	7031631	7093086	0.78	cps
Krypton	83-1	303	273	277	284	5.78	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:56:17	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	126666	126606	127901	127058	0.58	cps
Lead	207-1	107864	109050	109537	108817	0.79	cps
Lead	208-1	499278	497496	499981	498918	0.26	cps
Lithium	6-1	1584172	1553766	1625314	1587751	2.26	cps
Magnesium	24-2	2510533	2535414	2481748	2509232	1.07	cps
Manganese	55-2	2127484	2106884	2098767	2111045	0.70	cps
Molybdenum	94-1	44638	44812	45367	44939	0.85	cps
Molybdenum	95-1	41726	42227	42217	42057	0.68	cps
Molybdenum	96-1	50390	49283	50289	49987	1.22	cps
Molybdenum	97-1	26471	26200	25966	26212	0.96	cps
Molybdenum	98-1	67827	66986	67957	67590	0.78	cps
Neodymium	150-1	50253	50778	50450	50493	0.53	cps
Neodymium	150-2	32521	32441	32173	32378	0.56	cps
Nickel	60-2	29409	30200	29876	29829	1.33	cps
Phosphorus	31-2	11785	11244	11461	11497	2.37	cps
Potassium	39-2	1101050	1108857	1094583	1101497	0.65	cps
Rhodium	103-1	11758132	11754764	11860139	11791012	0.51	cps
Rhodium	103-2	7366707	7229154	7335213	7310358	0.99	cps
Scandium	45-1	6993785	7011232	6931170	6978729	0.60	cps
Scandium	45-2	617888	614850	604825	612521	1.12	cps
Selenium	82-1	400	396	354	383	6.64	cps
Selenium	77-2	120	73	77	90	28.93	cps
Selenium	78-2	603	623	580	602	3.60	cps
Silicon	28-1	9905943	10085511	9977375	9989610	0.91	cps
Silver	107-1	11477	11635	10981	11365	3.00	cps
Silver	109-1	10284	10554	10567	10468	1.53	cps
Sodium	23-2	277401	280141	277081	278208	0.60	cps
Strontium	86-1	72333	74169	74528	73676	1.60	cps
Strontium	88-1	637910	640389	646551	641617	0.69	cps
Sulfur	34-1	162425	163925	164548	163633	0.67	cps
Terbium	159-1	16051199	15819303	15878639	15916380	0.76	cps
Terbium	159-2	11170869	11375669	11294272	11280270	0.91	cps
Thallium	203-1	8599	8546	8553	8566	0.34	cps
Thallium	205-1	20449	20155	20322	20309	0.73	cps
Tin	118-1	9530	9340	9470	9447	1.03	cps
Titanium	47-1	224115	228320	228151	226862	1.05	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:56:17	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30779	31344	30873	30998	0.98	cps
Vanadium	51-2	220626	220257	220159	220347	0.11	cps
Yttrium	89-1	15379763	15228432	15314979	15307725	0.50	cps
Yttrium	89-2	4226929	4184789	4186044	4199254	0.57	cps
Zinc	66-2	64997	64847	65831	65225	0.81	cps
Zirconium	90-1	56625	56849	57217	56897	0.53	cps
Zirconium	91-1	12589	12666	12589	12614	0.35	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:59:29	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15343359	15153334	15259541	15252078	0.62	cps
Antimony	121-1	6738153	6767153	6665799	6723702	0.78	cps
Arsenic	75-2	339047	339824	337207	338693	0.40	cps
Barium	135-1	8581315	8599629	8512645	8564529	0.54	cps
Barium	137-1	14632896	14728926	14735136	14698986	0.39	cps
Beryllium	9-1	685293	694265	696783	692113	0.87	cps
Bismuth	209-1	8717231	8798876	8680227	8732112	0.70	cps
Bismuth	209-2	7589574	7517107	7586952	7564544	0.54	cps
Bromine	81-1	13203	12922	13219	13115	1.27	cps
Bromine	81-2	163	217	287	222	27.83	cps
Cadmium	108-1	121594	121644	121933	121724	0.15	cps
Cadmium	106-1	175067	173678	175000	174582	0.45	cps
Cadmium	111-1	1706368	1734678	1727573	1722873	0.85	cps
Calcium	43-1	8596288	8617969	8623291	8612516	0.17	cps
Calcium	44-1	138584095	138678898	138934095	138732362	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2603256	2612019	2629380	2614885	0.51	cps
Cobalt	59-2	4118114	4113802	4111301	4114406	0.08	cps
Copper	63-2	29029287	28999425	28968305	28999005	0.11	cps
Dysprosium	156-1	337	307	323	322	4.66	cps
Dysprosium	156-2	583	660	717	653	10.24	cps
Erbium	164-1	353	307	313	324	7.78	cps
Erbium	164-2	217	210	280	236	16.40	cps
Gadolinium	160-1	370	287	270	309	17.34	cps
Gadolinium	160-2	797	827	810	811	1.85	cps
Holmium	165-1	15195174	15030661	15003305	15076380	0.69	cps
Holmium	165-2	11134641	11394641	11299707	11276330	1.17	cps
Indium	115-1	11769205	11480675	11455634	11568505	1.51	cps
Indium	115-2	4324570	4290155	4310273	4308333	0.40	cps
Iron	56-2	620200831	622511577	618180817	620297742	0.35	cps
Iron	57-2	15471730	15490269	15341100	15434366	0.53	cps
Iron	54-2	33855527	33747000	33530880	33711136	0.49	cps
Krypton	83-1	230	273	277	260	10.01	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:59:29	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26223340	26404510	26271740	26299863	0.36	cps
Lead	207-1	22867265	23071479	23054709	22997818	0.49	cps
Lead	208-1	104072831	105663283	104175034	104637050	0.85	cps
Lithium	6-1	1558930	1524677	1518795	1534134	1.41	cps
Magnesium	24-2	118493032	119261838	116762835	118172568	1.08	cps
Manganese	55-2	21083187	21084410	20981518	21049705	0.28	cps
Molybdenum	94-1	23327322	23248003	23368084	23314470	0.26	cps
Molybdenum	95-1	34280059	34095459	33663403	34012973	0.93	cps
Molybdenum	96-1	37276936	37321512	37073069	37223839	0.36	cps
Molybdenum	97-1	21259497	21209146	20987223	21151955	0.68	cps
Molybdenum	98-1	54151591	54346796	53664143	54054176	0.65	cps
Neodymium	150-1	540	610	520	557	8.49	cps
Neodymium	150-2	213	237	147	199	23.48	cps
Nickel	60-2	991994	985954	989064	989004	0.31	cps
Phosphorus	31-2	136022	137702	138820	137515	1.02	cps
Potassium	39-2	75110784	75137091	74939971	75062615	0.14	cps
Rhodium	103-1	10588688	10362165	10264088	10404980	1.60	cps
Rhodium	103-2	6349009	6313165	6345641	6335938	0.31	cps
Scandium	45-1	6583371	6346898	6415889	6448719	1.89	cps
Scandium	45-2	556149	559908	555516	557191	0.43	cps
Selenium	82-1	100857	99836	100381	100358	0.51	cps
Selenium	77-2	10400	10424	10734	10519	1.77	cps
Selenium	78-2	35205	34881	35212	35099	0.54	cps
Silicon	28-1	3668846	3665527	3701363	3678579	0.54	cps
Silver	107-1	8490987	8419972	8413000	8441320	0.51	cps
Silver	109-1	7894582	7983822	7922339	7933581	0.58	cps
Sodium	23-2	190377257	189626477	189867397	189957044	0.20	cps
Strontium	86-1	2118028	2122407	2144817	2128417	0.68	cps
Strontium	88-1	18643147	18524263	18643298	18603570	0.37	cps
Sulfur	34-1	652432	642440	644126	646332	0.83	cps
Terbium	159-1	15623553	15331758	15423371	15459561	0.97	cps
Terbium	159-2	10926637	10974142	10782223	10894334	0.92	cps
Thallium	203-1	6616008	6616862	6629043	6620638	0.11	cps
Thallium	205-1	15701309	15765892	15550559	15672587	0.71	cps
Tin	118-1	5547771	5579215	5535683	5554223	0.40	cps
Titanium	47-1	8033128	7989888	8207721	8076912	1.43	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:59:29	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20595821	20823244	20919029	20779365	0.80	cps
Vanadium	51-2	2375250	2353067	2349096	2359138	0.60	cps
Yttrium	89-1	14224750	14018334	14080445	14107843	0.75	cps
Yttrium	89-2	3787607	3822884	3726702	3779064	1.29	cps
Zinc	66-2	4874271	4874908	4796406	4848529	0.93	cps
Zirconium	90-1	11526025	11560063	11595291	11560459	0.30	cps
Zirconium	91-1	2591722	2544232	2567824	2567926	0.92	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:02:11	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1503	1460	1180	1381	12.71	cps
Antimony	121-1	3904	3200	2984	3363	14.31	cps
Arsenic	75-2	33	33	57	41	32.78	cps
Barium	135-1	2077	1560	1187	1608	27.80	cps
Barium	137-1	3584	2660	2180	2808	25.40	cps
Beryllium	9-1	290	300	173	254	27.68	cps
Bismuth	209-1	9751671	9595435	9542177	9629761	1.13	cps
Bismuth	209-2	8423012	8407007	8261032	8363684	1.07	cps
Bromine	81-1	13490	13306	13613	13470	1.15	cps
Bromine	81-2	133	167	183	161	15.80	cps
Cadmium	108-1	57	23	20	33	60.84	cps
Cadmium	106-1	3570	3427	3410	3469	2.54	cps
Cadmium	111-1	2882	2777	2742	2800	2.60	cps
Calcium	43-1	2437	1817	1540	1931	23.78	cps
Calcium	44-1	43178	36073	31269	36840	16.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1390	1237	1170	1266	8.91	cps
Cobalt	59-2	523	493	397	471	14.05	cps
Copper	63-2	7839	7429	6888	7385	6.45	cps
Dysprosium	156-1	17	3	17	12	63.01	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	47	70	60	59	19.88	cps
Erbium	164-2	53	57	47	52	9.75	cps
Gadolinium	160-1	43	57	43	48	16.12	cps
Gadolinium	160-2	640	547	620	602	8.16	cps
Holmium	165-1	15617477	15017336	15293559	15309457	1.96	cps
Holmium	165-2	11503891	11505836	11394775	11468167	0.55	cps
Indium	115-1	12747919	12502128	12500790	12583612	1.13	cps
Indium	115-2	4736647	4707082	4742238	4728655	0.40	cps
Iron	56-2	84479	75555	67672	75902	11.08	cps
Iron	57-2	2567	2547	2207	2440	8.29	cps
Iron	54-2	6218	5538	5124	5627	9.82	cps
Krypton	83-1	193	217	313	241	26.39	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:02:11	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7275	5781	4861	5973	20.40	cps
Lead	207-1	6285	5218	4301	5268	18.85	cps
Lead	208-1	28562	23171	19673	23802	18.81	cps
Lithium	6-1	1671877	1614096	1619518	1635164	1.95	cps
Magnesium	24-2	12478	11101	9416	10999	13.94	cps
Manganese	55-2	2334	2094	1927	2118	9.65	cps
Molybdenum	94-1	6155	5161	4234	5183	18.53	cps
Molybdenum	95-1	8382	6828	5414	6875	21.59	cps
Molybdenum	96-1	9040	7592	5798	7476	21.72	cps
Molybdenum	97-1	5141	4281	3324	4248	21.40	cps
Molybdenum	98-1	13646	10587	8966	11067	21.48	cps
Neodymium	150-1	10	7	7	8	24.71	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	793	760	697	750	6.55	cps
Phosphorus	31-2	177	117	187	160	23.66	cps
Potassium	39-2	60858	59867	58559	59761	1.93	cps
Rhodium	103-1	11681356	11551066	11575577	11602666	0.60	cps
Rhodium	103-2	7279859	7175694	7163641	7206398	0.89	cps
Scandium	45-1	6719615	6632812	6601939	6651455	0.92	cps
Scandium	45-2	577493	579102	575741	577445	0.29	cps
Selenium	82-1	274	230	55	186	62.15	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	440	517	417	458	11.43	cps
Silicon	28-1	616114	615044	614483	615213	0.13	cps
Silver	107-1	2743	2236	1879	2286	18.99	cps
Silver	109-1	2577	2027	1570	2058	24.50	cps
Sodium	23-2	49021	46584	44036	46547	5.36	cps
Strontium	86-1	887	807	667	787	14.16	cps
Strontium	88-1	4747	3554	3057	3786	22.95	cps
Sulfur	34-1	184401	187033	186192	185875	0.72	cps
Terbium	159-1	15739764	15437172	15628491	15601809	0.98	cps
Terbium	159-2	11315489	11311077	11121467	11249344	0.98	cps
Thallium	203-1	1974	1553	1373	1633	18.85	cps
Thallium	205-1	4641	3707	3270	3873	18.08	cps
Tin	118-1	3951	3684	3310	3648	8.81	cps
Titanium	47-1	2040	1703	1367	1703	19.77	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:02:11	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4444	3637	2720	3601	23.95	cps
Vanadium	51-2	273	217	170	220	23.52	cps
Yttrium	89-1	14611466	14441387	14500906	14517920	0.59	cps
Yttrium	89-2	4028941	3957571	3952045	3979519	1.08	cps
Zinc	66-2	1053	1010	973	1012	3.96	cps
Zirconium	90-1	3771	3150	2940	3287	13.13	cps
Zirconium	91-1	910	623	547	693	27.62	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 19:05:28	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	652786	650842	646200	649943	0.52	cps
Antimony	121-1	8769	8726	8776	8757	0.31	cps
Arsenic	75-2	3110	3224	3224	3186	2.05	cps
Barium	135-1	62007	61351	61465	61608	0.57	cps
Barium	137-1	106770	107831	108124	107575	0.66	cps
Beryllium	9-1	1013	1010	1053	1026	2.35	cps
Bismuth	209-1	9769423	9459075	9573437	9600645	1.63	cps
Bismuth	209-2	8465052	8394853	8347964	8402623	0.70	cps
Bromine	81-1	14427	14527	14274	14409	0.89	cps
Bromine	81-2	157	250	183	197	24.44	cps
Cadmium	108-1	163	183	153	167	9.16	cps
Cadmium	106-1	4021	3757	3634	3804	5.19	cps
Cadmium	111-1	5025	4731	4699	4818	3.74	cps
Calcium	43-1	68497	69120	70158	69258	1.21	cps
Calcium	44-1	1132518	1128417	1141079	1134005	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19640	20133	20120	19964	1.41	cps
Cobalt	59-2	25081	25562	25398	25347	0.96	cps
Copper	63-2	72361	72170	71855	72128	0.35	cps
Dysprosium	156-1	5891	6101	6148	6047	2.26	cps
Dysprosium	156-2	5538	5328	5568	5478	2.39	cps
Erbium	164-1	5564	5321	5638	5508	3.01	cps
Erbium	164-2	3984	4124	4107	4072	1.88	cps
Gadolinium	160-1	5918	6078	5975	5990	1.35	cps
Gadolinium	160-2	5218	5351	5481	5350	2.46	cps
Holmium	165-1	15162900	15458949	15210959	15277603	1.04	cps
Holmium	165-2	11619947	11477622	11554103	11550557	0.62	cps
Indium	115-1	12330355	12662849	12734346	12575850	1.71	cps
Indium	115-2	4839539	4793471	4779780	4804263	0.65	cps
Iron	56-2	26856872	27086776	26864845	26936164	0.48	cps
Iron	57-2	677266	678894	673516	676558	0.41	cps
Iron	54-2	1487545	1465944	1474353	1475947	0.74	cps
Krypton	83-1	277	273	190	247	19.91	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 19:05:28	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	50547	50229	50631	50469	0.42	cps
Lead	207-1	43496	43275	43446	43406	0.27	cps
Lead	208-1	199938	201052	197610	199533	0.88	cps
Lithium	6-1	1671663	1697612	1638503	1669259	1.77	cps
Magnesium	24-2	596879	602051	596289	598406	0.53	cps
Manganese	55-2	437103	433493	432653	434416	0.54	cps
Molybdenum	94-1	30549	31474	31163	31062	1.52	cps
Molybdenum	95-1	40021	38968	40302	39764	1.77	cps
Molybdenum	96-1	44327	44340	44544	44404	0.27	cps
Molybdenum	97-1	25021	25065	24744	24944	0.70	cps
Molybdenum	98-1	65111	64542	65342	64998	0.63	cps
Neodymium	150-1	10454	10744	10434	10544	1.65	cps
Neodymium	150-2	6245	6525	6565	6445	2.71	cps
Nickel	60-2	7405	7552	7269	7409	1.91	cps
Phosphorus	31-2	2547	2577	2540	2555	0.76	cps
Potassium	39-2	345686	346024	343921	345210	0.33	cps
Rhodium	103-1	11698550	11617264	11621878	11645897	0.39	cps
Rhodium	103-2	7349284	7266858	7199889	7272011	1.03	cps
Scandium	45-1	6789741	6723679	6844563	6785994	0.89	cps
Scandium	45-2	590353	595824	588067	591414	0.67	cps
Selenium	82-1	265	237	317	273	15.00	cps
Selenium	77-2	23	33	40	32	26.04	cps
Selenium	78-2	517	453	453	474	7.71	cps
Silicon	28-1	2750112	2745245	2780335	2758564	0.69	cps
Silver	107-1	10828	10835	10719	10794	0.60	cps
Silver	109-1	10000	10230	10090	10107	1.15	cps
Sodium	23-2	257959	259433	258223	258538	0.30	cps
Strontium	86-1	16950	17087	17027	17021	0.40	cps
Strontium	88-1	146713	147507	145437	146553	0.71	cps
Sulfur	34-1	195669	195172	194704	195182	0.25	cps
Terbium	159-1	15664431	15619985	15468455	15584290	0.66	cps
Terbium	159-2	11307960	11486811	11243630	11346134	1.11	cps
Thallium	203-1	7842	8119	8076	8012	1.86	cps
Thallium	205-1	19210	19334	19010	19185	0.85	cps
Tin	118-1	8749	11985	9403	10046	17.03	cps
Titanium	47-1	53066	52825	53952	53281	1.11	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 19:05:28	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24205	24680	24342	24409	1.00	cps
Vanadium	51-2	46324	45940	46267	46177	0.45	cps
Yttrium	89-1	15158659	14818974	14874516	14950716	1.22	cps
Yttrium	89-2	4028126	4084645	4058024	4056932	0.70	cps
Zinc	66-2	18769	18642	18955	18789	0.84	cps
Zirconium	90-1	21830	22567	22958	22452	2.55	cps
Zirconium	91-1	4661	5071	4961	4898	4.33	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:08:41	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3388254	3378490	3344281	3370342	0.69	cps
Antimony	121-1	247826	257972	255736	253844	2.10	cps
Arsenic	75-2	19573	19313	19229	19372	0.93	cps
Barium	135-1	1438396	1472900	1470170	1460489	1.31	cps
Barium	137-1	2559486	2649183	2683380	2630683	2.43	cps
Beryllium	9-1	14270	14760	14924	14651	2.32	cps
Bismuth	209-1	9657288	9466713	9414537	9512846	1.34	cps
Bismuth	209-2	8341783	8346091	8165130	8284335	1.25	cps
Bromine	81-1	14487	14210	14090	14263	1.43	cps
Bromine	81-2	327	257	317	300	12.62	cps
Cadmium	108-1	2330	2517	2420	2422	3.85	cps
Cadmium	106-1	6998	6898	6892	6929	0.86	cps
Cadmium	111-1	36795	37689	37695	37393	1.38	cps
Calcium	43-1	295140	303341	306971	301817	2.01	cps
Calcium	44-1	4665015	4691707	4736675	4697799	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	286199	283863	283702	284588	0.49	cps
Cobalt	59-2	892770	895178	883100	890350	0.72	cps
Copper	63-2	473457	472658	471743	472619	0.18	cps
Dysprosium	156-1	30366	31322	31135	30941	1.64	cps
Dysprosium	156-2	27287	27504	27206	27332	0.56	cps
Erbium	164-1	26044	26989	26742	26592	1.84	cps
Erbium	164-2	20642	20518	19934	20365	1.86	cps
Gadolinium	160-1	29391	29698	30239	29776	1.44	cps
Gadolinium	160-2	24415	23860	24017	24097	1.19	cps
Holmium	165-1	15740033	15393887	15364149	15499356	1.35	cps
Holmium	165-2	11608185	11540530	11516435	11555050	0.41	cps
Indium	115-1	12918024	12676561	12634797	12743127	1.20	cps
Indium	115-2	4681539	4764638	4663725	4703301	1.15	cps
Iron	56-2	133139888	132305901	132183768	132543186	0.39	cps
Iron	57-2	3271310	3278087	3276600	3275332	0.11	cps
Iron	54-2	7275024	7080176	7203082	7186094	1.37	cps
Krypton	83-1	223	270	233	242	10.14	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:08:41	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	161440	166077	164334	163950	1.43	cps
Lead	207-1	136630	141164	141265	139686	1.90	cps
Lead	208-1	630599	648993	648560	642717	1.63	cps
Lithium	6-1	1682334	1630510	1616121	1642988	2.12	cps
Magnesium	24-2	2526630	2510403	2495256	2510763	0.62	cps
Manganese	55-2	2508141	2522519	2523030	2517896	0.34	cps
Molybdenum	94-1	42578	44461	45327	44122	3.18	cps
Molybdenum	95-1	40419	41295	41569	41094	1.46	cps
Molybdenum	96-1	48818	50347	49477	49547	1.55	cps
Molybdenum	97-1	25876	26244	25572	25897	1.30	cps
Molybdenum	98-1	64435	67247	68835	66839	3.33	cps
Neodymium	150-1	50099	51958	52066	51374	2.15	cps
Neodymium	150-2	33129	32421	32417	32656	1.26	cps
Nickel	60-2	230866	228535	229364	229588	0.51	cps
Phosphorus	31-2	11381	11531	11131	11348	1.78	cps
Potassium	39-2	1107564	1103593	1101410	1104189	0.28	cps
Rhodium	103-1	12087346	11803118	11720621	11870362	1.62	cps
Rhodium	103-2	7225154	7288263	7172922	7228780	0.80	cps
Scandium	45-1	7087202	6922201	6925368	6978257	1.35	cps
Scandium	45-2	607154	602044	599053	602750	0.68	cps
Selenium	82-1	4058	4130	4260	4149	2.48	cps
Selenium	77-2	547	510	537	531	3.57	cps
Selenium	78-2	1907	1910	1930	1916	0.66	cps
Silicon	28-1	9937846	10209579	10265720	10137715	1.73	cps
Silver	107-1	157479	161502	163951	160978	2.03	cps
Silver	109-1	148683	155911	156601	153732	2.85	cps
Sodium	23-2	284209	280885	281832	282309	0.61	cps
Strontium	86-1	72832	74621	75003	74152	1.56	cps
Strontium	88-1	631224	642497	645120	639614	1.15	cps
Sulfur	34-1	194303	193586	192597	193495	0.44	cps
Terbium	159-1	15980053	15830025	15736027	15848702	0.78	cps
Terbium	159-2	11469160	11270012	11328859	11356010	0.90	cps
Thallium	203-1	120938	123672	124903	123171	1.65	cps
Thallium	205-1	284858	292440	295318	290872	1.86	cps
Tin	118-1	9326	9416	9807	9517	2.68	cps
Titanium	47-1	221418	229836	229667	226973	2.12	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:08:41	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30946	31828	32159	31644	1.98	cps
Vanadium	51-2	652212	654254	648439	651635	0.45	cps
Yttrium	89-1	15558824	15108824	15158708	15275452	1.61	cps
Yttrium	89-2	4186745	4160107	4101502	4149451	1.05	cps
Zinc	66-2	162396	162274	161559	162076	0.28	cps
Zirconium	90-1	54614	56023	56766	55801	1.96	cps
Zirconium	91-1	12482	12656	12702	12613	0.92	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:11:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3694958	3690315	3656801	3680691	0.57	cps
Antimony	121-1	1045135	1056195	1052580	1051303	0.54	cps
Arsenic	75-2	36932	36712	37133	36926	0.57	cps
Barium	135-1	5620270	5643098	5586294	5616554	0.51	cps
Barium	137-1	9602299	9607919	9559958	9590059	0.27	cps
Beryllium	9-1	56128	57034	56773	56645	0.82	cps
Bismuth	209-1	9499762	9315825	9470979	9428856	1.05	cps
Bismuth	209-2	8242343	8465552	8283884	8330593	1.42	cps
Bromine	81-1	13653	14060	14434	14049	2.78	cps
Bromine	81-2	333	237	317	296	17.48	cps
Cadmium	108-1	9320	9366	9333	9340	0.26	cps
Cadmium	106-1	16937	16333	16273	16514	2.22	cps
Cadmium	111-1	141331	143470	143543	142781	0.88	cps
Calcium	43-1	296882	300428	300113	299141	0.66	cps
Calcium	44-1	4635594	4626787	4607606	4623329	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	934495	933871	939392	935919	0.32	cps
Cobalt	59-2	3518655	3560108	3476708	3518490	1.19	cps
Copper	63-2	1344103	1354319	1340075	1346166	0.55	cps
Dysprosium	156-1	30102	30379	30126	30202	0.51	cps
Dysprosium	156-2	26699	27036	26709	26814	0.72	cps
Erbium	164-1	25423	26452	26525	26133	2.36	cps
Erbium	164-2	19500	19817	19430	19583	1.05	cps
Gadolinium	160-1	29949	29251	29641	29614	1.18	cps
Gadolinium	160-2	23540	24154	23790	23828	1.30	cps
Holmium	165-1	15364816	15393982	15560440	15439746	0.68	cps
Holmium	165-2	11446912	11653955	11627343	11576070	0.97	cps
Indium	115-1	12480686	12627731	12712733	12607050	0.93	cps
Indium	115-2	4738332	4826161	4766714	4777069	0.94	cps
Iron	56-2	134065758	133821181	132353445	133413461	0.69	cps
Iron	57-2	3304569	3319750	3265636	3296652	0.85	cps
Iron	54-2	7299030	7279892	7278051	7285658	0.16	cps
Krypton	83-1	263	277	270	270	2.47	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:11:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	286765	289049	287673	287829	0.40	cps
Lead	207-1	240462	245557	242216	242745	1.07	cps
Lead	208-1	1111234	1120200	1120783	1117405	0.48	cps
Lithium	6-1	1605739	1618350	1620814	1614968	0.50	cps
Magnesium	24-2	2443959	2469399	2463569	2458975	0.54	cps
Manganese	55-2	3812991	3776326	3782857	3790725	0.52	cps
Molybdenum	94-1	43601	44868	44136	44202	1.44	cps
Molybdenum	95-1	41218	41499	41599	41438	0.48	cps
Molybdenum	96-1	48891	49995	49423	49437	1.12	cps
Molybdenum	97-1	26300	26160	26093	26185	0.40	cps
Molybdenum	98-1	65750	66775	67177	66567	1.10	cps
Neodymium	150-1	50189	51694	50259	50714	1.68	cps
Neodymium	150-2	32491	31565	32126	32061	1.45	cps
Nickel	60-2	882077	877597	880912	880195	0.26	cps
Phosphorus	31-2	11311	11578	11304	11398	1.37	cps
Potassium	39-2	1097670	1095931	1090668	1094756	0.33	cps
Rhodium	103-1	11662600	11558734	11672127	11631154	0.54	cps
Rhodium	103-2	7114673	7257647	7279578	7217299	1.24	cps
Scandium	45-1	6942984	6895827	6843050	6893954	0.73	cps
Scandium	45-2	610785	611027	612803	611538	0.18	cps
Selenium	82-1	17123	17444	17570	17379	1.33	cps
Selenium	77-2	1960	1943	2084	1996	3.83	cps
Selenium	78-2	6945	6805	6515	6755	3.25	cps
Silicon	28-1	9977415	10015905	9989961	9994427	0.20	cps
Silver	107-1	624825	638490	633989	632435	1.10	cps
Silver	109-1	597030	609295	603458	603261	1.02	cps
Sodium	23-2	282144	279810	277842	279932	0.77	cps
Strontium	86-1	72913	74152	73124	73396	0.90	cps
Strontium	88-1	634730	635113	635571	635138	0.07	cps
Sulfur	34-1	181831	181629	178711	180724	0.97	cps
Terbium	159-1	15674983	15888384	15679490	15747619	0.77	cps
Terbium	159-2	11341308	11391367	11353888	11362188	0.23	cps
Thallium	203-1	492201	501004	502174	498460	1.09	cps
Thallium	205-1	1166597	1178445	1183600	1176214	0.74	cps
Tin	118-1	9877	10020	9890	9929	0.80	cps
Titanium	47-1	221182	225552	222863	223199	0.99	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:11:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30976	30999	31317	31097	0.61	cps
Vanadium	51-2	2110562	2094870	2088936	2098122	0.53	cps
Yttrium	89-1	15152529	15178596	15188361	15173162	0.12	cps
Yttrium	89-2	4115847	4211361	4150082	4159097	1.16	cps
Zinc	66-2	479586	477493	473507	476862	0.65	cps
Zirconium	90-1	56080	56424	55571	56025	0.77	cps
Zirconium	91-1	12148	15295	12716	13387	12.53	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-01	Instrumnet Name :	P7
Client Sample ID :	MYCYZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:14:55	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12311870	12369978	12237829	12306559	0.54	cps
Antimony	121-1	3017	3044	2980	3014	1.06	cps
Arsenic	75-2	58163	57835	58210	58070	0.35	cps
Barium	135-1	1106745	1106545	1096484	1103258	0.53	cps
Barium	137-1	1979633	2001220	1974985	1985279	0.71	cps
Beryllium	9-1	2300	2250	2310	2287	1.41	cps
Bismuth	209-1	9770422	9717580	9731525	9739842	0.28	cps
Bismuth	209-2	8426591	8481327	8349587	8419168	0.79	cps
Bromine	81-1	14587	14901	14681	14723	1.09	cps
Bromine	81-2	520	563	547	543	4.02	cps
Cadmium	108-1	407	407	443	419	5.05	cps
Cadmium	106-1	4744	4661	4507	4637	2.59	cps
Cadmium	111-1	5799	5670	5627	5699	1.57	cps
Calcium	43-1	746683	747461	742322	745489	0.37	cps
Calcium	44-1	11538398	11706141	11710585	11651708	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	274255	273522	272750	273509	0.28	cps
Cobalt	59-2	360056	364141	361590	361929	0.57	cps
Copper	63-2	701784	703199	700082	701688	0.22	cps
Dysprosium	156-1	134927	135718	135705	135450	0.33	cps
Dysprosium	156-2	120064	118901	120068	119678	0.56	cps
Erbium	164-1	115263	116662	116571	116165	0.67	cps
Erbium	164-2	87277	87012	86314	86868	0.57	cps
Gadolinium	160-1	130747	132617	132018	131794	0.72	cps
Gadolinium	160-2	102515	101182	101847	101848	0.65	cps
Holmium	165-1	16185764	16166434	16101906	16151368	0.27	cps
Holmium	165-2	11999339	12035920	11843460	11959573	0.85	cps
Indium	115-1	13129456	13108035	12795247	13010913	1.44	cps
Indium	115-2	4930319	4909599	4878632	4906183	0.53	cps
Iron	56-2	530731032	521730366	517037232	523166210	1.33	cps
Iron	57-2	13186335	12979694	12894789	13020273	1.15	cps
Iron	54-2	28551361	28719846	28364806	28545338	0.62	cps
Krypton	83-1	447	383	370	400	10.24	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-01	Instrumnet Name :	P7
Client Sample ID :	MYCYZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:14:55	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	476549	478186	476881	477205	0.18	cps
Lead	207-1	416709	416121	412824	415218	0.50	cps
Lead	208-1	1882790	1887315	1878273	1882793	0.24	cps
Lithium	6-1	1640956	1669263	1655784	1655334	0.86	cps
Magnesium	24-2	8853446	8907385	8910600	8890477	0.36	cps
Manganese	55-2	8100012	8128072	7915479	8047854	1.44	cps
Molybdenum	94-1	104613	105345	105073	105011	0.35	cps
Molybdenum	95-1	6945	6935	6922	6934	0.17	cps
Molybdenum	96-1	29630	29233	28862	29241	1.31	cps
Molybdenum	97-1	4401	4194	4271	4288	2.44	cps
Molybdenum	98-1	10984	10677	11418	11026	3.37	cps
Neodymium	150-1	225437	229573	227653	227554	0.91	cps
Neodymium	150-2	144717	145168	143049	144311	0.77	cps
Nickel	60-2	108207	108824	107944	108325	0.42	cps
Phosphorus	31-2	45832	46012	45287	45710	0.83	cps
Potassium	39-2	5224027	5254288	5210044	5229453	0.43	cps
Rhodium	103-1	12070451	12054397	11989744	12038198	0.35	cps
Rhodium	103-2	7269104	7365444	7407008	7347185	0.96	cps
Scandium	45-1	7517123	7421128	7431806	7456686	0.71	cps
Scandium	45-2	650553	651119	645985	649219	0.43	cps
Selenium	82-1	443	450	512	468	8.16	cps
Selenium	77-2	360	420	363	381	8.85	cps
Selenium	78-2	800	863	770	811	5.87	cps
Silicon	28-1	19888118	19782847	19784008	19818324	0.30	cps
Silver	107-1	4192	4336	4197	4242	1.94	cps
Silver	109-1	3701	3771	3504	3658	3.78	cps
Sodium	23-2	183620	183269	183469	183453	0.10	cps
Strontium	86-1	289985	288354	290780	289706	0.43	cps
Strontium	88-1	2611364	2625120	2620087	2618857	0.27	cps
Sulfur	34-1	184833	183561	181699	183365	0.86	cps
Terbium	159-1	16348401	16560563	16280654	16396539	0.89	cps
Terbium	159-2	11839781	11839293	11796199	11825091	0.21	cps
Thallium	203-1	4201	3884	3904	3996	4.44	cps
Thallium	205-1	9330	9694	9473	9499	1.93	cps
Tin	118-1	6778	6985	6755	6839	1.85	cps
Titanium	47-1	989902	1003764	994202	995956	0.71	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-01	Instrumnet Name :	P7
Client Sample ID :	MYCYZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:14:55	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41424	41147	41167	41246	0.38	cps
Vanadium	51-2	824345	825389	816375	822036	0.60	cps
Yttrium	89-1	17129783	17102852	17101369	17111334	0.09	cps
Yttrium	89-2	4646494	4637821	4669333	4651216	0.35	cps
Zinc	66-2	274283	274170	271160	273204	0.65	cps
Zirconium	90-1	275805	277475	277206	276829	0.32	cps
Zirconium	91-1	60805	61043	61247	61032	0.36	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ00	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:18:04	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13165610	13021899	13068173	13085227	0.56	cps
Antimony	121-1	2044	2094	1973	2037	2.96	cps
Arsenic	75-2	51372	51449	51225	51348	0.22	cps
Barium	135-1	1235936	1224466	1218717	1226373	0.71	cps
Barium	137-1	2203035	2193726	2180159	2192307	0.52	cps
Beryllium	9-1	2414	2280	2457	2384	3.86	cps
Bismuth	209-1	9896189	9731254	9650753	9759399	1.28	cps
Bismuth	209-2	8367132	8375207	8340929	8361089	0.21	cps
Bromine	81-1	14878	14667	14694	14746	0.78	cps
Bromine	81-2	563	510	573	549	6.20	cps
Cadmium	108-1	377	303	333	338	10.92	cps
Cadmium	106-1	4874	4561	4901	4779	3.96	cps
Cadmium	111-1	5416	5214	5359	5329	1.95	cps
Calcium	43-1	778505	774578	764503	772529	0.93	cps
Calcium	44-1	12118594	11880853	11883285	11960911	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	297863	297058	294094	296338	0.67	cps
Cobalt	59-2	392950	391704	391183	391946	0.23	cps
Copper	63-2	646650	646130	646354	646378	0.04	cps
Dysprosium	156-1	140747	140727	139420	140298	0.54	cps
Dysprosium	156-2	121651	124032	123608	123097	1.03	cps
Erbium	164-1	121597	120222	120003	120607	0.72	cps
Erbium	164-2	89464	88206	89122	88931	0.73	cps
Gadolinium	160-1	136473	136050	133997	135507	0.98	cps
Gadolinium	160-2	104624	104398	104949	104657	0.26	cps
Holmium	165-1	16207400	16139956	16102688	16150015	0.33	cps
Holmium	165-2	11809357	11829106	11780534	11806332	0.21	cps
Indium	115-1	13202166	13084407	12901634	13062736	1.16	cps
Indium	115-2	4845344	4831344	4847155	4841281	0.18	cps
Iron	56-2	545340459	541944325	540234525	542506436	0.48	cps
Iron	57-2	13446200	13481530	13427217	13451649	0.20	cps
Iron	54-2	29103592	29373595	29282575	29253254	0.47	cps
Krypton	83-1	413	380	403	399	4.29	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ00	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:18:04	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	465368	459302	460884	461851	0.68	cps
Lead	207-1	395457	393401	390415	393091	0.64	cps
Lead	208-1	1804383	1794784	1792817	1797328	0.34	cps
Lithium	6-1	1658538	1654327	1673484	1662116	0.61	cps
Magnesium	24-2	9493972	9436494	9496185	9475550	0.36	cps
Manganese	55-2	8843713	8769438	8744737	8785963	0.59	cps
Molybdenum	94-1	98824	98961	98149	98645	0.44	cps
Molybdenum	95-1	6028	5798	5888	5905	1.96	cps
Molybdenum	96-1	28294	28097	27322	27904	1.84	cps
Molybdenum	97-1	3811	3544	3600	3652	3.85	cps
Molybdenum	98-1	9363	9170	8939	9157	2.32	cps
Neodymium	150-1	232495	232151	231704	232116	0.17	cps
Neodymium	150-2	145966	144242	146845	145684	0.91	cps
Nickel	60-2	113219	113334	112054	112869	0.63	cps
Phosphorus	31-2	48303	49403	48189	48631	1.38	cps
Potassium	39-2	5601849	5519544	5535403	5552265	0.79	cps
Rhodium	103-1	12193476	11899299	11847682	11980153	1.56	cps
Rhodium	103-2	7289895	7206082	7308177	7268051	0.75	cps
Scandium	45-1	7613106	7409440	7342201	7454915	1.89	cps
Scandium	45-2	650666	641446	641910	644674	0.81	cps
Selenium	82-1	509	525	471	502	5.57	cps
Selenium	77-2	403	390	390	394	1.95	cps
Selenium	78-2	820	743	863	809	7.51	cps
Silicon	28-1	18708275	18420784	18401480	18510180	0.93	cps
Silver	107-1	3103	3234	3059	3132	2.90	cps
Silver	109-1	2410	2280	2360	2350	2.79	cps
Sodium	23-2	164117	164073	163282	163824	0.29	cps
Strontium	86-1	311097	310101	305773	308990	0.92	cps
Strontium	88-1	2767456	2748500	2728336	2748097	0.71	cps
Sulfur	34-1	177902	176894	176921	177239	0.32	cps
Terbium	159-1	16783634	16170827	16253934	16402798	2.03	cps
Terbium	159-2	11661906	11814545	11636276	11704242	0.82	cps
Thallium	203-1	3891	4057	3824	3924	3.06	cps
Thallium	205-1	9924	9610	9620	9718	1.83	cps
Tin	118-1	6598	6685	6415	6566	2.10	cps
Titanium	47-1	971848	962089	948658	960865	1.21	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ00	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:18:04	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50281	50017	49070	49789	1.28	cps
Vanadium	51-2	811129	801854	804205	805729	0.60	cps
Yttrium	89-1	17437956	17062015	16948521	17149497	1.49	cps
Yttrium	89-2	4679016	4574423	4596577	4616672	1.19	cps
Zinc	66-2	272022	270070	268886	270326	0.59	cps
Zirconium	90-1	260031	261119	256222	259124	0.99	cps
Zirconium	91-1	57579	57013	56518	57037	0.93	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ01	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:21:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12108226	11957748	11863252	11976409	1.03	cps
Antimony	121-1	10724	11004	11278	11002	2.52	cps
Arsenic	75-2	240958	238807	239119	239628	0.49	cps
Barium	135-1	1068889	1078009	1064808	1070569	0.63	cps
Barium	137-1	1953613	1921465	1883350	1919476	1.83	cps
Beryllium	9-1	2160	2390	2114	2221	6.67	cps
Bismuth	209-1	9877229	9712669	9768154	9786017	0.86	cps
Bismuth	209-2	8401700	8497394	8334936	8411343	0.97	cps
Bromine	81-1	15108	14327	14587	14674	2.71	cps
Bromine	81-2	530	483	557	523	7.09	cps
Cadmium	108-1	1337	1410	1260	1336	5.62	cps
Cadmium	106-1	5988	6111	6111	6070	1.17	cps
Cadmium	111-1	17461	17429	17102	17331	1.15	cps
Calcium	43-1	611379	608261	605389	608343	0.49	cps
Calcium	44-1	9413536	9390302	9386061	9396633	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	277085	272386	272581	274018	0.97	cps
Cobalt	59-2	396036	392485	388684	392402	0.94	cps
Copper	63-2	1136874	1132928	1121838	1130547	0.69	cps
Dysprosium	156-1	133204	133824	131687	132905	0.83	cps
Dysprosium	156-2	116084	116145	116744	116324	0.31	cps
Erbium	164-1	114333	115102	112965	114133	0.95	cps
Erbium	164-2	83645	85093	84225	84321	0.86	cps
Gadolinium	160-1	129660	129341	128825	129275	0.33	cps
Gadolinium	160-2	99865	99440	99527	99611	0.23	cps
Holmium	165-1	16130310	16229361	15830887	16063519	1.29	cps
Holmium	165-2	11946153	11921790	11832861	11900268	0.50	cps
Indium	115-1	13207954	12870733	12930972	13003220	1.38	cps
Indium	115-2	4869571	4826405	4823952	4839976	0.53	cps
Iron	56-2	572816245	573527898	573256831	573200325	0.06	cps
Iron	57-2	14346567	14140922	14103845	14197111	0.92	cps
Iron	54-2	31532303	31096438	31218976	31282572	0.72	cps
Krypton	83-1	357	383	427	389	9.08	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ01	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:21:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3082109	3011233	2963606	3018983	1.98	cps
Lead	207-1	2905367	2859951	2810797	2858705	1.65	cps
Lead	208-1	12623702	12426966	12362793	12471154	1.09	cps
Lithium	6-1	1698865	1671898	1682923	1684562	0.80	cps
Magnesium	24-2	9406980	9268834	9214466	9296760	1.07	cps
Manganese	55-2	8082383	8003977	8037206	8041189	0.49	cps
Molybdenum	94-1	118773	118638	117107	118173	0.78	cps
Molybdenum	95-1	9667	9487	9480	9544	1.11	cps
Molybdenum	96-1	35162	35513	34400	35025	1.62	cps
Molybdenum	97-1	6145	6005	5958	6036	1.61	cps
Molybdenum	98-1	14831	14878	14934	14881	0.35	cps
Neodymium	150-1	219407	218977	218026	218804	0.32	cps
Neodymium	150-2	138549	137277	136887	137571	0.63	cps
Nickel	60-2	106763	106971	106458	106730	0.24	cps
Phosphorus	31-2	61925	60268	61168	61120	1.36	cps
Potassium	39-2	5832189	5787959	5770804	5796984	0.55	cps
Rhodium	103-1	12071346	11951882	11872631	11965286	0.84	cps
Rhodium	103-2	7277701	7242401	7201170	7240424	0.53	cps
Scandium	45-1	7412117	7400050	7438267	7416811	0.26	cps
Scandium	45-2	635515	642202	631756	636491	0.83	cps
Selenium	82-1	911	829	890	876	4.88	cps
Selenium	77-2	450	417	403	423	5.68	cps
Selenium	78-2	867	963	893	908	5.50	cps
Silicon	28-1	17940739	18008292	17822591	17923874	0.52	cps
Silver	107-1	22865	23281	22807	22984	1.13	cps
Silver	109-1	21606	21713	21810	21710	0.47	cps
Sodium	23-2	151688	149419	149275	150128	0.90	cps
Strontium	86-1	257812	256022	255876	256570	0.42	cps
Strontium	88-1	2307133	2270580	2256019	2277911	1.16	cps
Sulfur	34-1	240399	239119	237635	239051	0.58	cps
Terbium	159-1	16750811	16536829	16462678	16583439	0.90	cps
Terbium	159-2	11788050	11604486	11534692	11642409	1.12	cps
Thallium	203-1	5418	5448	5484	5450	0.61	cps
Thallium	205-1	13100	12729	12756	12862	1.61	cps
Tin	118-1	11802	11842	11521	11722	1.49	cps
Titanium	47-1	844754	839356	832592	838901	0.73	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ01	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:21:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40906	40802	39883	40531	1.39	cps
Vanadium	51-2	784731	782182	777543	781486	0.47	cps
Yttrium	89-1	17193051	17039616	16765531	16999399	1.27	cps
Yttrium	89-2	4623198	4558985	4526805	4569662	1.07	cps
Zinc	66-2	1180441	1173144	1174172	1175919	0.34	cps
Zirconium	90-1	309528	309976	309506	309670	0.09	cps
Zirconium	91-1	69011	69011	68291	68771	0.60	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:24:16	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12723829	12702339	12655098	12693755	0.28	cps
Antimony	121-1	4948	5184	4818	4983	3.73	cps
Arsenic	75-2	100672	101544	101856	101357	0.61	cps
Barium	135-1	1264956	1265803	1261955	1264238	0.16	cps
Barium	137-1	2266860	2314121	2279909	2286963	1.07	cps
Beryllium	9-1	2437	2354	2377	2389	1.80	cps
Bismuth	209-1	9686092	9640326	9585133	9637184	0.52	cps
Bismuth	209-2	8452149	8239117	8267962	8319743	1.39	cps
Bromine	81-1	14517	15428	15478	15141	3.57	cps
Bromine	81-2	683	643	607	644	5.95	cps
Cadmium	108-1	560	620	647	609	7.29	cps
Cadmium	106-1	5254	5068	4881	5068	3.68	cps
Cadmium	111-1	8146	8085	7550	7927	4.13	cps
Calcium	43-1	653746	657619	653251	654872	0.37	cps
Calcium	44-1	10163054	10176211	10095096	10144787	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	301255	298831	299198	299761	0.44	cps
Cobalt	59-2	365827	365506	360770	364034	0.78	cps
Copper	63-2	875931	870874	871831	872878	0.31	cps
Dysprosium	156-1	139593	139551	138656	139267	0.38	cps
Dysprosium	156-2	120773	120448	119899	120373	0.37	cps
Erbium	164-1	119435	119751	118080	119089	0.75	cps
Erbium	164-2	88478	87706	89045	88410	0.76	cps
Gadolinium	160-1	135360	136702	134394	135485	0.86	cps
Gadolinium	160-2	104801	104405	103106	104104	0.85	cps
Holmium	165-1	16031716	15933160	15621823	15862233	1.35	cps
Holmium	165-2	11984508	11774014	11709714	11822745	1.22	cps
Indium	115-1	12962641	12995258	12788716	12915538	0.86	cps
Indium	115-2	4834294	4892717	4749389	4825467	1.49	cps
Iron	56-2	548666832	543686552	542988472	545113952	0.57	cps
Iron	57-2	13458698	13265551	13339031	13354426	0.73	cps
Iron	54-2	29529210	29499910	29435285	29488135	0.16	cps
Krypton	83-1	463	380	420	421	9.90	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:24:16	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	826924	828925	824682	826844	0.26	cps
Lead	207-1	738669	740274	738322	739089	0.14	cps
Lead	208-1	3288145	3409311	3298585	3332014	2.02	cps
Lithium	6-1	1675509	1686309	1662641	1674820	0.71	cps
Magnesium	24-2	9251566	9164900	9282459	9232975	0.66	cps
Manganese	55-2	8938169	8828328	8770429	8845642	0.96	cps
Molybdenum	94-1	124900	124668	125065	124878	0.16	cps
Molybdenum	95-1	7579	7259	7435	7424	2.16	cps
Molybdenum	96-1	33208	33311	33385	33301	0.27	cps
Molybdenum	97-1	4631	4624	4587	4614	0.51	cps
Molybdenum	98-1	11124	11274	11281	11227	0.79	cps
Neodymium	150-1	229577	227807	229850	229078	0.48	cps
Neodymium	150-2	142683	142721	142225	142543	0.19	cps
Nickel	60-2	113116	110788	111178	111694	1.12	cps
Phosphorus	31-2	52687	52065	51346	52032	1.29	cps
Potassium	39-2	6165335	6166334	6101319	6144329	0.61	cps
Rhodium	103-1	11868614	11741587	11678776	11762992	0.82	cps
Rhodium	103-2	7215574	7221118	7214890	7217194	0.05	cps
Scandium	45-1	7370719	7319092	7321964	7337258	0.40	cps
Scandium	45-2	635141	637125	628683	633650	0.70	cps
Selenium	82-1	559	562	583	568	2.37	cps
Selenium	77-2	477	440	487	468	5.25	cps
Selenium	78-2	780	767	783	777	1.14	cps
Silicon	28-1	22817570	23019938	22706460	22847990	0.70	cps
Silver	107-1	7921	7965	7982	7956	0.40	cps
Silver	109-1	7102	7442	7038	7194	3.02	cps
Sodium	23-2	141244	142771	141721	141912	0.55	cps
Strontium	86-1	265493	265633	263511	264879	0.45	cps
Strontium	88-1	2367221	2344206	2370173	2360533	0.60	cps
Sulfur	34-1	214155	216258	215893	215436	0.52	cps
Terbium	159-1	16426382	16080529	16199931	16235614	1.08	cps
Terbium	159-2	11681434	11518600	11660573	11620202	0.76	cps
Thallium	203-1	4684	4714	4404	4601	3.72	cps
Thallium	205-1	11241	11025	11088	11118	1.00	cps
Tin	118-1	10324	10220	10030	10191	1.46	cps
Titanium	47-1	980207	990647	978698	983184	0.66	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:24:16	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41484	41999	41204	41563	0.97	cps
Vanadium	51-2	849218	846316	841017	845517	0.49	cps
Yttrium	89-1	16793065	16924051	16953949	16890355	0.51	cps
Yttrium	89-2	4648450	4443224	4537499	4543058	2.26	cps
Zinc	66-2	445112	445637	443023	444591	0.31	cps
Zirconium	90-1	330905	332467	328254	330542	0.64	cps
Zirconium	91-1	74049	73784	73235	73689	0.56	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:27:22	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14854569	14791504	14762715	14802929	0.32	cps
Antimony	121-1	2747	2680	2787	2738	1.97	cps
Arsenic	75-2	88300	86772	88592	87888	1.11	cps
Barium	135-1	1300543	1298422	1300872	1299946	0.10	cps
Barium	137-1	2352195	2370597	2309997	2344263	1.33	cps
Beryllium	9-1	2600	2490	2547	2546	2.16	cps
Bismuth	209-1	9661763	9628776	9432623	9574387	1.29	cps
Bismuth	209-2	8374811	8409796	8296995	8360534	0.69	cps
Bromine	81-1	14974	14911	15238	15041	1.15	cps
Bromine	81-2	523	590	590	568	6.78	cps
Cadmium	108-1	653	680	773	702	8.97	cps
Cadmium	106-1	5708	5288	5301	5432	4.40	cps
Cadmium	111-1	8079	7926	7648	7884	2.77	cps
Calcium	43-1	749627	738630	735583	741280	1.00	cps
Calcium	44-1	11555594	11450394	11313247	11439745	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	365226	365493	365636	365452	0.06	cps
Cobalt	59-2	428496	426183	425714	426798	0.35	cps
Copper	63-2	823620	821358	825237	823405	0.24	cps
Dysprosium	156-1	154624	155136	153414	154391	0.57	cps
Dysprosium	156-2	133790	134786	135005	134527	0.48	cps
Erbium	164-1	133406	132074	132702	132727	0.50	cps
Erbium	164-2	98373	97262	96980	97538	0.76	cps
Gadolinium	160-1	148736	150175	148972	149294	0.52	cps
Gadolinium	160-2	114603	115168	114409	114727	0.34	cps
Holmium	165-1	16210813	15949592	15638656	15933020	1.80	cps
Holmium	165-2	11830516	11813875	11720790	11788394	0.50	cps
Indium	115-1	12873661	13060319	12843241	12925740	0.91	cps
Indium	115-2	4743253	4879725	4681184	4768054	2.13	cps
Iron	56-2	625077484	620765657	623965804	623269648	0.36	cps
Iron	57-2	15472405	15443730	15428457	15448197	0.14	cps
Iron	54-2	33895706	33483799	33887489	33755664	0.70	cps
Krypton	83-1	373	370	360	368	1.89	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:27:22	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	827806	818054	819409	821756	0.64	cps
Lead	207-1	747044	736452	743698	742398	0.73	cps
Lead	208-1	3436081	3390774	3408626	3411827	0.67	cps
Lithium	6-1	1682494	1701833	1683319	1689216	0.65	cps
Magnesium	24-2	10918844	10960160	10870787	10916597	0.41	cps
Manganese	55-2	9331439	9321859	9325310	9326203	0.05	cps
Molybdenum	94-1	146100	145942	145046	145696	0.39	cps
Molybdenum	95-1	8679	8012	7839	8177	5.43	cps
Molybdenum	96-1	38728	37962	37933	38208	1.18	cps
Molybdenum	97-1	5281	5201	5154	5212	1.23	cps
Molybdenum	98-1	12906	13106	13133	13048	0.95	cps
Neodymium	150-1	257226	255291	253284	255267	0.77	cps
Neodymium	150-2	160491	161977	158226	160232	1.18	cps
Nickel	60-2	129191	131207	129049	129816	0.93	cps
Phosphorus	31-2	58689	58297	58361	58449	0.36	cps
Potassium	39-2	6822261	6722909	6754803	6766658	0.75	cps
Rhodium	103-1	12008517	11758799	11649266	11805527	1.56	cps
Rhodium	103-2	7121129	7139902	7093338	7118123	0.33	cps
Scandium	45-1	7461726	7375246	7291162	7376045	1.16	cps
Scandium	45-2	633469	642782	637937	638063	0.73	cps
Selenium	82-1	610	582	540	577	6.08	cps
Selenium	77-2	393	440	440	424	6.35	cps
Selenium	78-2	740	850	780	790	7.05	cps
Silicon	28-1	15896824	15655034	15720214	15757357	0.79	cps
Silver	107-1	7193	7262	6959	7138	2.23	cps
Silver	109-1	6018	6328	6161	6169	2.52	cps
Sodium	23-2	184427	186855	186116	185799	0.67	cps
Strontium	86-1	313767	312961	313032	313253	0.14	cps
Strontium	88-1	2863274	2803086	2812530	2826297	1.15	cps
Sulfur	34-1	207777	208543	208789	208369	0.25	cps
Terbium	159-1	16454961	16338769	16204945	16332892	0.77	cps
Terbium	159-2	11544512	11600280	11615339	11586711	0.32	cps
Thallium	203-1	5014	4931	4848	4931	1.69	cps
Thallium	205-1	11422	11392	11812	11542	2.03	cps
Tin	118-1	11561	11308	11455	11441	1.11	cps
Titanium	47-1	1160466	1161752	1148531	1156916	0.63	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:27:22	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45173	45006	43815	44665	1.66	cps
Vanadium	51-2	973814	970548	965330	969897	0.44	cps
Yttrium	89-1	17328585	17059227	16978630	17122148	1.07	cps
Yttrium	89-2	4564397	4609619	4559979	4577998	0.60	cps
Zinc	66-2	469974	469282	469026	469427	0.10	cps
Zirconium	90-1	379969	384030	379070	381023	0.69	cps
Zirconium	91-1	86798	84236	84048	85027	1.81	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:30:29	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8716310	8763333	8675769	8718470	0.50	cps
Antimony	121-1	1483	1170	1180	1278	13.94	cps
Arsenic	75-2	38750	38142	37818	38237	1.24	cps
Barium	135-1	922058	927813	913581	921150	0.78	cps
Barium	137-1	1676017	1658084	1652312	1662138	0.74	cps
Beryllium	9-1	2043	2097	1947	2029	3.75	cps
Bismuth	209-1	9673480	9572708	9617995	9621394	0.52	cps
Bismuth	209-2	8332272	8353687	8366632	8350863	0.21	cps
Bromine	81-1	14053	14454	14994	14501	3.26	cps
Bromine	81-2	433	430	420	428	1.62	cps
Cadmium	108-1	390	410	380	393	3.88	cps
Cadmium	106-1	5001	4778	4727	4835	3.01	cps
Cadmium	111-1	4955	4888	4731	4858	2.37	cps
Calcium	43-1	1598420	1595001	1586583	1593334	0.38	cps
Calcium	44-1	25905303	25420489	25262107	25529300	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	252118	248841	247277	249412	0.99	cps
Cobalt	59-2	275309	274173	273085	274189	0.41	cps
Copper	63-2	426513	420924	417633	421690	1.06	cps
Dysprosium	156-1	109667	109838	109751	109752	0.08	cps
Dysprosium	156-2	95948	96260	96388	96199	0.24	cps
Erbium	164-1	91131	91883	91205	91406	0.45	cps
Erbium	164-2	67244	65623	67150	66672	1.36	cps
Gadolinium	160-1	103038	102125	102005	102389	0.55	cps
Gadolinium	160-2	80546	79001	77074	78874	2.21	cps
Holmium	165-1	16031296	16108349	15863371	16001005	0.78	cps
Holmium	165-2	11843327	11802208	11840010	11828515	0.19	cps
Indium	115-1	13235246	13170886	12953999	13120044	1.12	cps
Indium	115-2	4884995	4882766	4773672	4847145	1.31	cps
Iron	56-2	395644954	392978394	389788861	392804070	0.75	cps
Iron	57-2	9722952	9758925	9683973	9721950	0.39	cps
Iron	54-2	21288189	21257642	21166653	21237495	0.30	cps
Krypton	83-1	370	267	387	341	19.06	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:30:29	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	353379	349748	353308	352145	0.59	cps
Lead	207-1	300995	299653	299266	299972	0.30	cps
Lead	208-1	1379613	1373321	1375119	1376017	0.24	cps
Lithium	6-1	1723186	1657531	1666509	1682409	2.12	cps
Magnesium	24-2	6267633	6215985	6276443	6253354	0.52	cps
Manganese	55-2	6309044	6222435	6121463	6217647	1.51	cps
Molybdenum	94-1	105691	107165	107182	106679	0.80	cps
Molybdenum	95-1	5474	5404	5324	5401	1.39	cps
Molybdenum	96-1	27015	27165	26791	26991	0.70	cps
Molybdenum	97-1	3237	3347	3210	3265	2.22	cps
Molybdenum	98-1	8382	8346	8076	8268	2.03	cps
Neodymium	150-1	184727	185412	184328	184822	0.30	cps
Neodymium	150-2	116779	115169	114863	115603	0.89	cps
Nickel	60-2	90819	90799	89850	90490	0.61	cps
Phosphorus	31-2	35728	35665	35307	35567	0.64	cps
Potassium	39-2	3913212	3860290	3878552	3884018	0.69	cps
Rhodium	103-1	12065082	12045046	12073451	12061193	0.12	cps
Rhodium	103-2	7382620	7353759	7168641	7301673	1.59	cps
Scandium	45-1	7428681	7332853	7283706	7348414	1.00	cps
Scandium	45-2	645133	638819	632667	638873	0.98	cps
Selenium	82-1	382	485	285	384	26.06	cps
Selenium	77-2	257	303	257	272	9.90	cps
Selenium	78-2	663	693	667	674	2.44	cps
Silicon	28-1	10652402	10621498	10485311	10586403	0.84	cps
Silver	107-1	1914	2004	1959	1959	2.30	cps
Silver	109-1	1383	1290	1370	1348	3.75	cps
Sodium	23-2	122136	121971	120997	121702	0.51	cps
Strontium	86-1	261535	264054	262966	262852	0.48	cps
Strontium	88-1	2384147	2327296	2304398	2338614	1.76	cps
Sulfur	34-1	188876	197509	198147	194844	2.66	cps
Terbium	159-1	16511330	16504119	16149459	16388303	1.26	cps
Terbium	159-2	11717786	11477028	11595961	11596925	1.04	cps
Thallium	203-1	3214	3504	3254	3324	4.73	cps
Thallium	205-1	8243	7849	8336	8143	3.17	cps
Tin	118-1	6812	7108	7002	6974	2.16	cps
Titanium	47-1	812990	809817	802448	808418	0.67	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:30:29	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38452	38459	38586	38499	0.20	cps
Vanadium	51-2	631798	629544	626132	629158	0.45	cps
Yttrium	89-1	16714310	16566875	16487924	16589703	0.69	cps
Yttrium	89-2	4554469	4443240	4481143	4492951	1.26	cps
Zinc	66-2	194847	193084	193034	193655	0.53	cps
Zirconium	90-1	283668	284015	283240	283641	0.14	cps
Zirconium	91-1	62442	64032	62847	63107	1.31	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:33:35	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13649117	13622834	13651582	13641178	0.12	cps
Antimony	121-1	2444	2507	2290	2414	4.62	cps
Arsenic	75-2	109124	109758	107741	108874	0.95	cps
Barium	135-1	1303811	1300060	1285187	1296353	0.76	cps
Barium	137-1	2346000	2358124	2303342	2335822	1.23	cps
Beryllium	9-1	2484	2474	2410	2456	1.62	cps
Bismuth	209-1	9666820	9480365	9440718	9529301	1.27	cps
Bismuth	209-2	8270834	8191686	8295559	8252693	0.66	cps
Bromine	81-1	14531	14554	14938	14674	1.56	cps
Bromine	81-2	570	507	590	556	7.83	cps
Cadmium	108-1	757	687	780	741	6.55	cps
Cadmium	106-1	5594	5384	5294	5424	2.84	cps
Cadmium	111-1	9535	9590	9541	9555	0.32	cps
Calcium	43-1	758585	751295	745271	751717	0.89	cps
Calcium	44-1	11781853	11579463	11702804	11688040	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	311223	310059	308307	309863	0.47	cps
Cobalt	59-2	391274	383342	384737	386451	1.10	cps
Copper	63-2	798052	794289	787703	793348	0.66	cps
Dysprosium	156-1	135577	139084	136973	137212	1.29	cps
Dysprosium	156-2	120377	120663	120891	120644	0.21	cps
Erbium	164-1	117845	117701	116863	117469	0.45	cps
Erbium	164-2	85271	86482	86760	86171	0.92	cps
Gadolinium	160-1	133135	134841	132230	133402	0.99	cps
Gadolinium	160-2	102706	104063	102515	103094	0.82	cps
Holmium	165-1	16084368	15531903	15712944	15776405	1.79	cps
Holmium	165-2	11717873	11614190	11543981	11625348	0.75	cps
Indium	115-1	13187184	12800304	12746331	12911273	1.86	cps
Indium	115-2	4744990	4700215	4732514	4725906	0.49	cps
Iron	56-2	515193139	512440486	509087392	512240339	0.60	cps
Iron	57-2	12697962	12543013	12604870	12615282	0.62	cps
Iron	54-2	28178202	27999174	27537172	27904849	1.19	cps
Krypton	83-1	413	437	367	406	8.79	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:33:35	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1070075	1071241	1069809	1070375	0.07	cps
Lead	207-1	982959	986325	973549	980945	0.68	cps
Lead	208-1	4537094	4514417	4445877	4499129	1.06	cps
Lithium	6-1	1705647	1642145	1647042	1664945	2.12	cps
Magnesium	24-2	9724224	9653251	9706826	9694767	0.38	cps
Manganese	55-2	8546059	8476041	8397758	8473286	0.88	cps
Molybdenum	94-1	132604	134235	131904	132914	0.90	cps
Molybdenum	95-1	6331	6261	6195	6263	1.09	cps
Molybdenum	96-1	33973	33261	33194	33476	1.29	cps
Molybdenum	97-1	3687	3974	3814	3825	3.76	cps
Molybdenum	98-1	9703	9847	9657	9736	1.02	cps
Neodymium	150-1	226589	229006	226637	227411	0.61	cps
Neodymium	150-2	143741	142016	142781	142846	0.60	cps
Nickel	60-2	117072	117261	114923	116419	1.12	cps
Phosphorus	31-2	48075	48122	48537	48245	0.53	cps
Potassium	39-2	5762585	5699500	5738695	5733593	0.56	cps
Rhodium	103-1	12070136	11799398	11557488	11809007	2.17	cps
Rhodium	103-2	7132850	7137095	7097268	7122404	0.31	cps
Scandium	45-1	7552999	7300173	7397991	7417054	1.72	cps
Scandium	45-2	636136	635200	631032	634123	0.43	cps
Selenium	82-1	586	502	557	549	7.76	cps
Selenium	77-2	383	367	407	386	5.21	cps
Selenium	78-2	833	863	820	839	2.65	cps
Silicon	28-1	15609385	16080418	15416538	15702114	2.17	cps
Silver	107-1	9043	9348	9299	9230	1.77	cps
Silver	109-1	8419	8523	8459	8467	0.62	cps
Sodium	23-2	156873	157213	157432	157172	0.18	cps
Strontium	86-1	293993	295239	289771	293001	0.98	cps
Strontium	88-1	2644663	2610039	2587225	2613975	1.11	cps
Sulfur	34-1	264336	259691	255875	259967	1.63	cps
Terbium	159-1	16471841	16199537	15967491	16212957	1.56	cps
Terbium	159-2	11539781	11450853	11311133	11433922	1.01	cps
Thallium	203-1	4424	4588	4401	4471	2.28	cps
Thallium	205-1	10201	10608	10634	10481	2.32	cps
Tin	118-1	10571	10380	10434	10462	0.94	cps
Titanium	47-1	680826	677577	675792	678065	0.38	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:33:35	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40047	40160	39579	39929	0.77	cps
Vanadium	51-2	739882	742467	737232	739860	0.35	cps
Yttrium	89-1	17158507	16897887	16690591	16915661	1.39	cps
Yttrium	89-2	4496287	4540254	4444056	4493532	1.07	cps
Zinc	66-2	538555	538831	535837	537741	0.31	cps
Zirconium	90-1	354649	353710	350976	353112	0.54	cps
Zirconium	91-1	78281	78686	77945	78304	0.47	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:36:42	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6854144	6878234	6724323	6818900	1.21	cps
Antimony	121-1	1533	1550	1453	1512	3.42	cps
Arsenic	75-2	32496	30922	31771	31729	2.48	cps
Barium	135-1	762030	766410	767026	765155	0.36	cps
Barium	137-1	1320521	1332323	1323552	1325465	0.46	cps
Beryllium	9-1	1707	1630	1653	1663	2.36	cps
Bismuth	209-1	9740494	9519658	9430437	9563530	1.67	cps
Bismuth	209-2	8362178	8338806	8326194	8342393	0.22	cps
Bromine	81-1	13379	13193	13613	13395	1.57	cps
Bromine	81-2	283	293	300	292	2.87	cps
Cadmium	108-1	157	163	207	176	15.46	cps
Cadmium	106-1	4257	4057	4071	4128	2.71	cps
Cadmium	111-1	3898	3777	3714	3796	2.46	cps
Calcium	43-1	1156358	1152774	1152770	1153967	0.18	cps
Calcium	44-1	17865451	18044067	17803233	17904250	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	195173	192957	190800	192977	1.13	cps
Cobalt	59-2	286702	288147	288980	287943	0.40	cps
Copper	63-2	373372	368999	371959	371443	0.60	cps
Dysprosium	156-1	104656	106080	105341	105359	0.68	cps
Dysprosium	156-2	95408	95878	96217	95834	0.42	cps
Erbium	164-1	82397	81677	82257	82110	0.47	cps
Erbium	164-2	60192	60551	60252	60332	0.32	cps
Gadolinium	160-1	97281	96116	96117	96505	0.70	cps
Gadolinium	160-2	74477	74238	74617	74444	0.26	cps
Holmium	165-1	15960726	15692833	15547249	15733603	1.33	cps
Holmium	165-2	11700697	11786538	11637981	11708405	0.64	cps
Indium	115-1	13105029	12864582	12978640	12982750	0.93	cps
Indium	115-2	4884815	4845195	4803714	4844575	0.84	cps
Iron	56-2	374954354	378538461	374147394	375880070	0.62	cps
Iron	57-2	9192135	9193561	9281103	9222266	0.55	cps
Iron	54-2	20616916	20430024	20290856	20445932	0.80	cps
Krypton	83-1	343	323	337	334	3.04	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:36:42	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	282568	282525	281815	282302	0.15	cps
Lead	207-1	232714	232327	230571	231870	0.49	cps
Lead	208-1	1082189	1081109	1071235	1078178	0.56	cps
Lithium	6-1	1667356	1645992	1656384	1656577	0.64	cps
Magnesium	24-2	5993502	5928580	5995804	5972629	0.64	cps
Manganese	55-2	5610892	5598000	5550764	5586552	0.57	cps
Molybdenum	94-1	48838	48965	48062	48621	1.01	cps
Molybdenum	95-1	4774	4904	4878	4852	1.42	cps
Molybdenum	96-1	16096	16486	16312	16298	1.20	cps
Molybdenum	97-1	3220	2997	3017	3078	4.02	cps
Molybdenum	98-1	7342	7775	7629	7582	2.91	cps
Neodymium	150-1	183247	184277	184101	183875	0.30	cps
Neodymium	150-2	117494	115939	115767	116400	0.82	cps
Nickel	60-2	92630	92617	91470	92239	0.72	cps
Phosphorus	31-2	31459	30928	30885	31090	1.03	cps
Potassium	39-2	2702558	2751499	2678790	2710949	1.37	cps
Rhodium	103-1	11952514	11872631	11903159	11909435	0.34	cps
Rhodium	103-2	7313142	7320370	7206819	7280111	0.87	cps
Scandium	45-1	7258860	7292311	7195376	7248849	0.68	cps
Scandium	45-2	630372	629974	630372	630239	0.04	cps
Selenium	82-1	385	463	349	399	14.65	cps
Selenium	77-2	290	293	313	299	4.22	cps
Selenium	78-2	807	680	680	722	10.13	cps
Silicon	28-1	10693330	10655627	10734300	10694419	0.37	cps
Silver	107-1	927	970	883	926	4.69	cps
Silver	109-1	590	517	473	527	11.20	cps
Sodium	23-2	116160	116019	116271	116150	0.11	cps
Strontium	86-1	202019	201201	199799	201006	0.56	cps
Strontium	88-1	1806545	1797688	1809726	1804653	0.35	cps
Sulfur	34-1	172606	178439	179835	176960	2.17	cps
Terbium	159-1	16302717	16119397	16028254	16150123	0.87	cps
Terbium	159-2	11489533	11552944	11329102	11457193	1.01	cps
Thallium	203-1	2660	2590	2677	2643	1.74	cps
Thallium	205-1	6388	6155	6278	6274	1.86	cps
Tin	118-1	4214	4477	4337	4343	3.03	cps
Titanium	47-1	707880	705243	706143	706422	0.19	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:36:42	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32079	30779	31167	31341	2.13	cps
Vanadium	51-2	594447	596830	589545	593607	0.63	cps
Yttrium	89-1	16470449	16352421	16134285	16319052	1.05	cps
Yttrium	89-2	4439556	4500656	4425846	4455353	0.89	cps
Zinc	66-2	152522	149890	150223	150878	0.95	cps
Zirconium	90-1	124906	125609	124761	125092	0.36	cps
Zirconium	91-1	27452	28204	27846	27834	1.35	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:39:49	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13894282	13734842	13799405	13809510	0.58	cps
Antimony	121-1	3090	2967	2944	3000	2.63	cps
Arsenic	75-2	98316	95679	96088	96694	1.47	cps
Barium	135-1	1413389	1419664	1414041	1415698	0.24	cps
Barium	137-1	2567634	2592619	2530139	2563464	1.23	cps
Beryllium	9-1	2337	2154	2300	2264	4.29	cps
Bismuth	209-1	9930924	9760162	9646924	9779337	1.46	cps
Bismuth	209-2	8222987	8241177	8279575	8247913	0.35	cps
Bromine	81-1	14938	15231	15875	15348	3.12	cps
Bromine	81-2	727	677	607	670	9.00	cps
Cadmium	108-1	797	770	683	750	7.90	cps
Cadmium	106-1	5328	5221	5614	5388	3.78	cps
Cadmium	111-1	9103	9108	9627	9279	3.25	cps
Calcium	43-1	890893	890254	882343	887830	0.54	cps
Calcium	44-1	13892937	13869217	13731193	13831116	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	287873	284574	282586	285011	0.94	cps
Cobalt	59-2	347242	345183	342606	345010	0.67	cps
Copper	63-2	767718	771728	766745	768730	0.34	cps
Dysprosium	156-1	134033	134668	134867	134522	0.32	cps
Dysprosium	156-2	117829	119261	117853	118314	0.69	cps
Erbium	164-1	112945	115435	113912	114098	1.10	cps
Erbium	164-2	86667	84808	85228	85567	1.14	cps
Gadolinium	160-1	128695	129505	130020	129406	0.52	cps
Gadolinium	160-2	101803	100171	101672	101215	0.90	cps
Holmium	165-1	16489094	15879459	15664143	16010899	2.67	cps
Holmium	165-2	11844643	11748851	11783545	11792346	0.41	cps
Indium	115-1	13375706	12921706	12808353	13035255	2.30	cps
Indium	115-2	4768922	4789405	4748353	4768893	0.43	cps
Iron	56-2	490218966	480260180	482057153	484178766	1.10	cps
Iron	57-2	12000174	11957223	11974842	11977413	0.18	cps
Iron	54-2	26291807	26332517	26339531	26321285	0.10	cps
Krypton	83-1	420	417	423	420	0.79	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:39:49	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1112617	1135050	1125342	1124337	1.00	cps
Lead	207-1	1026156	1038182	1032316	1032218	0.58	cps
Lead	208-1	4728565	4748313	4765601	4747493	0.39	cps
Lithium	6-1	1688066	1665181	1656877	1670041	0.97	cps
Magnesium	24-2	9739645	9587132	9696559	9674445	0.81	cps
Manganese	55-2	9104113	8821008	8971738	8965620	1.58	cps
Molybdenum	94-1	151645	154690	152504	152947	1.03	cps
Molybdenum	95-1	6265	6208	6275	6249	0.58	cps
Molybdenum	96-1	36850	36352	36703	36635	0.70	cps
Molybdenum	97-1	3917	3924	3817	3886	1.54	cps
Molybdenum	98-1	9747	9833	9630	9737	1.05	cps
Neodymium	150-1	225501	228769	226466	226912	0.74	cps
Neodymium	150-2	142511	142774	141835	142373	0.34	cps
Nickel	60-2	108116	108008	106938	107687	0.61	cps
Phosphorus	31-2	49480	50597	49493	49856	1.29	cps
Potassium	39-2	6208579	6140379	6129460	6159473	0.70	cps
Rhodium	103-1	12265814	11862455	11754255	11960841	2.25	cps
Rhodium	103-2	7175186	7183011	7116901	7158366	0.50	cps
Scandium	45-1	7625087	7363376	7283987	7424150	2.40	cps
Scandium	45-2	639386	632173	632926	634828	0.62	cps
Selenium	82-1	594	568	531	564	5.56	cps
Selenium	77-2	423	373	420	406	6.89	cps
Selenium	78-2	953	820	787	853	10.33	cps
Silicon	28-1	17727427	17701176	17515861	17648155	0.65	cps
Silver	107-1	9555	9651	9696	9634	0.74	cps
Silver	109-1	8329	8769	8593	8564	2.59	cps
Sodium	23-2	139848	139751	139287	139629	0.21	cps
Strontium	86-1	361436	359883	358955	360091	0.35	cps
Strontium	88-1	3154254	3247992	3190202	3197483	1.48	cps
Sulfur	34-1	252947	250295	247817	250353	1.02	cps
Terbium	159-1	16753215	16434344	16212324	16466628	1.65	cps
Terbium	159-2	11497570	11448130	11603735	11516478	0.69	cps
Thallium	203-1	4234	4191	4167	4197	0.81	cps
Thallium	205-1	9730	10254	9854	9946	2.75	cps
Tin	118-1	9653	9934	9697	9761	1.55	cps
Titanium	47-1	514135	518160	513796	515364	0.47	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:39:49	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38221	38873	38696	38597	0.87	cps
Vanadium	51-2	702521	702123	700150	701598	0.18	cps
Yttrium	89-1	17300073	16744990	16594295	16879786	2.20	cps
Yttrium	89-2	4525729	4521490	4547899	4531706	0.31	cps
Zinc	66-2	534278	534131	529796	532735	0.48	cps
Zirconium	90-1	408317	411806	404356	408160	0.91	cps
Zirconium	91-1	90879	90735	90691	90768	0.11	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:42:56	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12541742	12548360	12501310	12530471	0.20	cps
Antimony	121-1	3034	3047	2960	3014	1.55	cps
Arsenic	75-2	116251	115831	116099	116060	0.18	cps
Barium	135-1	1245389	1255376	1245017	1248594	0.47	cps
Barium	137-1	2222807	2259126	2245950	2242628	0.82	cps
Beryllium	9-1	2104	2274	2220	2199	3.95	cps
Bismuth	209-1	10377508	9868655	9892277	10046147	2.86	cps
Bismuth	209-2	8532046	8412689	8443969	8462901	0.73	cps
Bromine	81-1	14671	14297	14264	14410	1.57	cps
Bromine	81-2	610	630	633	624	2.02	cps
Cadmium	108-1	927	883	920	910	2.56	cps
Cadmium	106-1	5878	5581	5741	5733	2.59	cps
Cadmium	111-1	12765	12620	12251	12545	2.12	cps
Calcium	43-1	742142	745746	741501	743130	0.31	cps
Calcium	44-1	11474047	11741437	11505223	11573569	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	303825	298950	296873	299883	1.19	cps
Cobalt	59-2	334279	333759	330388	332809	0.63	cps
Copper	63-2	836109	835312	828676	833366	0.49	cps
Dysprosium	156-1	143353	144723	143037	143704	0.62	cps
Dysprosium	156-2	126941	124822	127294	126352	1.06	cps
Erbium	164-1	121587	123150	122817	122518	0.67	cps
Erbium	164-2	90534	91279	92114	91309	0.87	cps
Gadolinium	160-1	139759	142674	142654	141696	1.18	cps
Gadolinium	160-2	109312	109950	109937	109733	0.33	cps
Holmium	165-1	17378155	16061531	16229514	16556400	4.33	cps
Holmium	165-2	12061026	12044080	11962375	12022494	0.44	cps
Indium	115-1	13921585	13279358	12936697	13379213	3.74	cps
Indium	115-2	4890869	4856205	4842410	4863161	0.51	cps
Iron	56-2	432638274	433659287	429676127	431991229	0.48	cps
Iron	57-2	10704267	10778713	10608844	10697274	0.80	cps
Iron	54-2	23638066	23579860	23619931	23612619	0.13	cps
Krypton	83-1	387	410	443	413	6.89	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:42:56	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1472542	1468024	1470124	1470230	0.15	cps
Lead	207-1	1356865	1367478	1358501	1360948	0.42	cps
Lead	208-1	6272164	6238550	6216675	6242463	0.45	cps
Lithium	6-1	1827241	1709944	1668245	1735143	4.75	cps
Magnesium	24-2	8615191	8650353	8567213	8610919	0.48	cps
Manganese	55-2	8838017	8859870	8808084	8835324	0.29	cps
Molybdenum	94-1	128186	129197	126406	127930	1.10	cps
Molybdenum	95-1	5868	6666	5684	6073	8.59	cps
Molybdenum	96-1	30859	32406	31240	31502	2.56	cps
Molybdenum	97-1	3504	4067	3570	3714	8.29	cps
Molybdenum	98-1	9073	9464	8746	9094	3.95	cps
Neodymium	150-1	241474	240786	240968	241076	0.15	cps
Neodymium	150-2	151942	152674	149331	151316	1.16	cps
Nickel	60-2	103417	103470	104642	103843	0.67	cps
Phosphorus	31-2	43094	43020	42800	42971	0.36	cps
Potassium	39-2	6049342	6071072	6027166	6049193	0.36	cps
Rhodium	103-1	12784568	12053468	11905440	12247825	3.84	cps
Rhodium	103-2	7389024	7346863	7277262	7337716	0.77	cps
Scandium	45-1	7745538	7362521	7391600	7499886	2.84	cps
Scandium	45-2	641006	640426	634196	638542	0.59	cps
Selenium	82-1	641	625	545	604	8.54	cps
Selenium	77-2	390	387	443	407	7.82	cps
Selenium	78-2	747	870	910	842	10.11	cps
Silicon	28-1	12877526	12930053	12887818	12898466	0.22	cps
Silver	107-1	10809	11166	10929	10968	1.66	cps
Silver	109-1	9933	10004	9737	9891	1.40	cps
Sodium	23-2	126880	127775	127529	127395	0.36	cps
Strontium	86-1	307084	308654	307275	307671	0.28	cps
Strontium	88-1	2724797	2742444	2765963	2744401	0.75	cps
Sulfur	34-1	262214	263814	262633	262887	0.32	cps
Terbium	159-1	17389755	16448126	16388114	16741999	3.36	cps
Terbium	159-2	11901989	11625141	11687424	11738185	1.24	cps
Thallium	203-1	3977	3881	4367	4075	6.32	cps
Thallium	205-1	9724	9540	9807	9690	1.41	cps
Tin	118-1	8723	8739	8926	8796	1.28	cps
Titanium	47-1	410027	412493	410358	410959	0.33	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:42:56	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39783	39385	39819	39662	0.61	cps
Vanadium	51-2	572082	573963	572820	572955	0.17	cps
Yttrium	89-1	18006749	17127044	17116285	17416693	2.93	cps
Yttrium	89-2	4682016	4610385	4585965	4626122	1.08	cps
Zinc	66-2	684415	685781	679916	683371	0.45	cps
Zirconium	90-1	339831	341748	340744	340774	0.28	cps
Zirconium	91-1	76102	75590	74474	75389	1.10	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ09	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:46:01	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11078298	11148199	11110164	11112220	0.31	cps
Antimony	121-1	2597	2704	2700	2667	2.27	cps
Arsenic	75-2	121892	121653	120655	121400	0.54	cps
Barium	135-1	1026947	1024309	1011312	1020856	0.82	cps
Barium	137-1	1867569	1839886	1838425	1848626	0.89	cps
Beryllium	9-1	2187	2240	2247	2225	1.48	cps
Bismuth	209-1	9738247	9674854	9637954	9683685	0.52	cps
Bismuth	209-2	8533815	8345883	8328525	8402741	1.35	cps
Bromine	81-1	14397	14467	13940	14268	2.01	cps
Bromine	81-2	510	453	457	473	6.72	cps
Cadmium	108-1	697	600	663	653	7.52	cps
Cadmium	106-1	5074	5304	5338	5239	2.74	cps
Cadmium	111-1	9873	10051	9972	9965	0.90	cps
Calcium	43-1	499457	494016	486900	493458	1.28	cps
Calcium	44-1	7809366	7672193	7534384	7671981	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	272870	275510	273026	273802	0.54	cps
Cobalt	59-2	464083	468420	462441	464981	0.66	cps
Copper	63-2	916446	909165	905267	910293	0.62	cps
Dysprosium	156-1	129029	128810	127892	128577	0.47	cps
Dysprosium	156-2	112348	112654	110191	111731	1.20	cps
Erbium	164-1	110812	109007	109101	109640	0.93	cps
Erbium	164-2	81771	81593	81586	81650	0.13	cps
Gadolinium	160-1	124352	124080	122416	123616	0.85	cps
Gadolinium	160-2	95710	96603	94958	95757	0.86	cps
Holmium	165-1	16057661	15930396	15902087	15963381	0.52	cps
Holmium	165-2	11954464	11841154	11812807	11869475	0.63	cps
Indium	115-1	13198284	13055532	12746395	13000070	1.78	cps
Indium	115-2	4763635	4764814	4778771	4769073	0.18	cps
Iron	56-2	561549978	555649578	552814752	556671436	0.80	cps
Iron	57-2	13910238	13824858	13832433	13855843	0.34	cps
Iron	54-2	30384800	30184113	30014794	30194569	0.61	cps
Krypton	83-1	493	473	317	428	22.62	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ09	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:46:01	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1065968	1063999	1054288	1061418	0.59	cps
Lead	207-1	970246	971343	968138	969909	0.17	cps
Lead	208-1	4454680	4447519	4402377	4434859	0.64	cps
Lithium	6-1	1710886	1697430	1671738	1693351	1.17	cps
Magnesium	24-2	7649406	7537168	7626308	7604294	0.78	cps
Manganese	55-2	8593836	8564291	8537515	8565214	0.33	cps
Molybdenum	94-1	107470	106423	103509	105801	1.94	cps
Molybdenum	95-1	9817	9837	9366	9673	2.75	cps
Molybdenum	96-1	33549	32372	31838	32586	2.69	cps
Molybdenum	97-1	6105	5728	5831	5888	3.31	cps
Molybdenum	98-1	15465	15115	15311	15297	1.15	cps
Neodymium	150-1	214117	213215	209334	212222	1.20	cps
Neodymium	150-2	133444	132165	130426	132012	1.15	cps
Nickel	60-2	97353	97735	95649	96913	1.15	cps
Phosphorus	31-2	42913	43024	42439	42792	0.73	cps
Potassium	39-2	5161658	5160834	5104363	5142285	0.64	cps
Rhodium	103-1	12064293	11938811	11878912	11960672	0.79	cps
Rhodium	103-2	7146271	7109971	7090303	7115515	0.40	cps
Scandium	45-1	7451636	7306227	7192237	7316700	1.78	cps
Scandium	45-2	630874	627347	620538	626253	0.84	cps
Selenium	82-1	557	506	684	583	15.79	cps
Selenium	77-2	380	377	347	368	4.99	cps
Selenium	78-2	740	820	820	793	5.82	cps
Silicon	28-1	12072513	12058727	11992707	12041316	0.35	cps
Silver	107-1	9220	9029	8999	9083	1.31	cps
Silver	109-1	8496	8262	8109	8289	2.35	cps
Sodium	23-2	129166	130292	128998	129485	0.54	cps
Strontium	86-1	266310	265412	261566	264429	0.95	cps
Strontium	88-1	2393524	2400284	2295977	2363262	2.47	cps
Sulfur	34-1	192405	194954	196145	194501	0.98	cps
Terbium	159-1	16358522	16294643	16229843	16294336	0.39	cps
Terbium	159-2	11648556	11550127	11424152	11540945	0.97	cps
Thallium	203-1	4264	4497	4274	4345	3.04	cps
Thallium	205-1	10100	9850	9987	9979	1.26	cps
Tin	118-1	10274	10474	10160	10303	1.54	cps
Titanium	47-1	1128856	1133298	1107271	1123142	1.24	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ09	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:46:01	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43350	43314	42514	43060	1.10	cps
Vanadium	51-2	935582	932432	924499	930838	0.61	cps
Yttrium	89-1	17095483	16834211	16446615	16792103	1.94	cps
Yttrium	89-2	4516094	4462689	4414207	4464330	1.14	cps
Zinc	66-2	565090	565723	561558	564124	0.40	cps
Zirconium	90-1	274007	274087	270549	272881	0.74	cps
Zirconium	91-1	62134	60400	60528	61021	1.58	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ10	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:49:08	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12201673	12202477	12119448	12174533	0.39	cps
Antimony	121-1	2274	2224	2244	2247	1.12	cps
Arsenic	75-2	39299	38994	38092	38795	1.62	cps
Barium	135-1	974405	968287	971517	971403	0.32	cps
Barium	137-1	1759956	1755935	1747450	1754447	0.36	cps
Beryllium	9-1	1813	1980	1800	1865	5.38	cps
Bismuth	209-1	9577890	9626965	9630129	9611661	0.30	cps
Bismuth	209-2	8514064	8401929	8386841	8434278	0.82	cps
Bromine	81-1	13797	14057	14170	14008	1.37	cps
Bromine	81-2	357	333	363	351	4.49	cps
Cadmium	108-1	300	257	273	277	7.90	cps
Cadmium	106-1	4624	4357	4437	4473	3.06	cps
Cadmium	111-1	4161	3937	3934	4011	3.25	cps
Calcium	43-1	682820	689498	683010	685109	0.55	cps
Calcium	44-1	10609750	10712654	10531931	10618112	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	322690	321639	319193	321174	0.56	cps
Cobalt	59-2	382442	377539	379465	379815	0.65	cps
Copper	63-2	582457	580441	579493	580797	0.26	cps
Dysprosium	156-1	117237	118051	116881	117390	0.51	cps
Dysprosium	156-2	102192	102819	101114	102042	0.85	cps
Erbium	164-1	100703	100615	99326	100215	0.77	cps
Erbium	164-2	74413	74396	74303	74371	0.08	cps
Gadolinium	160-1	115682	114120	114301	114701	0.75	cps
Gadolinium	160-2	88930	88551	89436	88972	0.50	cps
Holmium	165-1	15940785	15773660	15980360	15898268	0.69	cps
Holmium	165-2	11815705	11942912	11763949	11840855	0.78	cps
Indium	115-1	12894577	12768869	12813949	12825798	0.50	cps
Indium	115-2	4845289	4950900	4841079	4879089	1.28	cps
Iron	56-2	497174899	494965873	491235339	494458704	0.61	cps
Iron	57-2	12220124	12328091	12260499	12269571	0.44	cps
Iron	54-2	27171102	26957377	26689883	26939454	0.90	cps
Krypton	83-1	343	440	397	393	12.31	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ10	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:49:08	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	211990	214672	210826	212496	0.93	cps
Lead	207-1	173191	174978	173392	173854	0.56	cps
Lead	208-1	799574	808083	802942	803533	0.53	cps
Lithium	6-1	1701233	1674373	1697012	1690873	0.85	cps
Magnesium	24-2	9175050	9285114	9253401	9237855	0.61	cps
Manganese	55-2	7199869	7199405	7129155	7176143	0.57	cps
Molybdenum	94-1	76013	74873	75788	75558	0.80	cps
Molybdenum	95-1	5971	5898	5988	5952	0.80	cps
Molybdenum	96-1	23582	23836	23439	23619	0.85	cps
Molybdenum	97-1	3761	3774	3804	3779	0.59	cps
Molybdenum	98-1	9333	9406	9236	9325	0.91	cps
Neodymium	150-1	197814	197094	195971	196960	0.47	cps
Neodymium	150-2	123165	124530	124036	123911	0.56	cps
Nickel	60-2	108347	109059	107763	108390	0.60	cps
Phosphorus	31-2	34803	36066	35585	35484	1.80	cps
Potassium	39-2	1718182	1717264	1700555	1712000	0.58	cps
Rhodium	103-1	12029905	11878948	11959321	11956058	0.63	cps
Rhodium	103-2	7302018	7431360	7282157	7338512	1.10	cps
Scandium	45-1	7349502	7329154	7266469	7315042	0.59	cps
Scandium	45-2	641373	644075	639411	641620	0.37	cps
Selenium	82-1	509	331	317	386	27.71	cps
Selenium	77-2	433	353	323	370	15.37	cps
Selenium	78-2	763	820	757	780	4.46	cps
Silicon	28-1	18887644	19126713	18944078	18986145	0.66	cps
Silver	107-1	1834	1806	1706	1782	3.80	cps
Silver	109-1	1120	1240	1273	1211	6.66	cps
Sodium	23-2	232614	233568	235784	233989	0.69	cps
Strontium	86-1	323925	321352	321959	322412	0.42	cps
Strontium	88-1	2847472	2926466	2885367	2886435	1.37	cps
Sulfur	34-1	165886	163534	164187	164536	0.74	cps
Terbium	159-1	16236509	16220230	16270045	16242261	0.16	cps
Terbium	159-2	11842748	11626154	11560754	11676552	1.26	cps
Thallium	203-1	2700	2634	2930	2755	5.65	cps
Thallium	205-1	6708	6338	6928	6658	4.48	cps
Tin	118-1	6912	6311	6585	6603	4.55	cps
Titanium	47-1	1065686	1063670	1061962	1063773	0.18	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ10	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:49:08	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32196	33211	32760	32723	1.56	cps
Vanadium	51-2	843915	837835	829211	836987	0.88	cps
Yttrium	89-1	16550801	16744974	16719331	16671702	0.63	cps
Yttrium	89-2	4559148	4592746	4537482	4563125	0.61	cps
Zinc	66-2	174530	174396	171093	173340	1.12	cps
Zirconium	90-1	196185	196621	195932	196246	0.18	cps
Zirconium	91-1	43671	44096	43812	43860	0.49	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ11	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:52:16	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9707278	9684223	9712834	9701445	0.16	cps
Antimony	121-1	1397	1597	1513	1502	6.69	cps
Arsenic	75-2	41953	41578	41408	41646	0.67	cps
Barium	135-1	933882	934500	927712	932031	0.40	cps
Barium	137-1	1669263	1667889	1677505	1671552	0.31	cps
Beryllium	9-1	1617	1460	1550	1542	5.10	cps
Bismuth	209-1	9630836	9622116	9627277	9626743	0.05	cps
Bismuth	209-2	8373042	8230126	8276121	8293096	0.88	cps
Bromine	81-1	14194	14244	14517	14318	1.22	cps
Bromine	81-2	330	317	350	332	5.05	cps
Cadmium	108-1	350	320	297	322	8.30	cps
Cadmium	106-1	4497	4481	4481	4486	0.21	cps
Cadmium	111-1	4050	4019	4051	4040	0.45	cps
Calcium	43-1	824448	829538	823377	825788	0.40	cps
Calcium	44-1	12935355	12851524	12728129	12838336	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	465850	461561	463780	463730	0.46	cps
Cobalt	59-2	383731	380579	380675	381662	0.47	cps
Copper	63-2	516032	516857	519915	517601	0.40	cps
Dysprosium	156-1	100607	100671	101070	100783	0.25	cps
Dysprosium	156-2	88339	87557	87145	87680	0.69	cps
Erbium	164-1	86677	86713	86133	86508	0.38	cps
Erbium	164-2	64227	64283	64056	64189	0.18	cps
Gadolinium	160-1	98661	98191	98506	98453	0.24	cps
Gadolinium	160-2	75958	75395	76189	75847	0.54	cps
Holmium	165-1	16041229	15661951	15831516	15844899	1.20	cps
Holmium	165-2	11878575	11578390	11723611	11726859	1.28	cps
Indium	115-1	13063663	12817111	12909905	12930226	0.96	cps
Indium	115-2	4827822	4832896	4783206	4814642	0.57	cps
Iron	56-2	452308927	450706620	449641887	450885811	0.30	cps
Iron	57-2	11252580	11145901	11146254	11181578	0.55	cps
Iron	54-2	24682500	24779617	24215263	24559127	1.23	cps
Krypton	83-1	330	333	347	337	2.62	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ11	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:52:16	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	205079	206270	207263	206204	0.53	cps
Lead	207-1	168629	169945	169348	169307	0.39	cps
Lead	208-1	783389	784400	784607	784132	0.08	cps
Lithium	6-1	1704372	1669263	1662256	1678630	1.34	cps
Magnesium	24-2	8837050	8736394	8830101	8801182	0.64	cps
Manganese	55-2	6494846	6443818	6407787	6448817	0.68	cps
Molybdenum	94-1	83088	83107	83147	83114	0.04	cps
Molybdenum	95-1	6822	7269	6742	6944	4.09	cps
Molybdenum	96-1	25469	25319	25202	25330	0.53	cps
Molybdenum	97-1	4187	4071	4457	4238	4.68	cps
Molybdenum	98-1	11088	10914	11064	11022	0.85	cps
Neodymium	150-1	163937	164884	166253	165025	0.71	cps
Neodymium	150-2	103513	103506	103620	103546	0.06	cps
Nickel	60-2	133444	133548	132347	133113	0.50	cps
Phosphorus	31-2	32718	31649	31846	32071	1.77	cps
Potassium	39-2	1573351	1571315	1592996	1579221	0.76	cps
Rhodium	103-1	11967286	11718463	11864087	11849945	1.05	cps
Rhodium	103-2	7235417	7243734	7227382	7235511	0.11	cps
Scandium	45-1	7368729	7254347	7196119	7273065	1.21	cps
Scandium	45-2	635195	627910	631731	631612	0.58	cps
Selenium	82-1	419	349	384	384	9.12	cps
Selenium	77-2	307	290	313	303	3.96	cps
Selenium	78-2	730	630	743	701	8.84	cps
Silicon	28-1	11809725	11961790	12203326	11991614	1.66	cps
Silver	107-1	1375	1350	1383	1369	1.26	cps
Silver	109-1	1010	1010	940	987	4.10	cps
Sodium	23-2	175052	174234	175898	175061	0.48	cps
Strontium	86-1	288542	292910	289281	290245	0.81	cps
Strontium	88-1	2586738	2592442	2572664	2583948	0.39	cps
Sulfur	34-1	180442	182290	184985	182572	1.25	cps
Terbium	159-1	16217188	16227064	16140296	16194849	0.29	cps
Terbium	159-2	11566763	11531594	11524778	11541045	0.20	cps
Thallium	203-1	2510	2664	2460	2545	4.16	cps
Thallium	205-1	6211	6615	6335	6387	3.24	cps
Tin	118-1	6842	6928	7242	7004	3.01	cps
Titanium	47-1	784684	792108	786658	787816	0.49	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ11	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:52:16	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30181	29960	29493	29878	1.18	cps
Vanadium	51-2	793885	798850	794521	795752	0.34	cps
Yttrium	89-1	16484957	16273194	16369718	16375956	0.65	cps
Yttrium	89-2	4498472	4435644	4446208	4460108	0.75	cps
Zinc	66-2	170295	169503	170443	170080	0.30	cps
Zirconium	90-1	215687	216228	217872	216596	0.53	cps
Zirconium	91-1	48480	48359	47503	48114	1.11	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ12	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:55:26	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14867778	14723359	14873321	14821486	0.57	cps
Antimony	121-1	627	680	747	684	8.78	cps
Arsenic	75-2	44082	44236	43413	43910	1.00	cps
Barium	135-1	1437451	1426746	1412250	1425483	0.89	cps
Barium	137-1	2591071	2545561	2569532	2568721	0.89	cps
Beryllium	9-1	2444	2670	2594	2569	4.49	cps
Bismuth	209-1	9512874	9487004	9384089	9461322	0.72	cps
Bismuth	209-2	8265631	8164568	8198554	8209585	0.63	cps
Bromine	81-1	15131	15095	15061	15096	0.23	cps
Bromine	81-2	583	540	653	592	9.66	cps
Cadmium	108-1	373	537	450	453	18.03	cps
Cadmium	106-1	5594	5264	5054	5304	5.13	cps
Cadmium	111-1	5392	5075	4922	5130	4.67	cps
Calcium	43-1	770253	771740	759901	767298	0.84	cps
Calcium	44-1	12054147	12000966	11835858	11963657	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	382927	382097	382026	382350	0.13	cps
Cobalt	59-2	395275	395971	393740	394995	0.29	cps
Copper	63-2	649976	646057	645590	647207	0.37	cps
Dysprosium	156-1	182260	182550	179839	181549	0.82	cps
Dysprosium	156-2	158584	157975	156174	157577	0.80	cps
Erbium	164-1	150282	150581	148317	149727	0.82	cps
Erbium	164-2	111608	110294	110493	110798	0.64	cps
Gadolinium	160-1	181064	180405	177857	179775	0.94	cps
Gadolinium	160-2	136817	134871	137803	136497	1.09	cps
Holmium	165-1	16043993	15513088	15716395	15757825	1.70	cps
Holmium	165-2	11592096	11538586	11553779	11561487	0.24	cps
Indium	115-1	12968812	12763521	12652133	12794822	1.26	cps
Indium	115-2	4729821	4711664	4716713	4719399	0.20	cps
Iron	56-2	538570685	534668805	536460285	536566592	0.36	cps
Iron	57-2	13481285	13297767	13351712	13376921	0.71	cps
Iron	54-2	29320351	28881195	29252427	29151324	0.81	cps
Krypton	83-1	387	447	423	419	7.22	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ12	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:55:26	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	292224	292690	289764	291559	0.54	cps
Lead	207-1	240348	237971	237264	238528	0.68	cps
Lead	208-1	1106670	1107154	1099879	1104568	0.37	cps
Lithium	6-1	1701330	1691387	1644513	1679077	1.81	cps
Magnesium	24-2	11489529	11467459	11440158	11465715	0.22	cps
Manganese	55-2	9422258	9372840	9449126	9414742	0.41	cps
Molybdenum	94-1	142801	142963	141411	142392	0.60	cps
Molybdenum	95-1	6068	5718	6005	5930	3.15	cps
Molybdenum	96-1	35429	35376	34604	35137	1.31	cps
Molybdenum	97-1	3837	3767	3791	3798	0.94	cps
Molybdenum	98-1	9683	9877	9440	9667	2.27	cps
Neodymium	150-1	313304	312617	311354	312425	0.32	cps
Neodymium	150-2	194435	192894	193985	193771	0.41	cps
Nickel	60-2	129147	127170	127052	127790	0.92	cps
Phosphorus	31-2	41927	42492	42840	42420	1.09	cps
Potassium	39-2	4363985	4296338	4345184	4335169	0.81	cps
Rhodium	103-1	11960795	11785310	11531819	11759308	1.83	cps
Rhodium	103-2	7123691	7083057	7077863	7094870	0.35	cps
Scandium	45-1	7532539	7353412	7280049	7388666	1.76	cps
Scandium	45-2	634019	623204	630578	629267	0.88	cps
Selenium	82-1	465	409	434	436	6.35	cps
Selenium	77-2	480	487	497	488	1.72	cps
Selenium	78-2	757	897	877	843	8.98	cps
Silicon	28-1	7272126	7255141	7175056	7234108	0.72	cps
Silver	107-1	2507	2291	2417	2405	4.49	cps
Silver	109-1	1847	1860	1587	1765	8.73	cps
Sodium	23-2	159395	157724	159117	158745	0.56	cps
Strontium	86-1	451725	450370	445724	449273	0.70	cps
Strontium	88-1	3992735	4063760	4003119	4019871	0.95	cps
Sulfur	34-1	181450	181571	177939	180320	1.14	cps
Terbium	159-1	16421538	16259793	15851656	16177662	1.82	cps
Terbium	159-2	11477629	11406558	11333966	11406051	0.63	cps
Thallium	203-1	4071	3971	4314	4118	4.29	cps
Thallium	205-1	9413	9897	9387	9566	3.00	cps
Tin	118-1	9603	9103	9570	9425	2.97	cps
Titanium	47-1	473293	469678	463292	468755	1.08	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ12	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:55:26	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40374	39321	39572	39756	1.38	cps
Vanadium	51-2	802102	800200	800191	800831	0.14	cps
Yttrium	89-1	17334406	17343828	17074926	17251053	0.88	cps
Yttrium	89-2	4623215	4628513	4613792	4621840	0.16	cps
Zinc	66-2	234058	232018	232586	232887	0.45	cps
Zirconium	90-1	381180	380802	374711	378897	0.96	cps
Zirconium	91-1	83861	82627	84220	83569	1.00	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ13	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:58:32	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7317510	7312498	7344623	7324877	0.24	cps
Antimony	121-1	5801	6121	5771	5898	3.29	cps
Arsenic	75-2	37477	36575	37594	37216	1.50	cps
Barium	135-1	518344	517919	516178	517481	0.22	cps
Barium	137-1	900039	893137	894846	896008	0.40	cps
Beryllium	9-1	1247	1200	1203	1217	2.14	cps
Bismuth	209-1	9668214	9427149	9314244	9469869	1.91	cps
Bismuth	209-2	8272499	8202592	8090936	8188676	1.12	cps
Bromine	81-1	13583	13159	13643	13462	1.96	cps
Bromine	81-2	317	250	273	280	12.08	cps
Cadmium	108-1	187	210	167	188	11.55	cps
Cadmium	106-1	4331	4057	3761	4050	7.04	cps
Cadmium	111-1	3683	3424	3241	3449	6.43	cps
Calcium	43-1	571444	572749	572286	572160	0.12	cps
Calcium	44-1	9003757	8884968	8931665	8940130	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	374084	371494	370485	372021	0.50	cps
Cobalt	59-2	300811	298806	299346	299655	0.35	cps
Copper	63-2	517837	518150	520193	518727	0.25	cps
Dysprosium	156-1	73678	74546	73035	73753	1.03	cps
Dysprosium	156-2	63727	65646	64487	64620	1.50	cps
Erbium	164-1	67622	67693	67324	67547	0.29	cps
Erbium	164-2	49471	50069	50153	49898	0.75	cps
Gadolinium	160-1	73582	73317	72550	73150	0.73	cps
Gadolinium	160-2	56975	57223	57859	57352	0.79	cps
Holmium	165-1	16064333	15798137	15487829	15783433	1.83	cps
Holmium	165-2	11470931	11613370	11548861	11544387	0.62	cps
Indium	115-1	13091363	12893056	12796192	12926870	1.16	cps
Indium	115-2	4859992	4829683	4817436	4835704	0.45	cps
Iron	56-2	419093327	419874474	416335127	418434309	0.44	cps
Iron	57-2	10326590	10404441	10257158	10329396	0.71	cps
Iron	54-2	22896919	22765859	22452410	22705062	1.01	cps
Krypton	83-1	290	353	337	327	10.05	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ13	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:58:32	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	148999	150569	148269	149279	0.79	cps
Lead	207-1	120047	120572	119984	120201	0.27	cps
Lead	208-1	558893	563664	556345	559634	0.66	cps
Lithium	6-1	1704287	1652120	1631549	1662652	2.26	cps
Magnesium	24-2	7267812	7271573	7243569	7260985	0.21	cps
Manganese	55-2	3979230	3999288	3940104	3972874	0.76	cps
Molybdenum	94-1	45210	44885	43966	44687	1.44	cps
Molybdenum	95-1	7892	7989	7966	7949	0.63	cps
Molybdenum	96-1	20057	20191	18886	19711	3.64	cps
Molybdenum	97-1	5058	4834	4854	4915	2.51	cps
Molybdenum	98-1	12772	12742	12535	12683	1.02	cps
Neodymium	150-1	118654	120600	118428	119227	1.00	cps
Neodymium	150-2	74830	74177	75233	74747	0.71	cps
Nickel	60-2	124266	123291	124101	123886	0.42	cps
Phosphorus	31-2	27124	27261	27909	27431	1.53	cps
Potassium	39-2	1219457	1219616	1220447	1219840	0.04	cps
Rhodium	103-1	12116016	11710076	11629966	11818686	2.20	cps
Rhodium	103-2	7275894	7247208	7117305	7213469	1.17	cps
Scandium	45-1	7384691	7179498	7057436	7207209	2.29	cps
Scandium	45-2	627794	627325	623027	626049	0.42	cps
Selenium	82-1	370	300	329	333	10.50	cps
Selenium	77-2	240	253	197	230	12.88	cps
Selenium	78-2	747	620	627	664	10.73	cps
Silicon	28-1	13004886	12941719	13021177	12989261	0.32	cps
Silver	107-1	1115	1176	1052	1114	5.57	cps
Silver	109-1	760	723	690	724	4.83	cps
Sodium	23-2	242382	243482	243300	243054	0.24	cps
Strontium	86-1	224265	221984	224668	223639	0.65	cps
Strontium	88-1	2022159	2020624	2000415	2014399	0.60	cps
Sulfur	34-1	177032	178128	178222	177794	0.37	cps
Terbium	159-1	16441197	16028441	15876911	16115517	1.81	cps
Terbium	159-2	11319414	11409599	11377867	11368960	0.40	cps
Thallium	203-1	1770	1827	1877	1825	2.93	cps
Thallium	205-1	4611	4481	4391	4494	2.46	cps
Tin	118-1	5398	5511	5258	5389	2.36	cps
Titanium	47-1	1472047	1464904	1426245	1454399	1.69	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ13	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:58:32	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27649	27021	27756	27475	1.45	cps
Vanadium	51-2	801671	799245	797332	799416	0.27	cps
Yttrium	89-1	16223473	16108773	15844435	16058894	1.21	cps
Yttrium	89-2	4372653	4350580	4313053	4345428	0.69	cps
Zinc	66-2	136207	134133	135249	135196	0.77	cps
Zirconium	90-1	109723	108947	108443	109037	0.59	cps
Zirconium	91-1	24193	24577	23920	24230	1.36	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ14	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:01:41	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12249364	12136497	11988810	12124890	1.08	cps
Antimony	121-1	4944	4617	4644	4735	3.83	cps
Arsenic	75-2	163698	162367	161700	162588	0.63	cps
Barium	135-1	1119671	1108833	1103519	1110675	0.74	cps
Barium	137-1	1980758	2014372	1976201	1990444	1.05	cps
Beryllium	9-1	2290	2287	2320	2299	0.80	cps
Bismuth	209-1	9567693	9494642	9494580	9518972	0.44	cps
Bismuth	209-2	8287401	8273540	8203757	8254899	0.54	cps
Bromine	81-1	13843	14040	14000	13961	0.75	cps
Bromine	81-2	473	533	533	513	6.75	cps
Cadmium	108-1	1007	1023	1053	1028	2.30	cps
Cadmium	106-1	5725	5591	5418	5578	2.76	cps
Cadmium	111-1	13875	13797	13347	13673	2.08	cps
Calcium	43-1	615429	614264	612719	614137	0.22	cps
Calcium	44-1	9669567	9547130	9471701	9562799	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	292755	289562	290131	290816	0.59	cps
Cobalt	59-2	389699	385966	385969	387211	0.56	cps
Copper	63-2	1312648	1299964	1294112	1302241	0.73	cps
Dysprosium	156-1	124769	125249	123110	124376	0.90	cps
Dysprosium	156-2	108912	110060	107145	108705	1.35	cps
Erbium	164-1	109767	109189	106055	108337	1.84	cps
Erbium	164-2	80896	80554	80339	80596	0.35	cps
Gadolinium	160-1	121094	122765	120792	121550	0.87	cps
Gadolinium	160-2	94724	93915	94358	94332	0.43	cps
Holmium	165-1	16015379	15746876	15486095	15749450	1.68	cps
Holmium	165-2	11658149	11699001	11457111	11604754	1.12	cps
Indium	115-1	13030085	12689559	12570024	12763223	1.87	cps
Indium	115-2	4734454	4769908	4687214	4730525	0.88	cps
Iron	56-2	574251138	565232925	563517845	567667303	1.02	cps
Iron	57-2	14174351	14017944	13942945	14045080	0.84	cps
Iron	54-2	31081541	30513217	30595427	30730062	1.00	cps
Krypton	83-1	383	413	423	407	5.12	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ14	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:01:41	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1649294	1650545	1643895	1647912	0.21	cps
Lead	207-1	1513953	1524831	1508891	1515892	0.54	cps
Lead	208-1	6920385	6959794	6899124	6926434	0.44	cps
Lithium	6-1	1706483	1635717	1634378	1658859	2.49	cps
Magnesium	24-2	8289737	8309789	8213767	8271097	0.61	cps
Manganese	55-2	8568996	8508171	8401256	8492808	1.00	cps
Molybdenum	94-1	119979	121045	119627	120217	0.61	cps
Molybdenum	95-1	8006	8052	7886	7981	1.08	cps
Molybdenum	96-1	33943	33655	33622	33740	0.52	cps
Molybdenum	97-1	4931	5031	5011	4991	1.06	cps
Molybdenum	98-1	12639	12809	12445	12631	1.44	cps
Neodymium	150-1	204639	208122	206239	206333	0.85	cps
Neodymium	150-2	129416	129040	127127	128528	0.96	cps
Nickel	60-2	101725	102114	100420	101420	0.88	cps
Phosphorus	31-2	47059	46547	46467	46691	0.69	cps
Potassium	39-2	5194752	5189448	5118062	5167421	0.83	cps
Rhodium	103-1	12003692	11735008	11609860	11782853	1.71	cps
Rhodium	103-2	7108462	7064178	6982769	7051803	0.90	cps
Scandium	45-1	7365758	7214071	7134527	7238119	1.62	cps
Scandium	45-2	626020	618046	616269	620112	0.84	cps
Selenium	82-1	667	663	567	632	8.89	cps
Selenium	77-2	367	367	337	357	4.86	cps
Selenium	78-2	767	730	837	778	6.97	cps
Silicon	28-1	14344191	14332900	14201579	14292890	0.55	cps
Silver	107-1	17520	17072	17010	17201	1.62	cps
Silver	109-1	16446	16062	15792	16100	2.04	cps
Sodium	23-2	144042	142011	142761	142938	0.72	cps
Strontium	86-1	247002	245643	244270	245638	0.56	cps
Strontium	88-1	2205467	2194740	2192274	2197494	0.32	cps
Sulfur	34-1	313978	311668	310736	312127	0.53	cps
Terbium	159-1	16123302	16149328	15841310	16037980	1.07	cps
Terbium	159-2	11456411	11509531	11408135	11458026	0.44	cps
Thallium	203-1	4487	4517	4554	4520	0.74	cps
Thallium	205-1	10611	10551	10868	10676	1.58	cps
Tin	118-1	22878	23579	23322	23260	1.52	cps
Titanium	47-1	906195	904644	894102	901647	0.73	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ14	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:01:41	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39157	39475	39198	39277	0.44	cps
Vanadium	51-2	901401	895981	888088	895157	0.75	cps
Yttrium	89-1	16941511	16441676	16325654	16569613	1.98	cps
Yttrium	89-2	4448946	4449566	4406268	4434926	0.56	cps
Zinc	66-2	748647	741443	740067	743386	0.62	cps
Zirconium	90-1	318498	318346	315288	317377	0.57	cps
Zirconium	91-1	70826	70012	70153	70331	0.62	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ15	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:04:45	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10396580	10420834	10351178	10389531	0.34	cps
Antimony	121-1	3704	3924	3724	3784	3.22	cps
Arsenic	75-2	185827	188329	187060	187072	0.67	cps
Barium	135-1	875242	872757	867367	871789	0.46	cps
Barium	137-1	1518109	1500813	1510040	1509654	0.57	cps
Beryllium	9-1	1887	1960	1790	1879	4.54	cps
Bismuth	209-1	9737872	9749506	9572667	9686682	1.02	cps
Bismuth	209-2	8357974	8361596	8370940	8363503	0.08	cps
Bromine	81-1	13626	14147	13396	13723	2.80	cps
Bromine	81-2	470	443	423	446	5.25	cps
Cadmium	108-1	1107	1277	1160	1181	7.36	cps
Cadmium	106-1	5558	5514	5501	5524	0.54	cps
Cadmium	111-1	17095	16144	16094	16444	3.43	cps
Calcium	43-1	516208	511625	510927	512920	0.56	cps
Calcium	44-1	8041691	8034504	7933478	8003224	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	237048	236946	236695	236896	0.08	cps
Cobalt	59-2	308347	307960	306985	307764	0.23	cps
Copper	63-2	930999	933705	926698	930467	0.38	cps
Dysprosium	156-1	112603	115409	111767	113260	1.68	cps
Dysprosium	156-2	99781	100348	100792	100307	0.51	cps
Erbium	164-1	97916	97591	95433	96980	1.39	cps
Erbium	164-2	72366	72008	71244	71872	0.80	cps
Gadolinium	160-1	110192	109870	109675	109912	0.24	cps
Gadolinium	160-2	85408	85589	85418	85472	0.12	cps
Holmium	165-1	15952014	15948068	15286658	15728913	2.44	cps
Holmium	165-2	11746182	11572747	11746811	11688580	0.86	cps
Indium	115-1	12926364	12796611	12546161	12756378	1.52	cps
Indium	115-2	4769789	4778132	4715074	4754332	0.72	cps
Iron	56-2	465759153	463580966	460517540	463285886	0.57	cps
Iron	57-2	11508888	11533698	11568384	11536990	0.26	cps
Iron	54-2	25147364	24995171	24911515	25018017	0.48	cps
Krypton	83-1	327	380	363	357	7.65	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ15	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:04:45	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2651203	2705118	2612107	2656142	1.76	cps
Lead	207-1	2541514	2559109	2503802	2534809	1.11	cps
Lead	208-1	11105307	11090650	10939867	11045274	0.83	cps
Lithium	6-1	1717368	1684230	1595154	1665584	3.79	cps
Magnesium	24-2	7816128	7740379	7812589	7789699	0.55	cps
Manganese	55-2	7539202	7525227	7464588	7509672	0.53	cps
Molybdenum	94-1	97323	97716	98250	97763	0.48	cps
Molybdenum	95-1	10084	10194	9853	10044	1.73	cps
Molybdenum	96-1	31076	31357	30893	31109	0.75	cps
Molybdenum	97-1	6121	6355	6091	6189	2.33	cps
Molybdenum	98-1	15358	15612	16216	15729	2.80	cps
Neodymium	150-1	191336	190881	191146	191121	0.12	cps
Neodymium	150-2	120442	120950	118735	120042	0.97	cps
Nickel	60-2	88633	88844	87577	88351	0.77	cps
Phosphorus	31-2	47948	46771	48119	47613	1.54	cps
Potassium	39-2	5179636	5181201	5184009	5181615	0.04	cps
Rhodium	103-1	11873964	11814803	11459201	11715990	1.91	cps
Rhodium	103-2	7114234	7116252	7166220	7132235	0.41	cps
Scandium	45-1	7202636	7200659	7030670	7144655	1.38	cps
Scandium	45-2	620247	618064	615338	617883	0.40	cps
Selenium	82-1	857	849	772	826	5.68	cps
Selenium	77-2	377	363	330	357	6.74	cps
Selenium	78-2	820	917	867	868	5.57	cps
Silicon	28-1	7358904	7607773	7273512	7413396	2.34	cps
Silver	107-1	17808	17792	17563	17721	0.77	cps
Silver	109-1	16469	16523	16222	16405	0.98	cps
Sodium	23-2	142744	143454	141607	142601	0.65	cps
Strontium	86-1	232118	229428	229744	230430	0.64	cps
Strontium	88-1	2083387	2085539	2033915	2067614	1.41	cps
Sulfur	34-1	235375	237352	237453	236727	0.50	cps
Terbium	159-1	16323766	15982025	15912286	16072692	1.37	cps
Terbium	159-2	11446290	11497683	11584564	11509512	0.61	cps
Thallium	203-1	4407	4451	4694	4517	3.42	cps
Thallium	205-1	10651	11145	10691	10829	2.53	cps
Tin	118-1	11878	11728	11678	11762	0.89	cps
Titanium	47-1	680776	677895	672250	676974	0.64	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ15	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:04:45	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36313	35972	36186	36157	0.48	cps
Vanadium	51-2	612719	611806	611641	612055	0.09	cps
Yttrium	89-1	16759124	16404621	16110843	16424863	1.98	cps
Yttrium	89-2	4432514	4422032	4409267	4421271	0.26	cps
Zinc	66-2	1066974	1067734	1061179	1065296	0.34	cps
Zirconium	90-1	255391	252742	251409	253181	0.80	cps
Zirconium	91-1	57251	55187	56602	56346	1.87	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ16	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:07:50	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12766071	12579954	12572001	12639342	0.87	cps
Antimony	121-1	5171	5184	5068	5141	1.24	cps
Arsenic	75-2	191333	191158	190911	191134	0.11	cps
Barium	135-1	1294888	1301467	1295476	1297277	0.28	cps
Barium	137-1	2363872	2325304	2349696	2346290	0.83	cps
Beryllium	9-1	2344	2377	2390	2370	1.01	cps
Bismuth	209-1	9687611	9681701	9659890	9676401	0.15	cps
Bismuth	209-2	8399598	8448860	8374499	8407653	0.45	cps
Bromine	81-1	14941	14447	14234	14541	2.50	cps
Bromine	81-2	643	627	617	629	2.14	cps
Cadmium	108-1	1020	977	997	998	2.17	cps
Cadmium	106-1	6018	5558	5695	5757	4.11	cps
Cadmium	111-1	13776	13213	13381	13457	2.15	cps
Calcium	43-1	589026	584307	584690	586008	0.45	cps
Calcium	44-1	9236433	9161693	8978295	9125473	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	281713	279699	276895	279435	0.87	cps
Cobalt	59-2	369360	366464	368240	368022	0.40	cps
Copper	63-2	979139	969519	969674	972777	0.57	cps
Dysprosium	156-1	136263	135812	136189	136088	0.18	cps
Dysprosium	156-2	119469	117611	118551	118544	0.78	cps
Erbium	164-1	116242	117757	117135	117045	0.65	cps
Erbium	164-2	86371	86666	86130	86389	0.31	cps
Gadolinium	160-1	131944	133930	131086	132320	1.10	cps
Gadolinium	160-2	100880	102521	102229	101877	0.86	cps
Holmium	165-1	15913906	15970161	15553616	15812561	1.43	cps
Holmium	165-2	11808613	11809509	11597471	11738531	1.04	cps
Indium	115-1	12955014	12850588	12585184	12796929	1.49	cps
Indium	115-2	4753136	4750410	4737326	4746957	0.18	cps
Iron	56-2	564821325	564169392	559699712	562896809	0.50	cps
Iron	57-2	14148590	13936015	13991124	14025243	0.79	cps
Iron	54-2	30708442	30611220	30373407	30564356	0.56	cps
Krypton	83-1	343	347	427	372	12.68	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ16	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:07:50	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2076004	2126627	2106721	2103117	1.21	cps
Lead	207-1	2012503	2003217	1994363	2003361	0.45	cps
Lead	208-1	8739192	8801189	8755153	8765178	0.37	cps
Lithium	6-1	1681830	1663552	1702347	1682577	1.15	cps
Magnesium	24-2	8537790	8440362	8538180	8505444	0.66	cps
Manganese	55-2	8378830	8289063	8380192	8349362	0.63	cps
Molybdenum	94-1	130868	131342	129741	130650	0.63	cps
Molybdenum	95-1	9410	9490	8983	9294	2.93	cps
Molybdenum	96-1	36766	36385	36542	36564	0.52	cps
Molybdenum	97-1	5691	5611	5771	5691	1.41	cps
Molybdenum	98-1	14834	14417	14624	14625	1.43	cps
Neodymium	150-1	225586	226408	224977	225657	0.32	cps
Neodymium	150-2	140889	141902	140051	140947	0.66	cps
Nickel	60-2	102678	102638	102356	102557	0.17	cps
Phosphorus	31-2	49236	48600	48617	48817	0.74	cps
Potassium	39-2	5637386	5604872	5558402	5600220	0.71	cps
Rhodium	103-1	11835120	11748009	11605877	11729669	0.99	cps
Rhodium	103-2	7125796	7151570	7076776	7118047	0.53	cps
Scandium	45-1	7321838	7152956	7121326	7198707	1.50	cps
Scandium	45-2	623899	619145	619290	620778	0.44	cps
Selenium	82-1	881	834	736	817	9.04	cps
Selenium	77-2	383	423	413	407	5.12	cps
Selenium	78-2	897	890	883	890	0.75	cps
Silicon	28-1	10534973	10416491	10345205	10432223	0.92	cps
Silver	107-1	16054	16654	16562	16423	1.97	cps
Silver	109-1	15201	14991	14748	14980	1.52	cps
Sodium	23-2	145092	145052	143811	144652	0.50	cps
Strontium	86-1	283312	281452	281813	282193	0.35	cps
Strontium	88-1	2552719	2541815	2495046	2529860	1.21	cps
Sulfur	34-1	242491	239475	241509	241158	0.64	cps
Terbium	159-1	16194299	16372324	15945841	16170821	1.32	cps
Terbium	159-2	11720547	11576377	11495467	11597464	0.98	cps
Thallium	203-1	4851	4744	5114	4903	3.89	cps
Thallium	205-1	11125	11255	11355	11245	1.03	cps
Tin	118-1	13089	12642	12516	12749	2.36	cps
Titanium	47-1	894751	879590	876706	883682	1.10	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ16	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:07:50	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41966	43066	42832	42622	1.36	cps
Vanadium	51-2	835858	834447	826360	832221	0.62	cps
Yttrium	89-1	16763069	16645646	16437095	16615270	0.99	cps
Yttrium	89-2	4514545	4442197	4495260	4484001	0.84	cps
Zinc	66-2	917719	906051	908382	910717	0.68	cps
Zirconium	90-1	343119	342455	339951	341841	0.49	cps
Zirconium	91-1	76790	75784	76665	76413	0.72	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ17	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:10:53	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11391443	11193587	11229362	11271464	0.94	cps
Antimony	121-1	2844	2737	2797	2793	1.92	cps
Arsenic	75-2	49041	48787	47887	48571	1.25	cps
Barium	135-1	771379	769792	770932	770701	0.11	cps
Barium	137-1	1328462	1338210	1336252	1334308	0.39	cps
Beryllium	9-1	1687	1643	1603	1645	2.53	cps
Bismuth	209-1	9663282	9422550	9558723	9548185	1.26	cps
Bismuth	209-2	8315414	8290918	8188814	8265049	0.81	cps
Bromine	81-1	13610	13963	14067	13880	1.73	cps
Bromine	81-2	267	320	313	300	9.69	cps
Cadmium	108-1	283	317	220	273	17.97	cps
Cadmium	106-1	4864	4714	4411	4663	4.95	cps
Cadmium	111-1	4366	4183	4166	4238	2.61	cps
Calcium	43-1	1128605	1139366	1147062	1138344	0.81	cps
Calcium	44-1	17760453	17689171	17787483	17745703	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	352172	352207	353892	352757	0.28	cps
Cobalt	59-2	369452	370459	366411	368774	0.57	cps
Copper	63-2	658967	661178	654168	658104	0.54	cps
Dysprosium	156-1	112872	113974	113376	113407	0.49	cps
Dysprosium	156-2	99972	100097	98425	99498	0.94	cps
Erbium	164-1	99947	97625	99742	99105	1.30	cps
Erbium	164-2	74574	74581	72976	74043	1.25	cps
Gadolinium	160-1	110138	111801	112279	111406	1.01	cps
Gadolinium	160-2	88708	88165	86770	87881	1.14	cps
Holmium	165-1	15858548	15759401	15811291	15809746	0.31	cps
Holmium	165-2	11889116	11793344	11720485	11800982	0.72	cps
Indium	115-1	12952741	12819623	12637234	12803199	1.24	cps
Indium	115-2	4848924	4818259	4772506	4813230	0.80	cps
Iron	56-2	501495326	500893326	496617846	499668833	0.53	cps
Iron	57-2	12391773	12247603	12346354	12328577	0.60	cps
Iron	54-2	27487883	26877337	26962790	27109337	1.22	cps
Krypton	83-1	437	403	350	397	11.02	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ17	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:10:53	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	207413	207868	209520	208267	0.53	cps
Lead	207-1	170765	171229	172166	171387	0.42	cps
Lead	208-1	792142	789966	794293	792134	0.27	cps
Lithium	6-1	1699840	1648992	1661709	1670180	1.58	cps
Magnesium	24-2	9761559	9762704	9765267	9763177	0.02	cps
Manganese	55-2	7234584	7082306	6997322	7104737	1.69	cps
Molybdenum	94-1	87653	88046	87278	87659	0.44	cps
Molybdenum	95-1	7182	6792	6792	6922	3.25	cps
Molybdenum	96-1	26027	26955	26758	26580	1.84	cps
Molybdenum	97-1	4267	4211	4237	4238	0.67	cps
Molybdenum	98-1	10921	11485	10704	11037	3.65	cps
Neodymium	150-1	187512	189342	188265	188373	0.49	cps
Neodymium	150-2	118919	119282	118933	119045	0.17	cps
Nickel	60-2	122743	122323	121242	122103	0.63	cps
Phosphorus	31-2	40430	40383	40139	40317	0.39	cps
Potassium	39-2	1801863	1807572	1811134	1806856	0.26	cps
Rhodium	103-1	11972918	11750553	11768783	11830751	1.04	cps
Rhodium	103-2	7336898	7107901	7301387	7248728	1.70	cps
Scandium	45-1	7253828	7253226	7186197	7231084	0.54	cps
Scandium	45-2	636821	631062	637101	634994	0.54	cps
Selenium	82-1	325	365	420	370	12.95	cps
Selenium	77-2	347	323	370	347	6.73	cps
Selenium	78-2	687	713	787	729	7.10	cps
Silicon	28-1	14238789	14511429	14493630	14414616	1.06	cps
Silver	107-1	1639	1772	1864	1758	6.42	cps
Silver	109-1	1160	1310	1377	1282	8.66	cps
Sodium	23-2	274124	273475	271433	273010	0.51	cps
Strontium	86-1	314242	315217	313721	314394	0.24	cps
Strontium	88-1	2818586	2842322	2812480	2824463	0.56	cps
Sulfur	34-1	170796	173661	174073	172843	1.03	cps
Terbium	159-1	16313289	16108094	16009120	16143501	0.96	cps
Terbium	159-2	11440094	11482642	11317930	11413556	0.75	cps
Thallium	203-1	2897	2830	2830	2853	1.35	cps
Thallium	205-1	6562	7122	6458	6714	5.32	cps
Tin	118-1	7515	7602	7349	7489	1.72	cps
Titanium	47-1	963378	970561	970661	968200	0.43	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ17	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:10:53	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31130	30649	31260	31013	1.04	cps
Vanadium	51-2	827152	822458	825630	825080	0.29	cps
Yttrium	89-1	16769965	16642761	16385205	16599310	1.18	cps
Yttrium	89-2	4506981	4441007	4443958	4463982	0.83	cps
Zinc	66-2	174075	173080	173323	173493	0.30	cps
Zirconium	90-1	227692	228439	230297	228809	0.59	cps
Zirconium	91-1	50450	51426	51165	51014	0.99	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:14:02	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11805267	11782361	11759892	11782507	0.19	cps
Antimony	121-1	3644	3470	3460	3525	2.92	cps
Arsenic	75-2	86460	84800	85467	85576	0.98	cps
Barium	135-1	1137146	1142964	1127852	1135987	0.67	cps
Barium	137-1	2044648	2072028	2026747	2047808	1.11	cps
Beryllium	9-1	2287	2077	2234	2199	4.96	cps
Bismuth	209-1	9838790	9544966	9285378	9556378	2.90	cps
Bismuth	209-2	8250314	8301532	8201822	8251223	0.60	cps
Bromine	81-1	15341	15048	15675	15355	2.04	cps
Bromine	81-2	677	590	577	614	8.84	cps
Cadmium	108-1	613	633	600	616	2.73	cps
Cadmium	106-1	5454	4851	4888	5064	6.68	cps
Cadmium	111-1	7969	7510	7351	7610	4.22	cps
Calcium	43-1	546758	555749	553941	552149	0.86	cps
Calcium	44-1	8574432	8708769	8537772	8606991	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253055	251972	251638	252222	0.29	cps
Cobalt	59-2	366126	362865	363409	364133	0.48	cps
Copper	63-2	1062333	1063203	1056898	1060811	0.32	cps
Dysprosium	156-1	135476	138848	138374	137566	1.33	cps
Dysprosium	156-2	122919	121479	121409	121936	0.70	cps
Erbium	164-1	112340	113318	112663	112773	0.44	cps
Erbium	164-2	84886	84202	84815	84634	0.44	cps
Gadolinium	160-1	130363	131655	130756	130925	0.51	cps
Gadolinium	160-2	101581	100111	100631	100775	0.74	cps
Holmium	165-1	16604673	15872387	15680309	16052456	3.04	cps
Holmium	165-2	11611311	11789188	11597967	11666155	0.92	cps
Indium	115-1	13647391	12710800	12481835	12946676	4.77	cps
Indium	115-2	4722091	4696912	4674860	4697955	0.50	cps
Iron	56-2	508074886	507731286	508285299	508030490	0.06	cps
Iron	57-2	12598690	12692457	12357287	12549478	1.38	cps
Iron	54-2	27839030	27557161	27185935	27527375	1.19	cps
Krypton	83-1	393	363	370	376	4.19	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:14:02	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	802186	821622	815112	812973	1.22	cps
Lead	207-1	739202	745166	740320	741563	0.43	cps
Lead	208-1	3372188	3448087	3391729	3404002	1.16	cps
Lithium	6-1	1723293	1641696	1628989	1664659	3.07	cps
Magnesium	24-2	8084769	7976487	7973156	8011471	0.79	cps
Manganese	55-2	8417739	8377406	8308053	8367733	0.66	cps
Molybdenum	94-1	120151	123656	120995	121601	1.50	cps
Molybdenum	95-1	6682	6775	6778	6745	0.81	cps
Molybdenum	96-1	32005	32062	31664	31910	0.67	cps
Molybdenum	97-1	4191	4481	4101	4257	4.67	cps
Molybdenum	98-1	10437	10300	10741	10493	2.15	cps
Neodymium	150-1	232368	235540	230447	232785	1.10	cps
Neodymium	150-2	147842	146013	145064	146307	0.97	cps
Nickel	60-2	95780	95287	93898	94988	1.03	cps
Phosphorus	31-2	45160	44458	44247	44622	1.07	cps
Potassium	39-2	6150246	6161205	6027733	6113061	1.21	cps
Rhodium	103-1	12460915	11599911	11565611	11875479	4.27	cps
Rhodium	103-2	7097777	7198994	7062687	7119819	0.99	cps
Scandium	45-1	7686048	7206069	7001562	7297893	4.81	cps
Scandium	45-2	615691	621596	616211	617833	0.53	cps
Selenium	82-1	558	563	490	537	7.65	cps
Selenium	77-2	423	453	427	434	3.79	cps
Selenium	78-2	820	757	797	791	4.05	cps
Silicon	28-1	8848902	8797200	8707662	8784588	0.81	cps
Silver	107-1	6431	7067	6690	6729	4.75	cps
Silver	109-1	5871	5895	5948	5905	0.67	cps
Sodium	23-2	129932	129381	128480	129265	0.57	cps
Strontium	86-1	286873	287120	282656	285550	0.88	cps
Strontium	88-1	2558993	2624969	2572044	2585335	1.35	cps
Sulfur	34-1	201861	198664	199234	199920	0.85	cps
Terbium	159-1	16948533	16129837	15883445	16320605	3.42	cps
Terbium	159-2	11408811	11400699	11479807	11429772	0.38	cps
Thallium	203-1	4301	4167	4494	4321	3.80	cps
Thallium	205-1	10000	10094	9827	9974	1.36	cps
Tin	118-1	18702	18993	19523	19073	2.18	cps
Titanium	47-1	967468	985515	963709	972231	1.20	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:14:02	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42849	43551	44377	43592	1.75	cps
Vanadium	51-2	776539	774274	770052	773622	0.43	cps
Yttrium	89-1	17453214	16586666	16686222	16908701	2.80	cps
Yttrium	89-2	4476529	4466683	4411973	4451728	0.78	cps
Zinc	66-2	429155	423841	425047	426015	0.65	cps
Zirconium	90-1	322386	326009	321262	323219	0.77	cps
Zirconium	91-1	72263	72799	70766	71943	1.47	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:17:07	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11762697	11701185	11581945	11681942	0.79	cps
Antimony	121-1	3150	3260	3097	3169	2.63	cps
Arsenic	75-2	84723	85232	84170	84709	0.63	cps
Barium	135-1	1139827	1132097	1131331	1134418	0.41	cps
Barium	137-1	2053995	2022153	2004705	2026951	1.23	cps
Beryllium	9-1	2217	2160	2330	2236	3.87	cps
Bismuth	209-1	9618224	9514601	9495891	9542905	0.69	cps
Bismuth	209-2	8238201	8246672	8226671	8237181	0.12	cps
Bromine	81-1	14938	15415	14691	15014	2.45	cps
Bromine	81-2	570	640	640	617	6.55	cps
Cadmium	108-1	600	637	537	591	8.56	cps
Cadmium	106-1	5261	4958	4998	5072	3.25	cps
Cadmium	111-1	7931	7424	7486	7614	3.63	cps
Calcium	43-1	550537	545520	544421	546826	0.60	cps
Calcium	44-1	8579620	8429829	8386307	8465252	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259848	257712	254713	257424	1.00	cps
Cobalt	59-2	356585	355436	353397	355139	0.45	cps
Copper	63-2	935318	934766	927716	932600	0.45	cps
Dysprosium	156-1	134934	134345	133059	134113	0.71	cps
Dysprosium	156-2	117627	118027	117836	117830	0.17	cps
Erbium	164-1	111221	111648	111420	111430	0.19	cps
Erbium	164-2	83487	82622	81861	82657	0.98	cps
Gadolinium	160-1	128281	128742	128193	128405	0.23	cps
Gadolinium	160-2	99748	99292	98325	99122	0.73	cps
Holmium	165-1	15977634	15732713	15767560	15825969	0.84	cps
Holmium	165-2	11583117	11709714	11615258	11636030	0.57	cps
Indium	115-1	13017941	12819528	12615035	12817501	1.57	cps
Indium	115-2	4744709	4776181	4719060	4746650	0.60	cps
Iron	56-2	507951352	503385286	499815993	503717544	0.81	cps
Iron	57-2	12518616	12529702	12371594	12473304	0.71	cps
Iron	54-2	27434804	27310680	27273975	27339820	0.31	cps
Krypton	83-1	373	343	503	407	20.91	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:17:07	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	815653	814949	812758	814453	0.19	cps
Lead	207-1	740922	737945	736529	738465	0.30	cps
Lead	208-1	3427318	3399610	3393667	3406865	0.53	cps
Lithium	6-1	1702551	1695341	1686737	1694876	0.47	cps
Magnesium	24-2	7974080	7913908	7908599	7932196	0.46	cps
Manganese	55-2	8321023	8369993	8279359	8323458	0.55	cps
Molybdenum	94-1	121337	121025	120275	120879	0.45	cps
Molybdenum	95-1	6555	6705	6772	6677	1.66	cps
Molybdenum	96-1	32459	32550	31544	32184	1.73	cps
Molybdenum	97-1	3997	4051	4014	4021	0.68	cps
Molybdenum	98-1	10450	10307	10184	10314	1.29	cps
Neodymium	150-1	226090	227550	226979	226873	0.32	cps
Neodymium	150-2	143404	142258	139616	141759	1.37	cps
Nickel	60-2	95173	94150	94096	94473	0.64	cps
Phosphorus	31-2	45427	44347	44143	44639	1.55	cps
Potassium	39-2	6144185	6105800	6099389	6116458	0.40	cps
Rhodium	103-1	11742184	11771800	11642914	11718966	0.58	cps
Rhodium	103-2	7019316	7153640	7051072	7074676	0.99	cps
Scandium	45-1	7323576	7239829	7098245	7220550	1.58	cps
Scandium	45-2	613997	616253	612929	614393	0.28	cps
Selenium	82-1	521	597	444	521	14.77	cps
Selenium	77-2	330	413	387	377	11.30	cps
Selenium	78-2	810	733	813	786	5.76	cps
Silicon	28-1	8743579	8766790	8705396	8738588	0.35	cps
Silver	107-1	6791	6765	6517	6691	2.26	cps
Silver	109-1	5818	5731	5588	5712	2.03	cps
Sodium	23-2	128080	126411	125029	126507	1.21	cps
Strontium	86-1	283933	284452	282224	283536	0.41	cps
Strontium	88-1	2590496	2576472	2502176	2556381	1.86	cps
Sulfur	34-1	199345	199238	197894	198826	0.41	cps
Terbium	159-1	16416205	16120881	16083214	16206767	1.13	cps
Terbium	159-2	11386711	11416961	11433916	11412529	0.21	cps
Thallium	203-1	4407	4437	4231	4359	2.56	cps
Thallium	205-1	10197	10484	10124	10268	1.85	cps
Tin	118-1	10951	10961	11128	11013	0.90	cps
Titanium	47-1	968559	954439	947848	956949	1.11	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:17:07	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43645	42899	43187	43243	0.87	cps
Vanadium	51-2	772889	770073	767416	770126	0.36	cps
Yttrium	89-1	16890844	16695041	16304901	16630262	1.79	cps
Yttrium	89-2	4375065	4460537	4383151	4406251	1.07	cps
Zinc	66-2	424999	426306	423303	424869	0.35	cps
Zirconium	90-1	317123	316538	315104	316255	0.33	cps
Zirconium	91-1	70880	69909	69426	70072	1.06	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 20:20:15	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2395529	2393609	2369164	2386101	0.62	cps
Antimony	121-1	713	723	793	743	5.86	cps
Arsenic	75-2	18011	17117	17407	17512	2.61	cps
Barium	135-1	222272	225710	225247	224410	0.83	cps
Barium	137-1	389103	390881	388764	389583	0.29	cps
Beryllium	9-1	433	460	443	446	3.02	cps
Bismuth	209-1	10441630	9477951	9435765	9785115	5.81	cps
Bismuth	209-2	8309607	8318660	8105837	8244701	1.46	cps
Bromine	81-1	13483	13006	13490	13326	2.08	cps
Bromine	81-2	193	230	193	206	10.30	cps
Cadmium	108-1	153	107	160	140	20.76	cps
Cadmium	106-1	4227	3600	3370	3733	11.88	cps
Cadmium	111-1	3705	3396	3061	3387	9.51	cps
Calcium	43-1	106850	109511	109595	108652	1.44	cps
Calcium	44-1	1651750	1707797	1692620	1684055	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51725	51869	52307	51967	0.58	cps
Cobalt	59-2	74205	74678	74386	74423	0.32	cps
Copper	63-2	216669	216886	217054	216869	0.09	cps
Dysprosium	156-1	27183	26492	27317	26997	1.64	cps
Dysprosium	156-2	23934	23830	24301	24022	1.03	cps
Erbium	164-1	21597	22178	22578	22118	2.23	cps
Erbium	164-2	16537	16486	16693	16572	0.65	cps
Gadolinium	160-1	24785	25323	25637	25248	1.71	cps
Gadolinium	160-2	20355	20008	20311	20225	0.94	cps
Holmium	165-1	17086033	15287039	15374805	15915959	6.37	cps
Holmium	165-2	11418146	11326987	11111861	11285664	1.39	cps
Indium	115-1	14164036	12712483	12734037	13203518	6.30	cps
Indium	115-2	4739066	4784335	4695703	4739701	0.94	cps
Iron	56-2	102705518	102338662	102260948	102435043	0.23	cps
Iron	57-2	2564565	2534679	2532180	2543808	0.71	cps
Iron	54-2	5545306	5581056	5553490	5559951	0.34	cps
Krypton	83-1	327	287	267	293	10.41	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 20:20:15	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	161895	163358	161693	162315	0.56	cps
Lead	207-1	146315	146648	145260	146075	0.50	cps
Lead	208-1	651342	654327	653194	652955	0.23	cps
Lithium	6-1	1777442	1638803	1618982	1678409	5.14	cps
Magnesium	24-2	1613039	1614871	1618375	1615428	0.17	cps
Manganese	55-2	1702427	1704048	1705319	1703931	0.09	cps
Molybdenum	94-1	23926	23843	23562	23777	0.80	cps
Molybdenum	95-1	1440	1277	1373	1363	6.02	cps
Molybdenum	96-1	6301	6301	6522	6375	1.99	cps
Molybdenum	97-1	900	863	1000	921	7.68	cps
Molybdenum	98-1	2110	2230	2080	2140	3.71	cps
Neodymium	150-1	46600	45898	45881	46126	0.89	cps
Neodymium	150-2	29130	28616	29838	29195	2.10	cps
Nickel	60-2	19353	19626	20174	19717	2.12	cps
Phosphorus	31-2	9263	9183	8939	9128	1.85	cps
Potassium	39-2	1289513	1284580	1297313	1290469	0.50	cps
Rhodium	103-1	13083043	11827611	11786520	12232391	6.02	cps
Rhodium	103-2	7190274	7120936	7142148	7151120	0.50	cps
Scandium	45-1	7529190	6854864	6940111	7108055	5.17	cps
Scandium	45-2	596089	596156	598434	596893	0.22	cps
Selenium	82-1	185	138	218	180	22.09	cps
Selenium	77-2	73	80	60	71	14.32	cps
Selenium	78-2	517	543	467	509	7.65	cps
Silicon	28-1	2409439	2407933	2423091	2413487	0.35	cps
Silver	107-1	1489	1440	1504	1478	2.29	cps
Silver	109-1	1240	1113	1183	1179	5.38	cps
Sodium	23-2	46470	46406	47630	46836	1.47	cps
Strontium	86-1	56572	56849	57274	56898	0.62	cps
Strontium	88-1	487023	494916	494103	492014	0.88	cps
Sulfur	34-1	166014	164063	164986	165021	0.59	cps
Terbium	159-1	17619303	15848596	15686024	16384641	6.54	cps
Terbium	159-2	11297257	11087612	11290291	11225053	1.06	cps
Thallium	203-1	1287	1240	1390	1306	5.88	cps
Thallium	205-1	3040	3177	3120	3113	2.21	cps
Tin	118-1	4231	3847	4007	4028	4.78	cps
Titanium	47-1	190286	191685	192457	191476	0.57	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 20:20:15	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8179	8273	8463	8305	1.74	cps
Vanadium	51-2	156289	155949	155622	155954	0.21	cps
Yttrium	89-1	16776159	15015315	15114253	15635242	6.33	cps
Yttrium	89-2	4099056	4097980	4086650	4094562	0.17	cps
Zinc	66-2	86468	86978	86170	86539	0.47	cps
Zirconium	90-1	62271	63018	63747	63012	1.17	cps
Zirconium	91-1	14100	14180	13907	14062	1.00	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:23:23	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11931342	11607656	11631841	11723613	1.54	cps
Antimony	121-1	1106053	1093908	1091634	1097198	0.71	cps
Arsenic	75-2	105582	105380	104740	105234	0.42	cps
Barium	135-1	7269749	7136002	7237156	7214303	0.97	cps
Barium	137-1	12482384	12431605	12304399	12406130	0.74	cps
Beryllium	9-1	64403	63998	63884	64095	0.43	cps
Bismuth	209-1	9630357	9644801	9433497	9569552	1.23	cps
Bismuth	209-2	8238929	8256953	8162175	8219352	0.61	cps
Bromine	81-1	14214	14030	14317	14187	1.02	cps
Bromine	81-2	610	607	637	618	2.66	cps
Cadmium	108-1	10254	10190	9967	10137	1.49	cps
Cadmium	106-1	18048	17828	17731	17869	0.91	cps
Cadmium	111-1	150323	150598	150748	150556	0.14	cps
Calcium	43-1	539674	537832	531842	536449	0.76	cps
Calcium	44-1	8395384	8429924	8318348	8381218	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1191423	1176655	1179149	1182409	0.67	cps
Cobalt	59-2	4141597	4081598	4067084	4096760	0.96	cps
Copper	63-2	2309987	2306485	2283971	2300147	0.61	cps
Dysprosium	156-1	134005	134699	133561	134088	0.43	cps
Dysprosium	156-2	116465	117970	116948	117128	0.66	cps
Erbium	164-1	110579	109672	111060	110437	0.64	cps
Erbium	164-2	80249	80064	80909	80407	0.55	cps
Gadolinium	160-1	128418	128469	127225	128037	0.55	cps
Gadolinium	160-2	98017	97949	97113	97693	0.52	cps
Holmium	165-1	15961736	15766759	15561298	15763264	1.27	cps
Holmium	165-2	11504692	11455986	11500841	11487173	0.24	cps
Indium	115-1	12978788	12673713	12648448	12766983	1.44	cps
Indium	115-2	4829036	4720223	4697645	4748968	1.48	cps
Iron	56-2	505172286	498295033	495486326	499651215	1.00	cps
Iron	57-2	12371364	12325162	12213346	12303291	0.66	cps
Iron	54-2	27525610	27090230	26893240	27169694	1.19	cps
Krypton	83-1	390	467	370	409	12.48	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:23:23	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	965773	976081	970936	970930	0.53	cps
Lead	207-1	863001	863814	862631	863149	0.07	cps
Lead	208-1	3987639	4001802	3994274	3994572	0.18	cps
Lithium	6-1	1674277	1623010	1621928	1639738	1.82	cps
Magnesium	24-2	7711777	7575466	7562752	7616665	1.08	cps
Manganese	55-2	10238360	10004843	10056862	10100022	1.21	cps
Molybdenum	94-1	118948	115702	116149	116933	1.50	cps
Molybdenum	95-1	6775	6548	6395	6573	2.91	cps
Molybdenum	96-1	31494	31323	30448	31089	1.80	cps
Molybdenum	97-1	3751	4164	4064	3993	5.40	cps
Molybdenum	98-1	10741	10070	10347	10386	3.24	cps
Neodymium	150-1	228538	226571	226632	227247	0.49	cps
Neodymium	150-2	144252	141380	141761	142464	1.09	cps
Nickel	60-2	1011152	1005195	996672	1004340	0.72	cps
Phosphorus	31-2	43488	42506	42963	42986	1.14	cps
Potassium	39-2	5982073	5947939	5853392	5927801	1.12	cps
Rhodium	103-1	11952549	11632773	11585613	11723645	1.70	cps
Rhodium	103-2	7141271	7099918	6993331	7078173	1.08	cps
Scandium	45-1	7308413	7222451	7114473	7215113	1.35	cps
Scandium	45-2	617240	612000	606037	611759	0.92	cps
Selenium	82-1	16831	16533	16606	16657	0.93	cps
Selenium	77-2	2090	2210	1900	2067	7.56	cps
Selenium	78-2	6638	6555	6582	6592	0.65	cps
Silicon	28-1	9380648	9539219	9145712	9355193	2.12	cps
Silver	107-1	732918	739933	737822	736891	0.49	cps
Silver	109-1	697721	699579	692487	696596	0.53	cps
Sodium	23-2	123174	120527	120534	121412	1.26	cps
Strontium	86-1	282071	281442	276146	279886	1.16	cps
Strontium	88-1	2552568	2497412	2483857	2511279	1.45	cps
Sulfur	34-1	191102	188352	190039	189831	0.73	cps
Terbium	159-1	16159880	16127640	15881624	16056381	0.95	cps
Terbium	159-2	11431249	11324465	11186585	11314100	1.08	cps
Thallium	203-1	517597	512283	515307	515062	0.52	cps
Thallium	205-1	1220399	1218105	1211328	1216610	0.39	cps
Tin	118-1	10711	10591	10647	10650	0.56	cps
Titanium	47-1	960280	955816	943458	953185	0.91	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:23:23	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42662	42712	41571	42315	1.52	cps
Vanadium	51-2	2850356	2808188	2835982	2831509	0.76	cps
Yttrium	89-1	16872325	16475143	16219642	16522370	1.99	cps
Yttrium	89-2	4462689	4488658	4411289	4454212	0.88	cps
Zinc	66-2	860282	852933	848350	853855	0.70	cps
Zirconium	90-1	316884	313745	309796	313475	1.13	cps
Zirconium	91-1	68974	69450	69383	69269	0.37	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:26:24	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12603514	12703224	12670650	12659129	0.40	cps
Antimony	121-1	4473358	4458621	4494197	4475392	0.40	cps
Arsenic	75-2	173642	170723	170510	171625	1.02	cps
Barium	135-1	21884036	22302799	22305286	22164040	1.09	cps
Barium	137-1	38363398	38301228	38346624	38337083	0.08	cps
Beryllium	9-1	215848	216847	216629	216441	0.24	cps
Bismuth	209-1	10048263	9619681	9546818	9738254	2.78	cps
Bismuth	209-2	8216889	8252769	8402179	8290613	1.19	cps
Bromine	81-1	13863	13670	13760	13764	0.70	cps
Bromine	81-2	670	540	553	588	12.17	cps
Cadmium	108-1	36887	37348	38073	37436	1.60	cps
Cadmium	106-1	55663	55757	55271	55563	0.46	cps
Cadmium	111-1	564455	574343	570310	569703	0.87	cps
Calcium	43-1	510912	517810	515236	514653	0.68	cps
Calcium	44-1	8111365	7988766	7988915	8029682	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3494433	3442940	3429076	3455483	1.00	cps
Cobalt	59-2	13113293	13037200	13039290	13063261	0.33	cps
Copper	63-2	5412609	5349726	5419979	5394104	0.72	cps
Dysprosium	156-1	128293	130452	129117	129287	0.84	cps
Dysprosium	156-2	114660	116131	115873	115555	0.68	cps
Erbium	164-1	107294	107623	108137	107685	0.39	cps
Erbium	164-2	80544	79752	79904	80067	0.52	cps
Gadolinium	160-1	124124	125567	125048	124913	0.59	cps
Gadolinium	160-2	96758	97043	96757	96853	0.17	cps
Holmium	165-1	16382609	15615856	15527519	15841994	2.97	cps
Holmium	165-2	11653688	11640039	11726928	11673552	0.40	cps
Indium	115-1	13254426	12648577	12547021	12816675	2.98	cps
Indium	115-2	4672483	4620478	4632374	4641779	0.59	cps
Iron	56-2	492840979	493764873	482573539	489726464	1.27	cps
Iron	57-2	12252832	12129593	12059501	12147308	0.81	cps
Iron	54-2	26962337	26520350	26353025	26611904	1.18	cps
Krypton	83-1	370	360	353	361	2.32	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:26:24	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1454578	1475145	1486582	1472102	1.10	cps
Lead	207-1	1263034	1272325	1285732	1273697	0.90	cps
Lead	208-1	5970928	6038782	6047542	6019084	0.70	cps
Lithium	6-1	1667141	1627542	1608321	1634335	1.84	cps
Magnesium	24-2	7416889	7455043	7356080	7409338	0.67	cps
Manganese	55-2	14405682	14258372	14024994	14229683	1.35	cps
Molybdenum	94-1	112491	113979	113183	113218	0.66	cps
Molybdenum	95-1	6542	6688	6311	6514	2.92	cps
Molybdenum	96-1	29914	29981	30448	30114	0.97	cps
Molybdenum	97-1	3791	3837	3817	3815	0.61	cps
Molybdenum	98-1	10627	10234	10050	10304	2.86	cps
Neodymium	150-1	219459	223517	222498	221825	0.95	cps
Neodymium	150-2	139422	137543	138744	138570	0.69	cps
Nickel	60-2	3364668	3395262	3357706	3372545	0.59	cps
Phosphorus	31-2	41693	40905	40524	41040	1.45	cps
Potassium	39-2	5760088	5705708	5663692	5709829	0.85	cps
Rhodium	103-1	12015061	11414584	11442937	11624194	2.91	cps
Rhodium	103-2	6966681	6954733	6979050	6966821	0.17	cps
Scandium	45-1	7409818	6952794	6815232	7059281	4.41	cps
Scandium	45-2	594352	595282	592305	593979	0.26	cps
Selenium	82-1	74676	75227	75432	75112	0.52	cps
Selenium	77-2	8619	8426	8276	8440	2.04	cps
Selenium	78-2	27943	27472	27686	27700	0.85	cps
Silicon	28-1	9108182	9360957	9232570	9233903	1.37	cps
Silver	107-1	1418739	1745882	1919355	1694659	15.00	cps
Silver	109-1	1464079	1744783	1638087	1615650	8.77	cps
Sodium	23-2	121124	119899	117806	119610	1.40	cps
Strontium	86-1	268005	273635	269114	270252	1.10	cps
Strontium	88-1	2385590	2434556	2360326	2393491	1.58	cps
Sulfur	34-1	182407	179099	180793	180766	0.92	cps
Terbium	159-1	16739414	15883727	15974082	16199074	2.90	cps
Terbium	159-2	11367802	11344481	11260041	11324108	0.50	cps
Thallium	203-1	2122507	2180993	2156624	2153375	1.36	cps
Thallium	205-1	5092798	5130245	5177855	5133633	0.83	cps
Tin	118-1	10294	10611	10501	10468	1.54	cps
Titanium	47-1	912622	927142	917414	919060	0.80	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:26:24	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41689	41766	42043	41832	0.45	cps
Vanadium	51-2	7729970	7741399	7666674	7712681	0.52	cps
Yttrium	89-1	16744811	16292675	15966162	16334549	2.39	cps
Yttrium	89-2	4356530	4323388	4380396	4353438	0.66	cps
Zinc	66-2	2028560	1976539	2017878	2007659	1.37	cps
Zirconium	90-1	300400	301083	301198	300894	0.14	cps
Zirconium	91-1	66376	67547	67789	67237	1.12	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-01	Instrumnet Name :	P7
Client Sample ID :	MYCZB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:29:17	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26277253	26294900	26426546	26332900	0.31	cps
Antimony	121-1	8586	8923	8873	8794	2.07	cps
Arsenic	75-2	65433	64560	64519	64837	0.80	cps
Barium	135-1	246183	248218	248197	247533	0.47	cps
Barium	137-1	426823	430603	430787	429404	0.52	cps
Beryllium	9-1	807	877	947	877	7.99	cps
Bismuth	209-1	9165522	9256948	9265398	9229289	0.60	cps
Bismuth	209-2	7972619	8020466	7916656	7969914	0.65	cps
Bromine	81-1	14167	14020	13977	14055	0.71	cps
Bromine	81-2	327	353	363	348	5.45	cps
Cadmium	108-1	203	210	207	207	1.61	cps
Cadmium	106-1	3991	3837	3767	3865	2.96	cps
Cadmium	111-1	4169	4203	4063	4145	1.76	cps
Calcium	43-1	486921	492443	492281	490548	0.64	cps
Calcium	44-1	7554592	7635181	7590469	7593414	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1360232	1346127	1336853	1347737	0.87	cps
Cobalt	59-2	1189822	1186537	1196559	1190973	0.43	cps
Copper	63-2	2366284	2348720	2360447	2358484	0.38	cps
Dysprosium	156-1	40301	39997	40732	40343	0.92	cps
Dysprosium	156-2	32210	31766	32805	32260	1.62	cps
Erbium	164-1	58395	58933	59101	58810	0.63	cps
Erbium	164-2	44036	43370	43735	43714	0.76	cps
Gadolinium	160-1	44554	45066	45136	44918	0.71	cps
Gadolinium	160-2	35455	35174	35044	35224	0.60	cps
Holmium	165-1	15533771	15506054	15480834	15506886	0.17	cps
Holmium	165-2	11514128	11614476	11408290	11512298	0.90	cps
Indium	115-1	12355819	12435335	12412400	12401185	0.33	cps
Indium	115-2	4710472	4708642	4670086	4696400	0.49	cps
Iron	56-2	1075277451	1070091877	1084187291	1076518873	0.66	cps
Iron	57-2	26522300	26523128	26520245	26521891	0.01	cps
Iron	54-2	58110477	58038734	58858202	58335805	0.78	cps
Krypton	83-1	323	303	333	320	4.77	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-01	Instrumnet Name :	P7
Client Sample ID :	MYCZB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:29:17	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	28597	29499	29946	29347	2.34	cps
Lead	207-1	24679	24919	24893	24831	0.53	cps
Lead	208-1	112350	114972	115069	114130	1.35	cps
Lithium	6-1	1601111	1586347	1584279	1590579	0.58	cps
Magnesium	24-2	29483748	29113283	29388299	29328443	0.66	cps
Manganese	55-2	18100599	18192439	18281463	18191501	0.50	cps
Molybdenum	94-1	18999	19607	19677	19427	1.92	cps
Molybdenum	95-1	4717	5041	5068	4942	3.94	cps
Molybdenum	96-1	18292	18969	18655	18639	1.82	cps
Molybdenum	97-1	2847	3014	3040	2967	3.53	cps
Molybdenum	98-1	6982	7275	7245	7167	2.25	cps
Neodymium	150-1	40217	40906	40000	40374	1.17	cps
Neodymium	150-2	25583	25590	26037	25737	1.01	cps
Nickel	60-2	378312	375697	377601	377203	0.36	cps
Phosphorus	31-2	14650	14454	14647	14584	0.77	cps
Potassium	39-2	707865	707046	712690	709201	0.43	cps
Rhodium	103-1	11199851	11381196	11382704	11321250	0.93	cps
Rhodium	103-2	6987296	6996595	7030439	7004777	0.32	cps
Scandium	45-1	7334395	7431232	7527199	7430942	1.30	cps
Scandium	45-2	664138	665350	671737	667075	0.61	cps
Selenium	82-1	369	404	301	358	14.60	cps
Selenium	77-2	63	90	100	84	22.45	cps
Selenium	78-2	597	570	580	582	2.31	cps
Silicon	28-1	26492445	26971849	27002020	26822105	1.07	cps
Silver	107-1	2981	2767	2547	2765	7.85	cps
Silver	109-1	2707	2477	2307	2497	8.04	cps
Sodium	23-2	404864	401639	405285	403930	0.49	cps
Strontium	86-1	308081	312997	313722	311600	0.98	cps
Strontium	88-1	2777907	2826957	2857906	2820923	1.43	cps
Sulfur	34-1	153091	155532	155755	154792	0.95	cps
Terbium	159-1	15601790	15852895	15871522	15775402	0.95	cps
Terbium	159-2	11294028	11226543	11293783	11271451	0.35	cps
Thallium	203-1	2290	2137	1920	2116	8.79	cps
Thallium	205-1	4901	4788	4721	4803	1.90	cps
Tin	118-1	7085	6838	7065	6996	1.96	cps
Titanium	47-1	5283360	5335811	5344198	5321123	0.62	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-01	Instrumnet Name :	P7
Client Sample ID :	MYCZB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:29:17	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7215	7149	7122	7162	0.67	cps
Vanadium	51-2	2636437	2664290	2680847	2660525	0.84	cps
Yttrium	89-1	15589211	15633797	15718323	15647110	0.42	cps
Yttrium	89-2	4282780	4347483	4379402	4336555	1.14	cps
Zinc	66-2	250335	250989	250832	250719	0.14	cps
Zirconium	90-1	43872	44838	45296	44669	1.63	cps
Zirconium	91-1	10237	10147	9857	10080	1.97	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-02	Instrumnet Name :	P7
Client Sample ID :	MYCZC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:32:23	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25695926	25825775	25577179	25699627	0.48	cps
Antimony	121-1	27379	27683	27860	27641	0.88	cps
Arsenic	75-2	216804	215988	215867	216219	0.24	cps
Barium	135-1	675456	679423	679636	678172	0.35	cps
Barium	137-1	1180205	1177356	1171260	1176273	0.39	cps
Beryllium	9-1	1273	1333	1390	1332	4.38	cps
Bismuth	209-1	9518264	9576413	9490792	9528490	0.46	cps
Bismuth	209-2	8322407	8257556	8134766	8238243	1.16	cps
Bromine	81-1	15628	15632	15628	15629	0.01	cps
Bromine	81-2	607	703	680	663	7.60	cps
Cadmium	108-1	2104	2140	2184	2142	1.87	cps
Cadmium	106-1	7265	6788	6915	6990	3.53	cps
Cadmium	111-1	31827	30871	31476	31391	1.54	cps
Calcium	43-1	435447	434299	435219	434988	0.14	cps
Calcium	44-1	6781989	6765320	6762496	6769935	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1648069	1604976	1651921	1634989	1.59	cps
Cobalt	59-2	1063719	1057732	1048805	1056752	0.71	cps
Copper	63-2	8228850	8188444	8131850	8183048	0.60	cps
Dysprosium	156-1	71383	71933	72365	71894	0.68	cps
Dysprosium	156-2	58581	59458	59027	59022	0.74	cps
Erbium	164-1	83085	85613	85818	84839	1.79	cps
Erbium	164-2	63634	62613	64039	63429	1.16	cps
Gadolinium	160-1	75415	76990	76082	76162	1.04	cps
Gadolinium	160-2	59549	59100	58491	59047	0.90	cps
Holmium	165-1	15681681	15676782	15772879	15710447	0.34	cps
Holmium	165-2	11711354	11583632	11593125	11629370	0.61	cps
Indium	115-1	12621467	12679580	12480117	12593721	0.81	cps
Indium	115-2	4759037	4733049	4665363	4719149	1.02	cps
Iron	56-2	1008845025	1000746945	1003284678	1004292216	0.41	cps
Iron	57-2	25006120	24991905	24918914	24972313	0.19	cps
Iron	54-2	54978414	54789243	54785069	54850909	0.20	cps
Krypton	83-1	373	410	317	367	12.82	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-02	Instrumnet Name :	P7
Client Sample ID :	MYCZC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:32:23	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3647219	3720999	3674918	3681046	1.01	cps
Lead	207-1	3291128	3282145	3349643	3307639	1.11	cps
Lead	208-1	14716931	14881326	14804731	14800996	0.56	cps
Lithium	6-1	1586808	1619271	1612778	1606286	1.07	cps
Magnesium	24-2	26452370	26565413	26344857	26454213	0.42	cps
Manganese	55-2	16802759	16847349	16799711	16816606	0.16	cps
Molybdenum	94-1	69262	69149	68894	69102	0.27	cps
Molybdenum	95-1	10801	11131	10881	10938	1.58	cps
Molybdenum	96-1	32453	32252	32426	32377	0.34	cps
Molybdenum	97-1	6625	6742	6732	6699	0.97	cps
Molybdenum	98-1	16780	16650	17053	16828	1.22	cps
Neodymium	150-1	91417	92155	92762	92111	0.73	cps
Neodymium	150-2	57862	57604	57824	57763	0.24	cps
Nickel	60-2	397412	392811	392812	394345	0.67	cps
Phosphorus	31-2	20948	21519	21432	21299	1.44	cps
Potassium	39-2	3094687	3094201	3099357	3096081	0.09	cps
Rhodium	103-1	11636616	11482466	11529188	11549423	0.68	cps
Rhodium	103-2	7005648	6965909	7031369	7000975	0.47	cps
Scandium	45-1	7869015	7812258	7794909	7825394	0.50	cps
Scandium	45-2	683420	683866	679594	682293	0.34	cps
Selenium	82-1	918	879	829	876	5.10	cps
Selenium	77-2	227	237	200	221	8.57	cps
Selenium	78-2	813	793	813	807	1.43	cps
Silicon	28-1	22994551	23545353	23151485	23230463	1.22	cps
Silver	107-1	41868	42364	41758	41997	0.77	cps
Silver	109-1	39510	39183	39360	39351	0.42	cps
Sodium	23-2	122543	121222	120880	121548	0.72	cps
Strontium	86-1	261968	262852	259925	261581	0.57	cps
Strontium	88-1	2363480	2382419	2334845	2360248	1.01	cps
Sulfur	34-1	176948	177720	175885	176851	0.52	cps
Terbium	159-1	15981255	15847994	16029587	15952945	0.59	cps
Terbium	159-2	11517681	11404643	11137483	11353269	1.72	cps
Thallium	203-1	4431	4311	4594	4445	3.20	cps
Thallium	205-1	10568	10531	10451	10516	0.57	cps
Tin	118-1	23109	23105	22845	23020	0.66	cps
Titanium	47-1	2252584	2264372	2239422	2252126	0.55	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-02	Instrumnet Name :	P7
Client Sample ID :	MYCZC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:32:23	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26476	26997	26490	26655	1.11	cps
Vanadium	51-2	2454093	2499822	2446708	2466874	1.17	cps
Yttrium	89-1	16437339	16277416	16043075	16252610	1.22	cps
Yttrium	89-2	4477605	4469144	4459901	4468883	0.20	cps
Zinc	66-2	803405	804545	803900	803950	0.07	cps
Zirconium	90-1	170085	172146	169873	170701	0.74	cps
Zirconium	91-1	39032	38998	37799	38610	1.82	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-03	Instrumnet Name :	P7
Client Sample ID :	MYCZC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:35:23	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19808171	19960121	19755128	19841140	0.54	cps
Antimony	121-1	7699	7766	7776	7747	0.54	cps
Arsenic	75-2	81023	80185	80848	80685	0.55	cps
Barium	135-1	436153	437517	435317	436329	0.25	cps
Barium	137-1	759505	759945	760496	759982	0.07	cps
Beryllium	9-1	1253	1027	1173	1151	9.99	cps
Bismuth	209-1	9525028	9421509	9298052	9414863	1.21	cps
Bismuth	209-2	8141384	8067501	8039676	8082853	0.65	cps
Bromine	81-1	15108	15565	14854	15176	2.37	cps
Bromine	81-2	530	470	477	492	6.68	cps
Cadmium	108-1	447	420	437	434	3.10	cps
Cadmium	106-1	4761	4317	4197	4425	6.71	cps
Cadmium	111-1	6210	5961	5919	6030	2.61	cps
Calcium	43-1	533740	534915	530984	533213	0.38	cps
Calcium	44-1	8299882	8382862	8229168	8303971	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1002928	1000357	1003197	1002161	0.16	cps
Cobalt	59-2	1007225	1007819	1003950	1006331	0.21	cps
Copper	63-2	2324257	2353163	2365462	2347627	0.90	cps
Dysprosium	156-1	62046	62006	61417	61823	0.57	cps
Dysprosium	156-2	52002	51691	51434	51709	0.55	cps
Erbium	164-1	71887	72078	71378	71781	0.50	cps
Erbium	164-2	52886	52970	52655	52837	0.31	cps
Gadolinium	160-1	65981	64919	65505	65469	0.81	cps
Gadolinium	160-2	50424	50046	50066	50178	0.42	cps
Holmium	165-1	16046337	15984725	15573727	15868263	1.62	cps
Holmium	165-2	11498554	11508943	11686667	11564721	0.91	cps
Indium	115-1	12890327	12548866	12882026	12773740	1.52	cps
Indium	115-2	4753457	4764132	4759491	4759027	0.11	cps
Iron	56-2	836798761	828628788	831760894	832396148	0.50	cps
Iron	57-2	20460815	20528269	20485089	20491391	0.17	cps
Iron	54-2	45218299	44877528	44810999	44968942	0.49	cps
Krypton	83-1	300	357	380	346	11.91	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-03	Instrumnet Name :	P7
Client Sample ID :	MYCZC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:35:23	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	367806	369909	367417	368377	0.36	cps
Lead	207-1	318696	319282	316321	318100	0.49	cps
Lead	208-1	1443573	1455895	1442415	1447294	0.52	cps
Lithium	6-1	1659063	1630681	1640796	1643513	0.88	cps
Magnesium	24-2	20356158	20463996	20147442	20322532	0.79	cps
Manganese	55-2	15550252	15306134	15449466	15435284	0.79	cps
Molybdenum	94-1	49065	49400	47871	48779	1.65	cps
Molybdenum	95-1	5154	5178	5241	5191	0.86	cps
Molybdenum	96-1	21536	22257	21232	21675	2.43	cps
Molybdenum	97-1	3157	3140	3187	3161	0.75	cps
Molybdenum	98-1	8086	7705	8122	7971	2.90	cps
Neodymium	150-1	84085	83894	83378	83786	0.44	cps
Neodymium	150-2	51922	52337	53009	52422	1.05	cps
Nickel	60-2	305507	302712	302469	303563	0.56	cps
Phosphorus	31-2	18358	18578	18615	18517	0.75	cps
Potassium	39-2	1565792	1550946	1576706	1564481	0.83	cps
Rhodium	103-1	11812592	11704848	11713516	11743652	0.51	cps
Rhodium	103-2	7129832	7046704	7157395	7111310	0.81	cps
Scandium	45-1	7677570	7661706	7641133	7660136	0.24	cps
Scandium	45-2	657845	657177	662217	659079	0.42	cps
Selenium	82-1	524	406	458	462	12.84	cps
Selenium	77-2	183	200	207	197	6.11	cps
Selenium	78-2	670	550	633	618	9.95	cps
Silicon	28-1	27372140	27205318	27376768	27318075	0.36	cps
Silver	107-1	6636	6735	6599	6657	1.05	cps
Silver	109-1	6121	6378	5928	6142	3.68	cps
Sodium	23-2	212103	210519	208876	210499	0.77	cps
Strontium	86-1	344265	346280	345614	345386	0.30	cps
Strontium	88-1	3152157	3141957	3055499	3116538	1.70	cps
Sulfur	34-1	166796	169121	168683	168200	0.73	cps
Terbium	159-1	16233449	15928811	16157646	16106635	0.98	cps
Terbium	159-2	11600543	11196763	11342209	11379838	1.80	cps
Thallium	203-1	2460	2430	2087	2326	8.92	cps
Thallium	205-1	5581	5374	5154	5370	3.98	cps
Tin	118-1	9030	8829	9106	8988	1.59	cps
Titanium	47-1	3674882	3679812	3622276	3658990	0.87	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-03	Instrumnet Name :	P7
Client Sample ID :	MYCZC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:35:23	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21421	21237	21384	21347	0.45	cps
Vanadium	51-2	1980921	1967632	1952936	1967163	0.71	cps
Yttrium	89-1	16427346	16504976	16301087	16411136	0.63	cps
Yttrium	89-2	4413359	4327333	4453380	4398024	1.46	cps
Zinc	66-2	249598	249064	248890	249184	0.15	cps
Zirconium	90-1	123050	124351	123766	123722	0.53	cps
Zirconium	91-1	27730	28150	27539	27806	1.12	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-04	Instrumnet Name :	P7
Client Sample ID :	MYCZC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:38:29	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19725945	20021074	19803990	19850336	0.77	cps
Antimony	121-1	6422	6528	6718	6556	2.29	cps
Arsenic	75-2	74452	74639	73859	74317	0.55	cps
Barium	135-1	466239	466248	463731	465406	0.31	cps
Barium	137-1	805155	804629	810427	806737	0.40	cps
Beryllium	9-1	1263	1230	1283	1259	2.14	cps
Bismuth	209-1	9324754	9157654	9207187	9229865	0.93	cps
Bismuth	209-2	7929892	8087439	7838861	7952064	1.58	cps
Bromine	81-1	15178	15358	15335	15290	0.64	cps
Bromine	81-2	510	510	497	506	1.52	cps
Cadmium	108-1	353	427	330	370	13.63	cps
Cadmium	106-1	4547	4331	4377	4418	2.58	cps
Cadmium	111-1	5845	5785	5823	5817	0.52	cps
Calcium	43-1	526402	524874	525559	525612	0.15	cps
Calcium	44-1	8217119	8170624	8149836	8179193	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	914240	905382	911066	910229	0.49	cps
Cobalt	59-2	1012613	1009409	1010325	1010782	0.16	cps
Copper	63-2	2254696	2263025	2264396	2260706	0.23	cps
Dysprosium	156-1	63131	63750	62980	63287	0.64	cps
Dysprosium	156-2	53194	52093	52879	52722	1.08	cps
Erbium	164-1	75013	75325	74896	75078	0.30	cps
Erbium	164-2	55804	55449	55506	55587	0.34	cps
Gadolinium	160-1	66175	66316	66024	66172	0.22	cps
Gadolinium	160-2	52053	51411	50159	51208	1.88	cps
Holmium	165-1	15618964	15521171	15319160	15486431	0.99	cps
Holmium	165-2	11507875	11493159	11556886	11519307	0.29	cps
Indium	115-1	12686101	12525119	12530843	12580687	0.73	cps
Indium	115-2	4677243	4740843	4713966	4710684	0.68	cps
Iron	56-2	846641134	844872254	838647988	843387125	0.50	cps
Iron	57-2	21055468	20775883	20764367	20865240	0.79	cps
Iron	54-2	45929309	45912499	45517388	45786399	0.51	cps
Krypton	83-1	360	327	290	326	10.75	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-04	Instrumnet Name :	P7
Client Sample ID :	MYCZC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:38:29	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	289141	291651	290476	290423	0.43	cps
Lead	207-1	250079	250592	252514	251061	0.51	cps
Lead	208-1	1136097	1140551	1142920	1139856	0.30	cps
Lithium	6-1	1660284	1658045	1604057	1640796	1.94	cps
Magnesium	24-2	19717870	19851865	19452080	19673938	1.03	cps
Manganese	55-2	15467404	15318887	15198181	15328157	0.88	cps
Molybdenum	94-1	48226	49406	48911	48848	1.21	cps
Molybdenum	95-1	6512	6675	6608	6598	1.25	cps
Molybdenum	96-1	23486	23209	22891	23195	1.28	cps
Molybdenum	97-1	3984	4067	4031	4027	1.04	cps
Molybdenum	98-1	10277	9960	10337	10191	1.99	cps
Neodymium	150-1	80964	81903	81276	81381	0.59	cps
Neodymium	150-2	50734	51691	51798	51408	1.14	cps
Nickel	60-2	281291	277101	278006	278799	0.79	cps
Phosphorus	31-2	18017	17717	18027	17921	0.98	cps
Potassium	39-2	1612624	1580284	1603161	1598690	1.04	cps
Rhodium	103-1	11688374	11450657	11471272	11536767	1.14	cps
Rhodium	103-2	7073951	7087759	7046546	7069419	0.30	cps
Scandium	45-1	7578925	7612937	7559614	7583825	0.36	cps
Scandium	45-2	653618	650999	652898	652505	0.21	cps
Selenium	82-1	445	376	522	448	16.24	cps
Selenium	77-2	140	147	187	158	16.00	cps
Selenium	78-2	690	627	573	630	9.27	cps
Silicon	28-1	22808612	23045615	22840221	22898149	0.56	cps
Silver	107-1	5235	5510	5498	5415	2.87	cps
Silver	109-1	4784	5138	4778	4900	4.20	cps
Sodium	23-2	196551	193358	196017	195309	0.88	cps
Strontium	86-1	349120	350273	349874	349756	0.17	cps
Strontium	88-1	3113021	3143887	3110353	3122420	0.60	cps
Sulfur	34-1	170256	169653	170196	170035	0.20	cps
Terbium	159-1	16003674	16000839	16038938	16014484	0.13	cps
Terbium	159-2	11386804	11299003	11198641	11294816	0.83	cps
Thallium	203-1	2347	2330	2330	2336	0.41	cps
Thallium	205-1	5581	5871	5891	5781	3.00	cps
Tin	118-1	8342	8793	8342	8493	3.06	cps
Titanium	47-1	3871052	3902717	3888493	3887420	0.41	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-04	Instrumnet Name :	P7
Client Sample ID :	MYCZC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:38:29	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20987	20760	21281	21009	1.24	cps
Vanadium	51-2	2051192	2028789	2033595	2037859	0.58	cps
Yttrium	89-1	16403089	16044787	16037419	16161765	1.29	cps
Yttrium	89-2	4395443	4316998	4330349	4347597	0.97	cps
Zinc	66-2	243893	243642	243412	243649	0.10	cps
Zirconium	90-1	122868	123128	120761	122252	1.06	cps
Zirconium	91-1	27649	27032	26688	27123	1.80	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-05	Instrumnet Name :	P7
Client Sample ID :	MYCZC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:41:32	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22850119	23050059	22762500	22887559	0.64	cps
Antimony	121-1	6798	7275	6975	7016	3.44	cps
Arsenic	75-2	81247	82216	81381	81615	0.64	cps
Barium	135-1	498835	495012	500615	498154	0.57	cps
Barium	137-1	862817	867913	862399	864376	0.36	cps
Beryllium	9-1	1260	1267	1227	1251	1.71	cps
Bismuth	209-1	9157967	9144605	9171120	9157897	0.14	cps
Bismuth	209-2	7972702	7893929	7869995	7912209	0.68	cps
Bromine	81-1	15338	15031	15328	15232	1.14	cps
Bromine	81-2	527	543	573	548	4.32	cps
Cadmium	108-1	423	433	430	429	1.19	cps
Cadmium	106-1	4537	4474	4307	4440	2.68	cps
Cadmium	111-1	6321	6284	6199	6268	0.99	cps
Calcium	43-1	589928	586882	588349	588386	0.26	cps
Calcium	44-1	9120250	9244632	9100893	9155259	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1078934	1072578	1078247	1076587	0.32	cps
Cobalt	59-2	1201985	1202510	1192999	1199164	0.45	cps
Copper	63-2	2644545	2654146	2629073	2642588	0.48	cps
Dysprosium	156-1	68228	67819	69337	68461	1.15	cps
Dysprosium	156-2	57383	56885	56958	57075	0.47	cps
Erbium	164-1	81687	81067	81546	81433	0.40	cps
Erbium	164-2	61337	61320	60674	61111	0.62	cps
Gadolinium	160-1	72315	72409	72680	72468	0.26	cps
Gadolinium	160-2	55861	55262	55988	55703	0.70	cps
Holmium	165-1	15414418	15611529	15344952	15456966	0.89	cps
Holmium	165-2	11468282	11490376	11346107	11434921	0.68	cps
Indium	115-1	12578117	12563420	12405779	12515772	0.76	cps
Indium	115-2	4695618	4678588	4600348	4658184	1.09	cps
Iron	56-2	974238705	960374412	960358786	964990635	0.83	cps
Iron	57-2	23845244	24145038	23765293	23918525	0.84	cps
Iron	54-2	52991066	52522991	52317374	52610477	0.66	cps
Krypton	83-1	330	370	373	358	6.74	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-05	Instrumnet Name :	P7
Client Sample ID :	MYCZC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:41:32	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	309862	308063	309331	309086	0.30	cps
Lead	207-1	264687	266442	264662	265264	0.38	cps
Lead	208-1	1208996	1211027	1212813	1210945	0.16	cps
Lithium	6-1	1619228	1614664	1620557	1618150	0.19	cps
Magnesium	24-2	23267295	23311098	23097372	23225255	0.49	cps
Manganese	55-2	17976860	17709866	17727773	17804833	0.84	cps
Molybdenum	94-1	52166	51243	52112	51840	1.00	cps
Molybdenum	95-1	7489	7475	7415	7460	0.52	cps
Molybdenum	96-1	26621	25833	25446	25967	2.31	cps
Molybdenum	97-1	4601	4778	4641	4673	1.98	cps
Molybdenum	98-1	11485	11158	11578	11407	1.93	cps
Neodymium	150-1	85892	86238	86812	86314	0.54	cps
Neodymium	150-2	55542	53742	53621	54302	1.98	cps
Nickel	60-2	328966	327992	324390	327116	0.74	cps
Phosphorus	31-2	19533	19719	19976	19743	1.13	cps
Potassium	39-2	1602658	1597111	1590791	1596853	0.37	cps
Rhodium	103-1	11505467	11460973	11454464	11473635	0.24	cps
Rhodium	103-2	6988647	6922345	6927906	6946299	0.53	cps
Scandium	45-1	7549033	7627722	7547380	7574712	0.61	cps
Scandium	45-2	659543	658510	658642	658898	0.09	cps
Selenium	82-1	410	412	346	389	9.68	cps
Selenium	77-2	213	177	177	189	11.21	cps
Selenium	78-2	693	653	620	656	5.60	cps
Silicon	28-1	19158937	19397593	19504236	19353589	0.91	cps
Silver	107-1	5993	5714	5813	5840	2.42	cps
Silver	109-1	5314	5394	5101	5270	2.88	cps
Sodium	23-2	220086	218795	217700	218860	0.55	cps
Strontium	86-1	388482	390973	387818	389091	0.43	cps
Strontium	88-1	3475495	3492991	3454845	3474444	0.55	cps
Sulfur	34-1	171807	172076	174022	172635	0.70	cps
Terbium	159-1	15913883	15835526	15878263	15875891	0.25	cps
Terbium	159-2	11248794	11169536	11222525	11213618	0.36	cps
Thallium	203-1	2627	2567	2484	2559	2.81	cps
Thallium	205-1	6198	5895	5658	5917	4.58	cps
Tin	118-1	10057	9927	9767	9917	1.47	cps
Titanium	47-1	4324697	4410711	4317372	4350927	1.19	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-05	Instrumnet Name :	P7
Client Sample ID :	MYCZC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:41:32	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21905	22489	22306	22233	1.34	cps
Vanadium	51-2	2311001	2335866	2301536	2316134	0.77	cps
Yttrium	89-1	16240411	16340782	16154679	16245290	0.57	cps
Yttrium	89-2	4395410	4378864	4343717	4372664	0.60	cps
Zinc	66-2	279216	279341	277585	278714	0.35	cps
Zirconium	90-1	127463	128553	129236	128417	0.70	cps
Zirconium	91-1	28658	28792	28959	28803	0.52	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:44:38	DataFile Name :	095CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14933444	14720145	14831663	14828417	0.72	cps
Antimony	121-1	6569546	6547504	6548615	6555222	0.19	cps
Arsenic	75-2	330761	323752	326259	326924	1.09	cps
Barium	135-1	8244285	8344388	8355387	8314686	0.74	cps
Barium	137-1	14236076	14261374	14400796	14299415	0.62	cps
Beryllium	9-1	659902	670483	669938	666774	0.89	cps
Bismuth	209-1	8343718	8367839	8504928	8405495	1.03	cps
Bismuth	209-2	7267155	7363764	7219828	7283582	1.01	cps
Bromine	81-1	13736	13486	13056	13426	2.56	cps
Bromine	81-2	180	153	160	164	8.44	cps
Cadmium	108-1	117189	120041	119087	118772	1.22	cps
Cadmium	106-1	168279	167130	169300	168236	0.65	cps
Cadmium	111-1	1612002	1685784	1622546	1640111	2.43	cps
Calcium	43-1	8375203	8508811	8536880	8473631	1.02	cps
Calcium	44-1	136555485	137165928	137208191	136976535	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2605935	2550961	2573347	2576748	1.07	cps
Cobalt	59-2	4024874	3959330	3975605	3986603	0.86	cps
Copper	63-2	28249985	28018106	27788300	28018797	0.82	cps
Dysprosium	156-1	403	347	287	346	16.88	cps
Dysprosium	156-2	570	557	580	569	2.06	cps
Erbium	164-1	290	313	317	307	4.74	cps
Erbium	164-2	247	273	180	233	20.60	cps
Gadolinium	160-1	327	353	300	327	8.16	cps
Gadolinium	160-2	860	733	730	774	9.57	cps
Holmium	165-1	14833854	14741151	14656587	14743864	0.60	cps
Holmium	165-2	10920640	10946757	10858628	10908675	0.41	cps
Indium	115-1	11472079	11581729	11459209	11504339	0.59	cps
Indium	115-2	4321333	4255540	4270269	4282381	0.81	cps
Iron	56-2	605337524	594817738	596371631	598842298	0.95	cps
Iron	57-2	15108544	14878795	14919108	14968815	0.82	cps
Iron	54-2	32874973	32576420	32565934	32672442	0.54	cps
Krypton	83-1	200	230	197	209	8.79	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:44:38	DataFile Name :	095CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24884648	24719520	25007390	24870519	0.58	cps
Lead	207-1	21538872	21778660	22009423	21775652	1.08	cps
Lead	208-1	98154814	99224600	100292016	99223810	1.08	cps
Lithium	6-1	1501385	1514252	1534031	1516556	1.08	cps
Magnesium	24-2	114910718	113892148	113967242	114256703	0.50	cps
Manganese	55-2	20576609	20324845	20337954	20413136	0.69	cps
Molybdenum	94-1	22559278	22791145	22842140	22730854	0.66	cps
Molybdenum	95-1	32986527	32991645	33089686	33022619	0.18	cps
Molybdenum	96-1	35895704	36374344	36360885	36210311	0.75	cps
Molybdenum	97-1	20357034	20546905	20629556	20511165	0.68	cps
Molybdenum	98-1	52196768	53058748	52773811	52676442	0.83	cps
Neodymium	150-1	533	483	590	536	9.96	cps
Neodymium	150-2	173	147	177	166	9.93	cps
Nickel	60-2	958964	948196	947763	951641	0.67	cps
Phosphorus	31-2	135947	133681	133970	134533	0.92	cps
Potassium	39-2	73059167	72659129	72391597	72703298	0.46	cps
Rhodium	103-1	10249789	10260281	10329601	10279890	0.42	cps
Rhodium	103-2	6269091	6251178	6323937	6281402	0.60	cps
Scandium	45-1	6459641	6448009	6392626	6433426	0.56	cps
Scandium	45-2	554055	550993	551860	552303	0.29	cps
Selenium	82-1	96252	98059	97798	97369	1.00	cps
Selenium	77-2	9953	10130	9907	9997	1.18	cps
Selenium	78-2	34356	33394	33745	33832	1.44	cps
Silicon	28-1	3627650	3653235	3736186	3672357	1.55	cps
Silver	107-1	8137112	8207957	8255071	8200047	0.72	cps
Silver	109-1	7791076	7787546	7743083	7773901	0.34	cps
Sodium	23-2	184830064	182831204	182434704	183365324	0.70	cps
Strontium	86-1	2052286	2104709	2064701	2073898	1.32	cps
Strontium	88-1	18183580	18308772	18124398	18205583	0.52	cps
Sulfur	34-1	644456	645602	641211	643756	0.35	cps
Terbium	159-1	14934963	14960011	15102021	14998999	0.60	cps
Terbium	159-2	10763634	10756912	10637977	10719507	0.66	cps
Thallium	203-1	6219455	6342727	6287838	6283340	0.98	cps
Thallium	205-1	14773065	14882429	15034374	14896623	0.88	cps
Tin	118-1	5397492	5451377	5460050	5436306	0.62	cps
Titanium	47-1	7932706	7975663	7945797	7951388	0.28	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:44:38	DataFile Name :	095CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19349288	19660263	19671941	19560497	0.94	cps
Vanadium	51-2	2310606	2288554	2288774	2295978	0.55	cps
Yttrium	89-1	13934656	13884788	13965841	13928429	0.29	cps
Yttrium	89-2	3801545	3749460	3811799	3787601	0.88	cps
Zinc	66-2	4718696	4679488	4622302	4673495	1.04	cps
Zirconium	90-1	11130710	11178939	11280733	11196794	0.68	cps
Zirconium	91-1	2496694	2470048	2491648	2486130	0.57	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:52:52	DataFile Name :	096CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	337	383	357	6.74	cps
Antimony	121-1	623	723	690	679	7.50	cps
Arsenic	75-2	17	0	30	16	96.62	cps
Barium	135-1	133	100	103	112	16.36	cps
Barium	137-1	253	280	210	248	14.26	cps
Beryllium	9-1	63	87	67	72	17.48	cps
Bismuth	209-1	9353995	9488711	9519596	9454101	0.93	cps
Bismuth	209-2	8269565	8377662	8380826	8342684	0.76	cps
Bromine	81-1	13973	14120	14000	14031	0.56	cps
Bromine	81-2	147	190	157	164	13.80	cps
Cadmium	108-1	23	13	10	16	44.60	cps
Cadmium	106-1	3400	3320	2934	3218	7.76	cps
Cadmium	111-1	2401	2345	2080	2276	7.53	cps
Calcium	43-1	320	307	377	334	11.11	cps
Calcium	44-1	10721	10624	10544	10629	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1127	1013	1123	1088	5.93	cps
Cobalt	59-2	203	237	190	210	11.45	cps
Copper	63-2	5088	5108	4971	5055	1.46	cps
Dysprosium	156-1	17	3	13	11	62.48	cps
Dysprosium	156-2	17	3	10	10	66.70	cps
Erbium	164-1	63	70	73	69	7.39	cps
Erbium	164-2	57	27	37	40	38.18	cps
Gadolinium	160-1	40	53	83	59	37.69	cps
Gadolinium	160-2	643	647	667	652	1.93	cps
Holmium	165-1	15322382	15152016	15221462	15231953	0.56	cps
Holmium	165-2	11452097	11433492	11580982	11488857	0.70	cps
Indium	115-1	12783795	12651142	12693290	12709409	0.53	cps
Indium	115-2	4920718	4846572	4801045	4856112	1.24	cps
Iron	56-2	30291	31540	31733	31188	2.51	cps
Iron	57-2	1317	1327	1320	1321	0.39	cps
Iron	54-2	2870	3017	3260	3049	6.46	cps
Krypton	83-1	243	233	247	241	2.88	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:52:52	DataFile Name :	096CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	917	977	1047	980	6.64	cps
Lead	207-1	813	873	940	876	7.24	cps
Lead	208-1	3970	4054	4170	4065	2.47	cps
Lithium	6-1	1594854	1640774	1610828	1615485	1.44	cps
Magnesium	24-2	2540	2480	2814	2611	6.81	cps
Manganese	55-2	693	683	747	708	4.81	cps
Molybdenum	94-1	583	663	753	667	12.76	cps
Molybdenum	95-1	450	433	497	460	7.14	cps
Molybdenum	96-1	507	537	620	554	10.59	cps
Molybdenum	97-1	287	310	353	317	10.68	cps
Molybdenum	98-1	777	793	823	798	2.96	cps
Neodymium	150-1	3	7	7	6	34.70	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	730	680	717	709	3.65	cps
Phosphorus	31-2	147	153	150	150	2.22	cps
Potassium	39-2	57170	56685	57020	56958	0.44	cps
Rhodium	103-1	12001639	11891474	12055783	11982966	0.70	cps
Rhodium	103-2	7369233	7402323	7353408	7374988	0.34	cps
Scandium	45-1	6946516	6932978	6929250	6936248	0.13	cps
Scandium	45-2	609175	602432	608054	606554	0.60	cps
Selenium	82-1	273	254	183	237	20.03	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	490	497	440	476	6.51	cps
Silicon	28-1	655409	659237	655891	656846	0.32	cps
Silver	107-1	215	251	248	238	8.54	cps
Silver	109-1	243	227	237	236	3.56	cps
Sodium	23-2	27685	27435	27561	27560	0.45	cps
Strontium	86-1	363	510	423	432	17.06	cps
Strontium	88-1	634	417	470	507	22.30	cps
Sulfur	34-1	194872	197098	194677	195549	0.69	cps
Terbium	159-1	15788358	15635345	15736496	15720066	0.50	cps
Terbium	159-2	11298234	11316485	11251141	11288620	0.30	cps
Thallium	203-1	470	507	640	539	16.60	cps
Thallium	205-1	1280	1260	1270	1270	0.79	cps
Tin	118-1	2394	2227	2350	2324	3.72	cps
Titanium	47-1	180	210	190	193	7.90	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:52:52	DataFile Name :	096CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	160	163	183	169	7.47	cps
Vanadium	51-2	73	43	60	59	25.53	cps
Yttrium	89-1	15065346	15000791	14953286	15006474	0.37	cps
Yttrium	89-2	4142876	4110484	4123656	4125672	0.39	cps
Zinc	66-2	597	590	643	610	4.76	cps
Zirconium	90-1	1000	1173	1120	1098	8.09	cps
Zirconium	91-1	233	197	253	228	12.62	cps

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Prep Standard - Chemical Standard Summary

Order ID : P5177

Test : Metals CLP MS FULL

Prepbatch ID : PB165550,

Sequence ID/Qc Batch ID: LB133948,LB134025,

Standard ID :
MP83046,MP83498,MP83499,MP83619,MP83620,MP83621,MP83622,MP83623,MP83625,MP83626,MP83627,MP836
28,MP83629,MP83630,MP83631,MP83632,MP83633,MP83634,MP83635,MP83636,MP83669,

Chemical ID :
M5192,M5288,M5289,M5295,M5304,M5390,M5476,M5498,M5513,M5515,M5516,M5519,M5565,M5657,M5658,M5698
,M5739,M5751,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M582
0,M5873,M5874,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M60
55,M6095,M6115,M6121,M6125,M6126,W3112,

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP83046	11/02/2024	12/14/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5982 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5751 + 0.50000ml of M5802 + 1.25000ml of M5192 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M6021 + 12.50000ml of M5498 + 12.50000ml of M5769 + 12.50000ml of M5806 + 12.52000ml of M5519 + 156.23000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 5.00000ml of M5515 + 5.00000ml of M6095 + 5.00000ml of M6115 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP83498	12/09/2024	12/28/2024	Janvi Patel	None	None	Sarabjit Jaswal 12/09/2024

FROM 1250.00000ml of M6126 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP83499	12/09/2024	12/28/2024	Eman Mughal	None	None	Sarabjit Jaswal 12/09/2024

FROM 1250.00000ml of M6121 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP83619	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 25.00000ml of M6121 + 4925.00000ml of W3112 + 50.00000ml of M6126 = Final Quantity: 5000.000 ml

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Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP83620	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.10000ml of M5476 + 1.00000ml of M5799 + 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M6126 + 2.00000ml of M5815 + 2.00000ml of M5817 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6121 + 50.00000ml of M5304 + 832.50000ml of W3112 + 9.00000ml of M5698 + 9.00000ml of M5751 + 9.00000ml of M5819 + 9.00000ml of M5976 + 9.00000ml of M5978 + 9.90000ml of M5498 + 9.90000ml of M5769 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP83621	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 48.50000ml of W3112 + 50.00000ml of MP83620 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3949	S5(SFAM,6020,200.8)	MP83622	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 73.50000ml of W3112 + 25.00000ml of MP83620 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP83623	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 86.00000ml of W3112 + 12.50000ml of MP83620 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP83625	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83621 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP83626	12/13/2024	01/07/2025	Sarabjit Jaswal	None	None	Mohan Bera 12/17/2024

FROM 0.05000ml of M5476 + 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5751 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6121 + 226.25000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP83627	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 98.00000ml of W3112 + 0.50000ml of MP83626 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP83628	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83627 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP83629	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP83630	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP83619 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP83631	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP83632	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5476 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 10.00000ml of M6126 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5516 + 24.95000ml of M5769 + 25.00000ml of M5304 + 4.50000ml of M5698 + 4.50000ml of M5751 + 4.50000ml of M5819 + 4.50000ml of M5976 + 4.50000ml of M5978 + 4.95000ml of M6033 + 5.00000ml of M6121 + 826.10000ml of W3112 = Final Quantity: 1000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP83633	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.01000ml of M5769 + 9.99000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP83634	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP83633 + 96.00000ml of MP83619 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP83635	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 5.00000ml of M6126 + 75.00000ml of M5739 + 170.00000ml of MP83619 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP83636	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5516 + 5.00000ml of M5769 + 79.00000ml of MP83619 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP83669	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM

0.25000ml of M5476 + 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5751 + 0.50000ml of M5802 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M5976 + 1.25000ml of M5978 + 1.25000ml of M6021 + 10.00000ml of M6126 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5768 + 12.50000ml of M5806 + 150.00000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 5.00000ml of M5515 + 5.00000ml of M6121 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57042 / Mo, 1000 PPM, 125 ml	051722	05/17/2025	07/01/2022 / bin	06/17/2022 / jaswal	M5192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58119 / K, 10000 PPM, 500 ml	071122	07/11/2025	09/01/2022 / jaswal	07/21/2022 / jaswal	M5288

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	02/05/2025	08/07/2024 / jaswal	04/20/2021 / bin	M5295

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	S2-MEB711244	10/20/2026	08/07/2024 / jaswal	04/01/2022 / jaswal	M5304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/29/2025	07/29/2024 / jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	022123	11/06/2025	11/06/2024 / kareem	03/17/2023 / bin	M5516

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	T2-MEB721144	07/07/2027	08/23/2023 / jaswal	08/29/2022 / jaswal	M5657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	071723	07/17/2026	10/01/2024 / Jaswal	08/25/2023 / jaswal	M5751

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	01/08/2024 / bin	01/03/2024 / bin	M5768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICPMS) STOCK SOLN	CP-MS ICSA-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	11/09/2026	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	U2-MEB734294	06/21/2028	08/21/2024 / Jaswal	08/19/2024 / Jaswal	M6055

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)		03/17/2029	10/26/2024 / Janvi	10/21/2024 / Janvi	M6095

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	05/04/2025	11/02/2024 / Janvi	09/29/2024 / Eman	M6115

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	0000275677	05/13/2025	11/13/2024 / Eman	10/13/2024 / Eman	M6121

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	05/25/2025	11/26/2024 / Eman	11/22/2024 / Eman	M6125

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	06/03/2025	12/03/2024 / Janvi	11/12/2024 / Janvi	M6126

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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M6028

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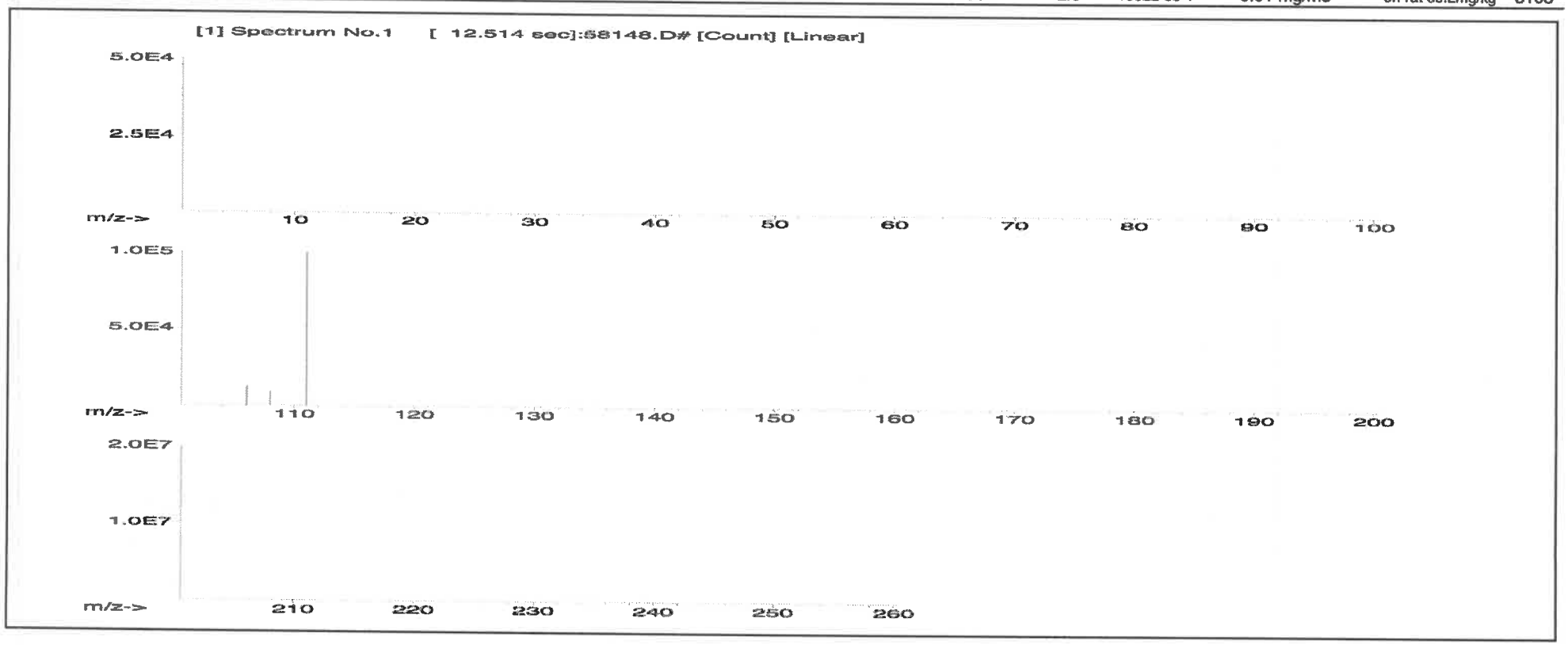
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/15/24 M6025

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

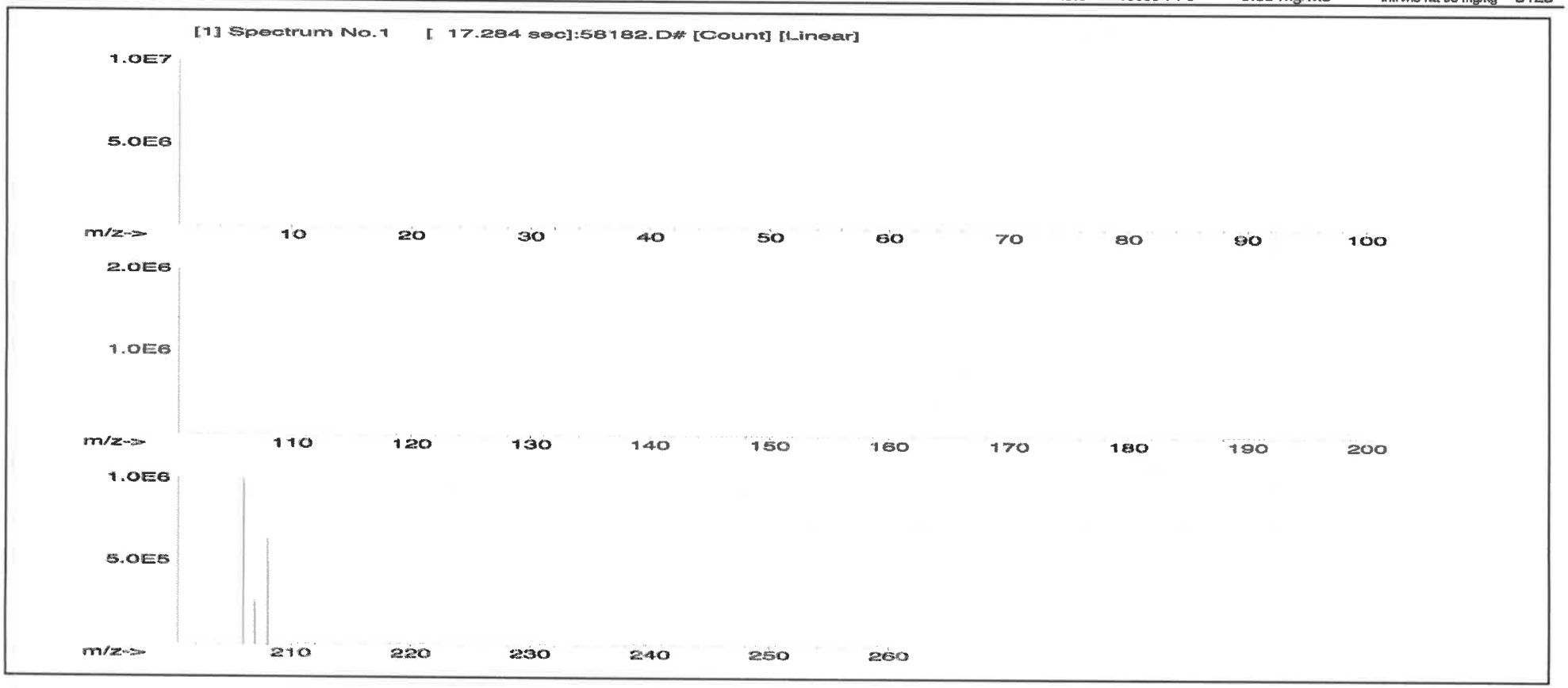
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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M5192 R: 06/17/22

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CERTIFIED WEIGHT REPORT:

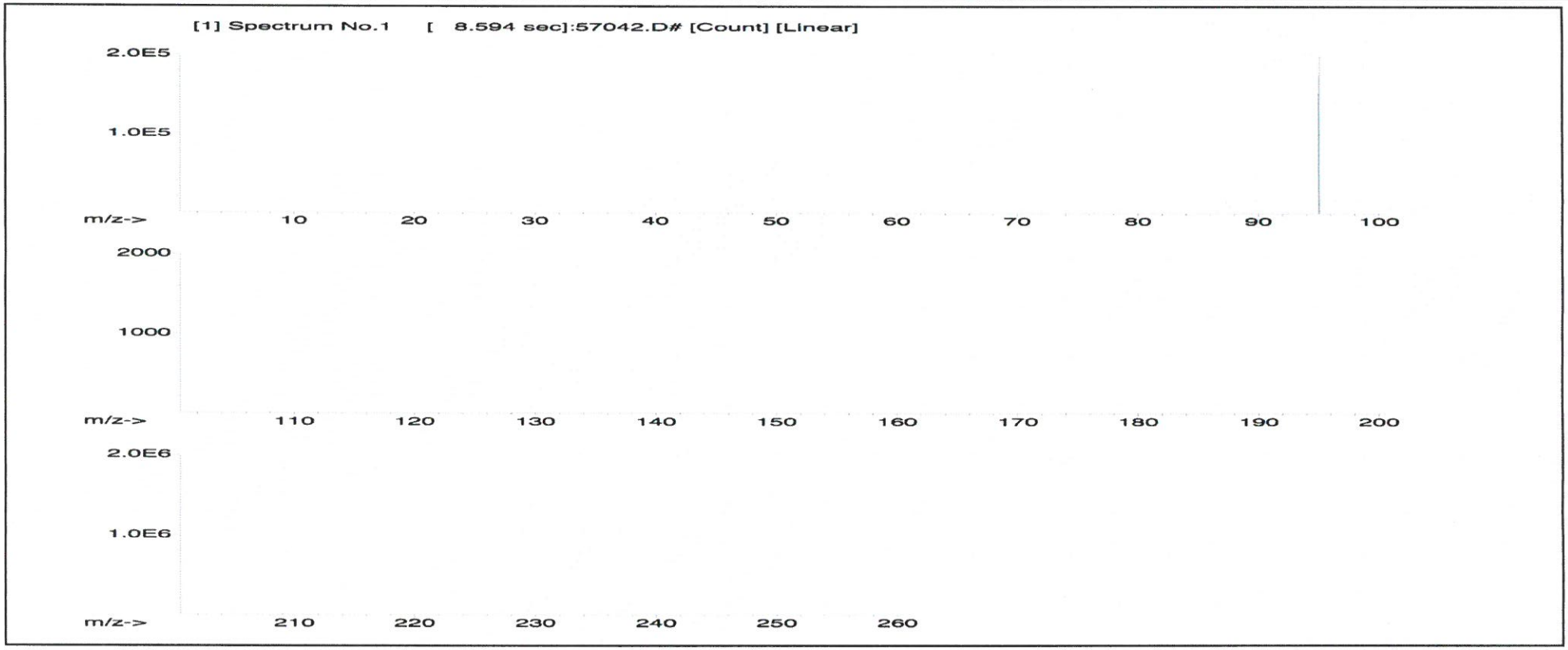
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)

	Lot #	Solvent:	
	MKBQ8597V	Ammonium hydroxide	
	0.5%	15.0 (mL)	Ammonium hydroxide

Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Volume shown below was diluted to (mL): 3000.41 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	051722
Reviewed By:	Pedro L. Rentas	051722

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	T	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5288 R: 07/21/2022

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CERTIFIED WEIGHT REPORT:

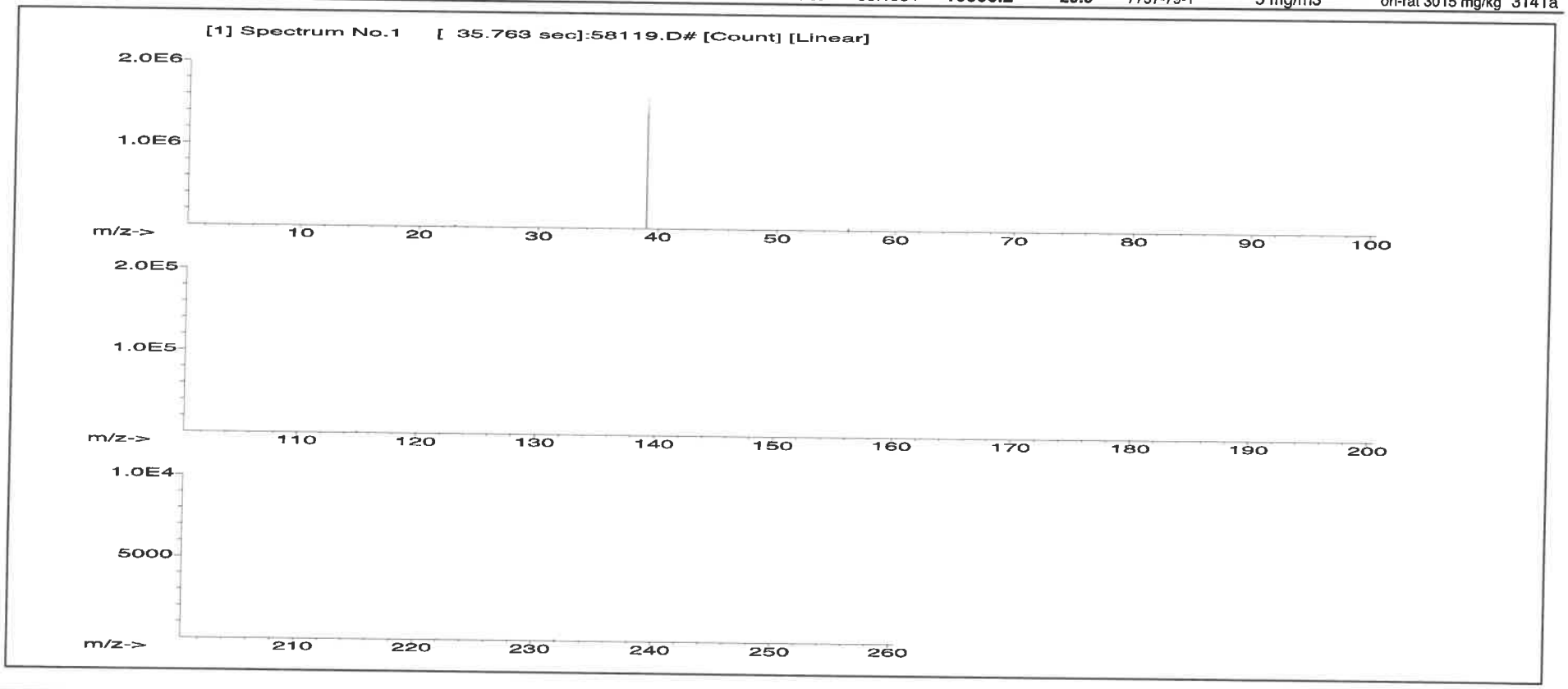
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	071122
Reviewed By:	Pedro L. Rentas	071122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	53.1925	53.1934	**10000.2**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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M5289 R: 07/12/22 (BH)

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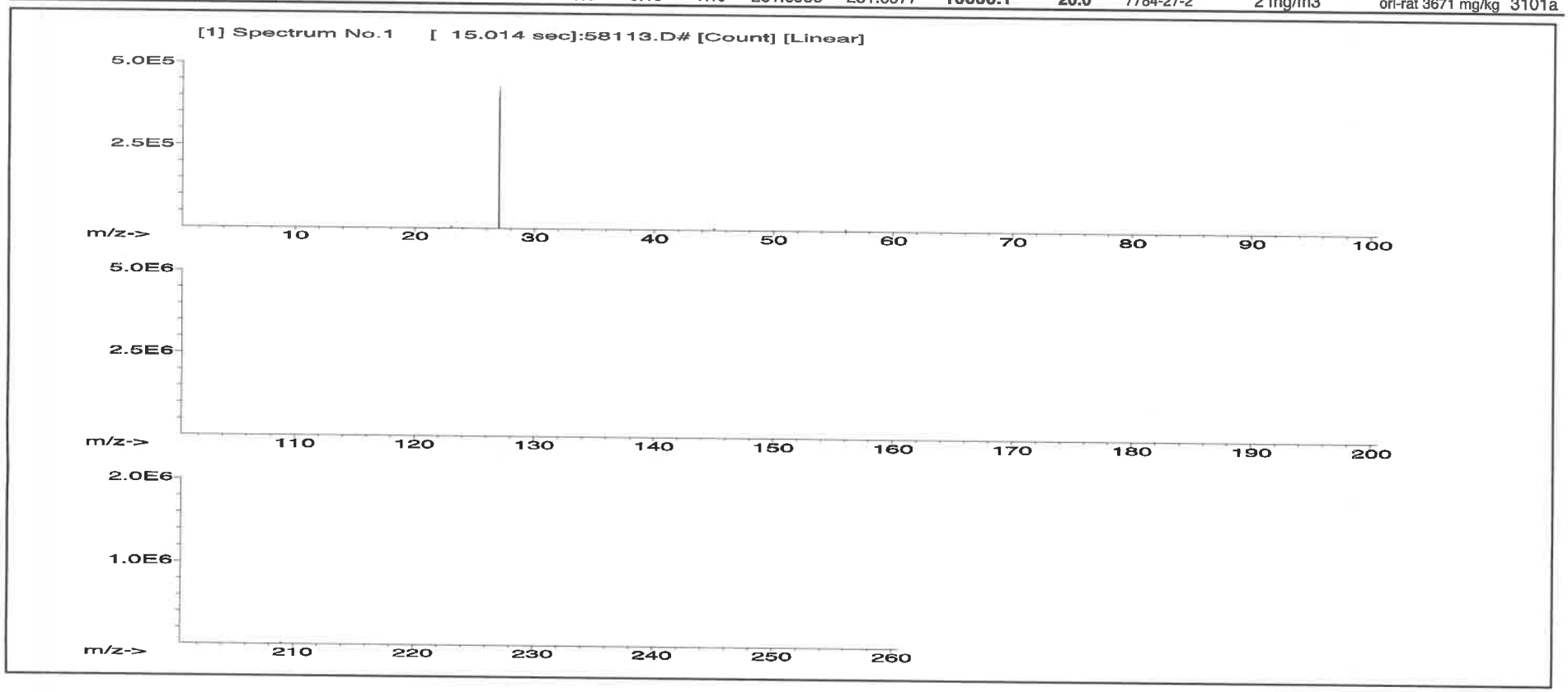
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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number:	**58113**			**Lot #**	
Lot Number:	**070622**		**Solvent:**	20370011	Nitric Acid
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	070625				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

The Quality Assurance Technical Support (QATS) contract is operated by APTIM Federal Services, LLC.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

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Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020CAL-1
Lot Number:	S2-MEB711244
Matrix:	5% (v/v) HNO3 tr. HF
Value / Analyte(s):	20 µg/mL ea:

Silver,	Aluminum,
Arsenic,	Barium,
Beryllium,	Calcium,
Cadmium,	Cobalt,
Chromium,	Copper,
Iron,	Potassium,
Magnesium,	Manganese,
Sodium,	Nickel,
Lead,	Antimony,
Selenium,	Thallium,
Vanadium,	Zinc

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	**20.01 ± 0.08 µg/mL**	**Antimony, Sb**	**20.01 ± 0.12 µg/mL**
Arsenic, As	**20.01 ± 0.18 µg/mL**	**Barium, Ba**	**20.01 ± 0.11 µg/mL**
Beryllium, Be	**20.01 ± 0.14 µg/mL**	**Cadmium, Cd**	**20.01 ± 0.11 µg/mL**
Calcium, Ca	**20.01 ± 0.10 µg/mL**	**Chromium, Cr**	**20.01 ± 0.16 µg/mL**
Cobalt, Co	**20.01 ± 0.11 µg/mL**	**Copper, Cu**	**20.01 ± 0.10 µg/mL**
Iron, Fe	**20.01 ± 0.09 µg/mL**	**Lead, Pb**	**20.01 ± 0.11 µg/mL**
Magnesium, Mg	**19.99 ± 0.10 µg/mL**	**Manganese, Mn**	**20.01 ± 0.10 µg/mL**
Nickel, Ni	**20.01 ± 0.11 µg/mL**	**Potassium, K**	**20.01 ± 0.10 µg/mL**
Selenium, Se	**20.02 ± 0.14 µg/mL**	**Silver, Ag**	**20.02 ± 0.09 µg/mL**
Sodium, Na	**20.01 ± 0.10 µg/mL**	**Thallium, Tl**	**20.01 ± 0.13 µg/mL**
Vanadium, V	**20.01 ± 0.11 µg/mL**	**Zinc, Zn**	**20.01 ± 0.11 µg/mL**

Density: 1.026 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
As	ICP Assay	3103a	100818
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Fe	Calculated		See Sec. 4.2
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	3152a	120715
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2
V	ICP Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

Low Silver Note: This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

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AR-1539 Certificate Number
https://Absolutestandards.com

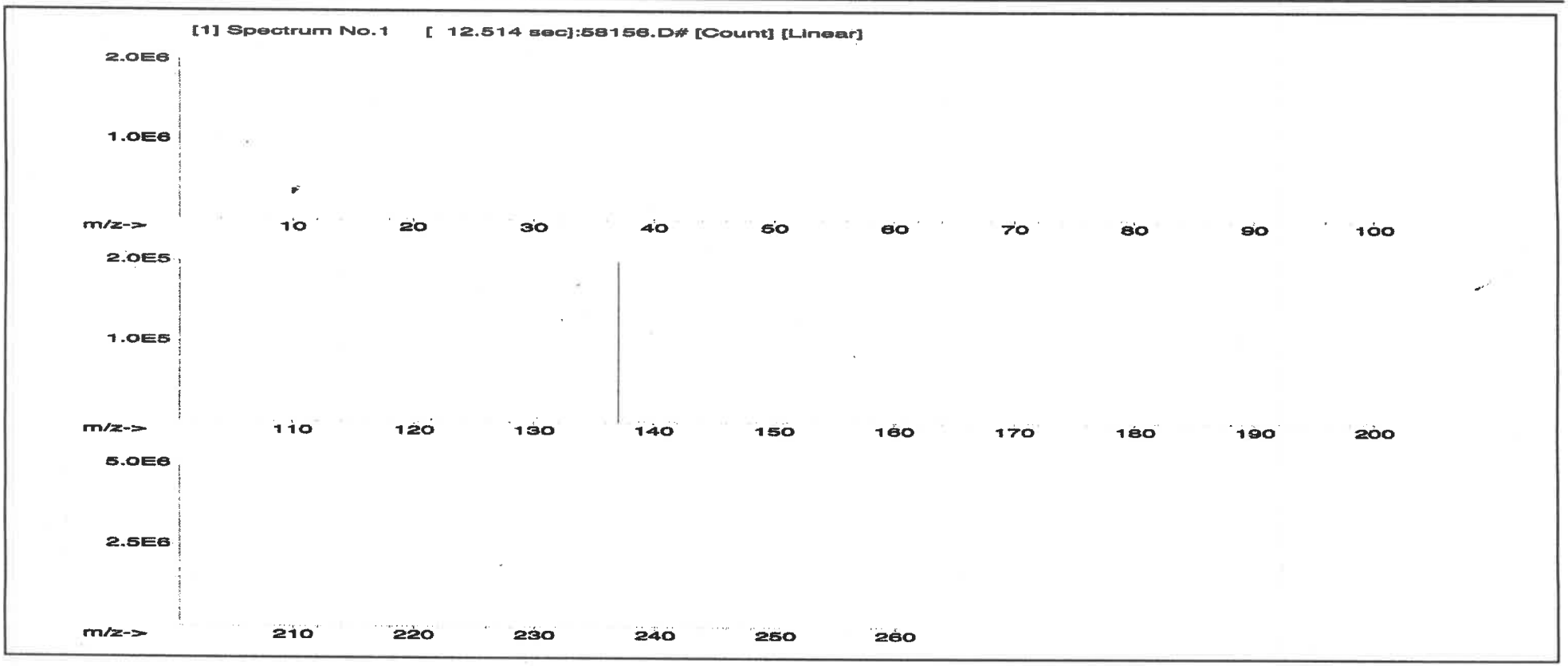
CERTIFIED WEIGHT REPORT:

		Lot #		
Part Number:	**57056**	**Solvent:**	20510011	Nitric Acid
Lot Number:	**072122**			
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	072125			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	**2.0**	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

IN5497 - IN5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

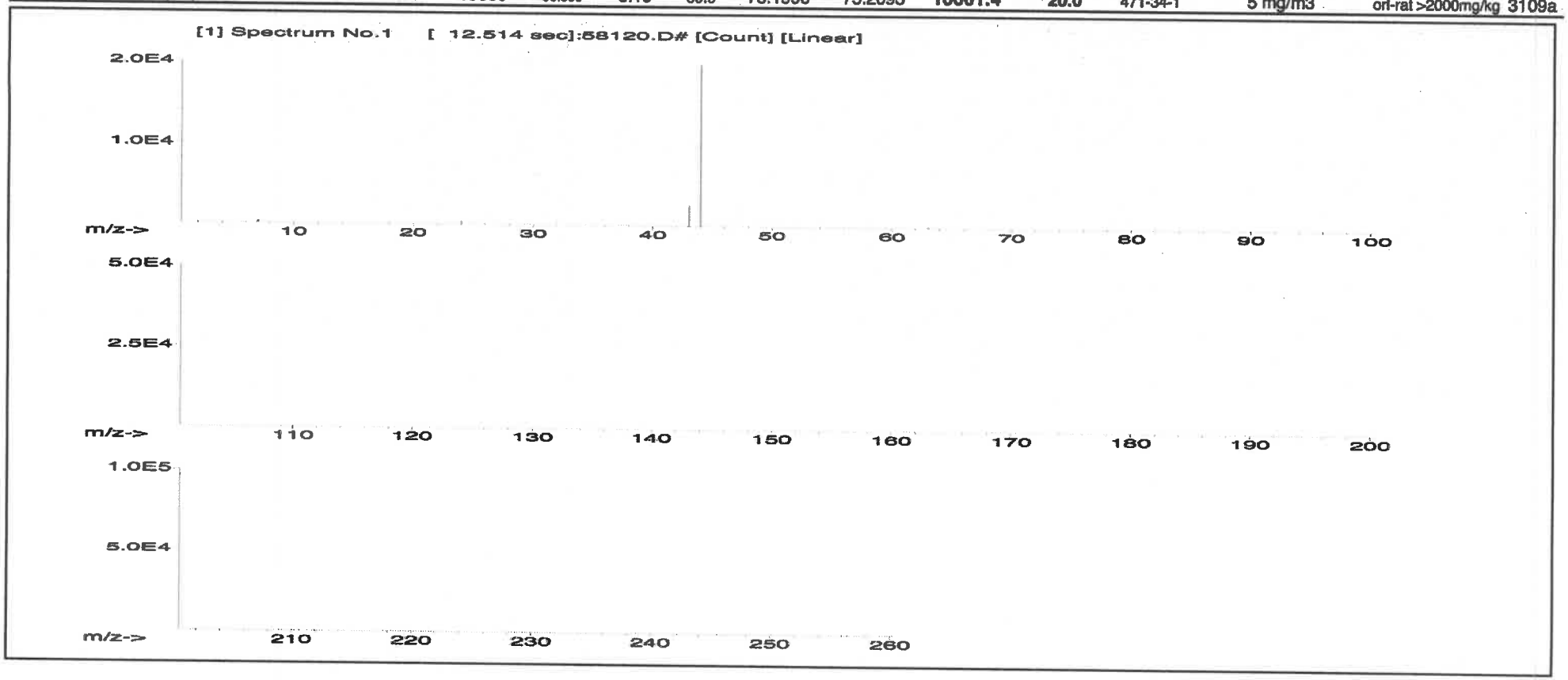
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

		Lot #	
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
Reviewed By:	Pedro L. Rentas	031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

MS513 R:03/17/23 BE

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

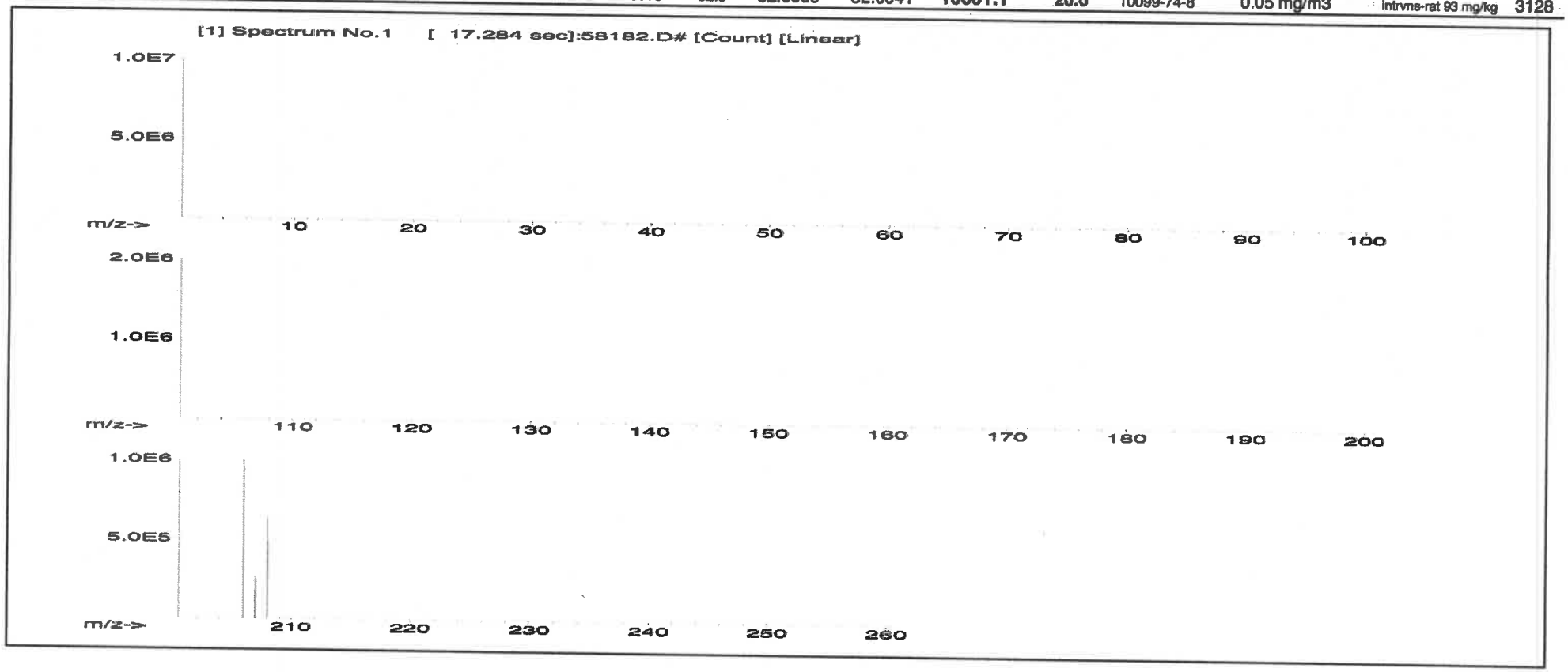
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5514 , M5515 R: 03/17/23

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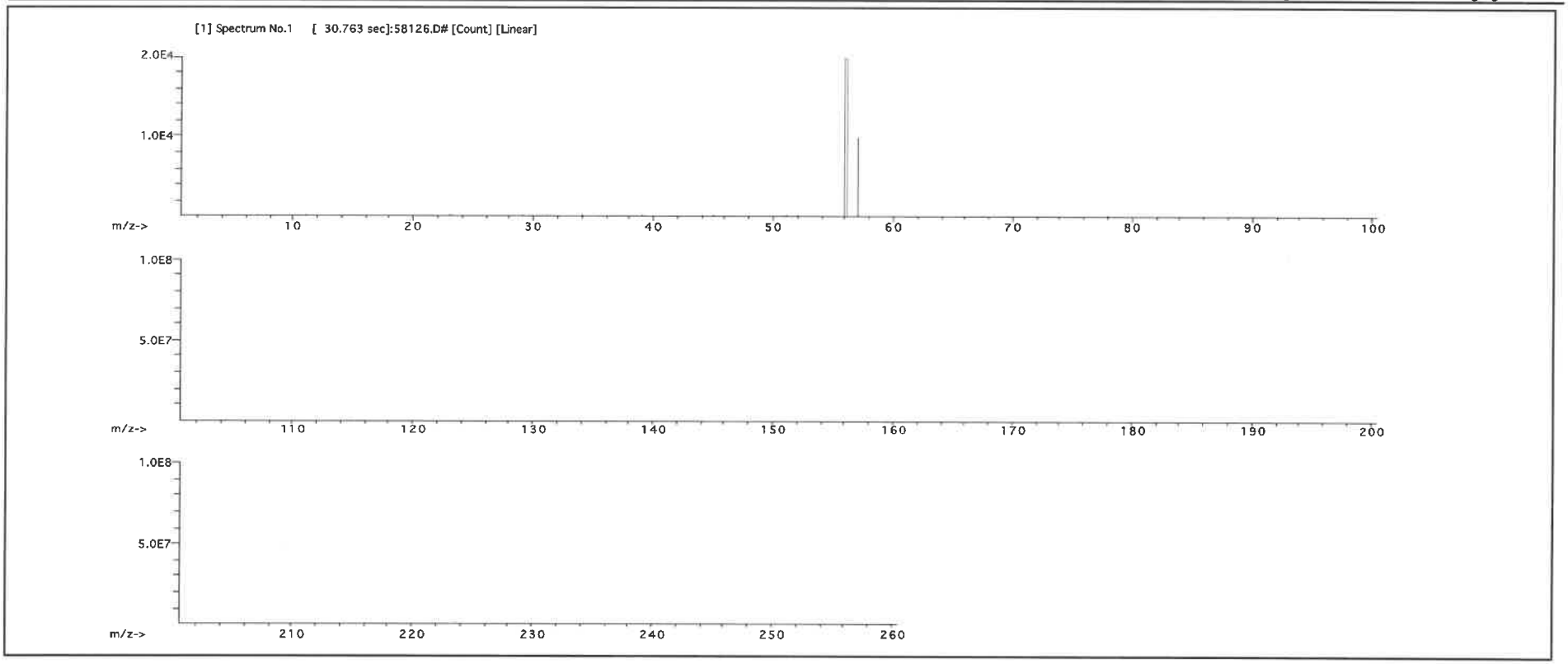
CERTIFIED WEIGHT REPORT:

Part Number:	**58126**		**Lot #**		
Lot Number:	**092122**	**Solvent:**	20510011	Nitric Acid	
Description:	**Iron (Fe)**		7.0%	350.0 (mL)	Nitric Acid
Expiration Date:	092125				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	5000.1	0.12	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	092122
Reviewed By:	Pedro L. Rentas	092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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Certified Reference Material CRM

M516 M517 R: 03/17/22 BH

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 022123
Description: Sodium (Na)

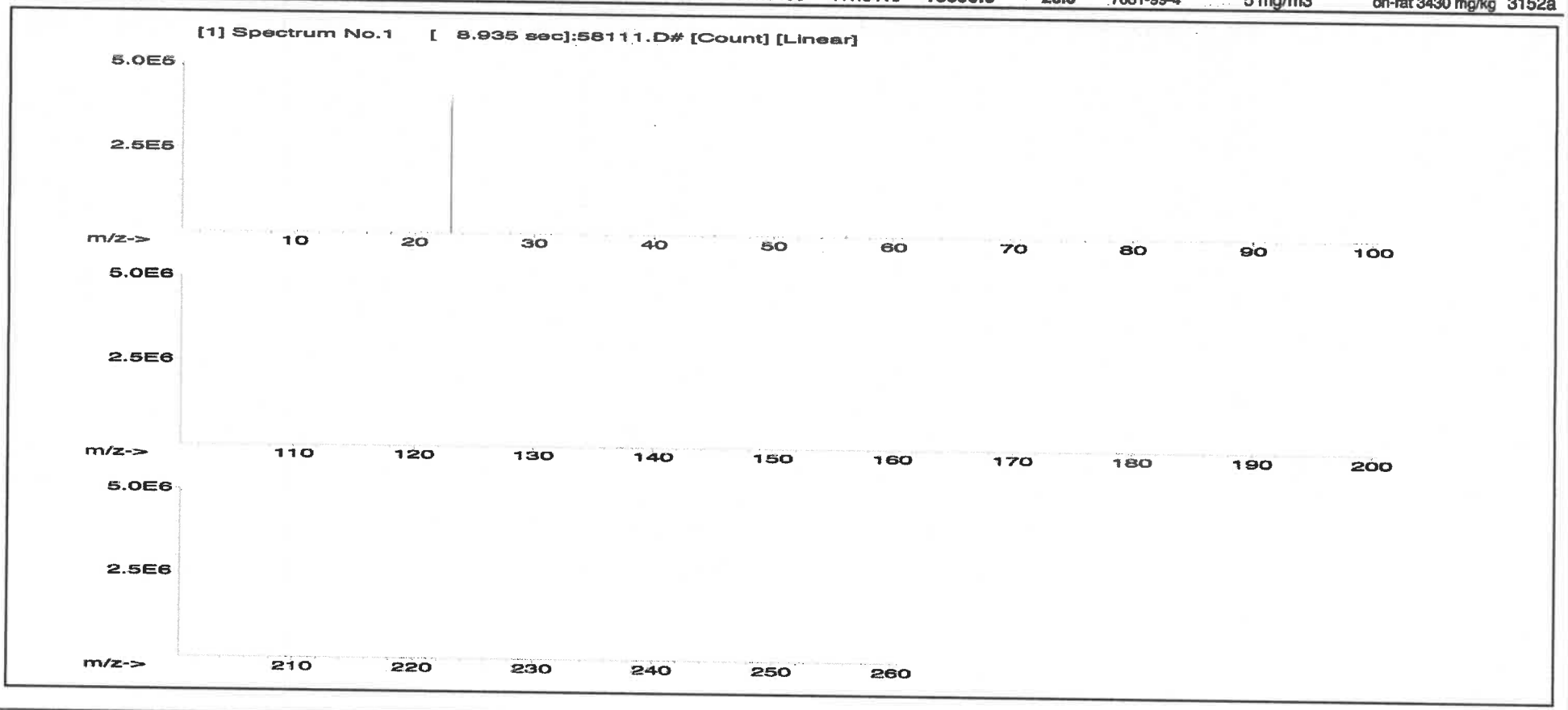
Expiration Date: 022126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 0.06 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawrence Barry	022123
Reviewed By:	Pedro L. Rentas	022123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5410	**10000.0**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M519. M520 (BH) R:03/17/23

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

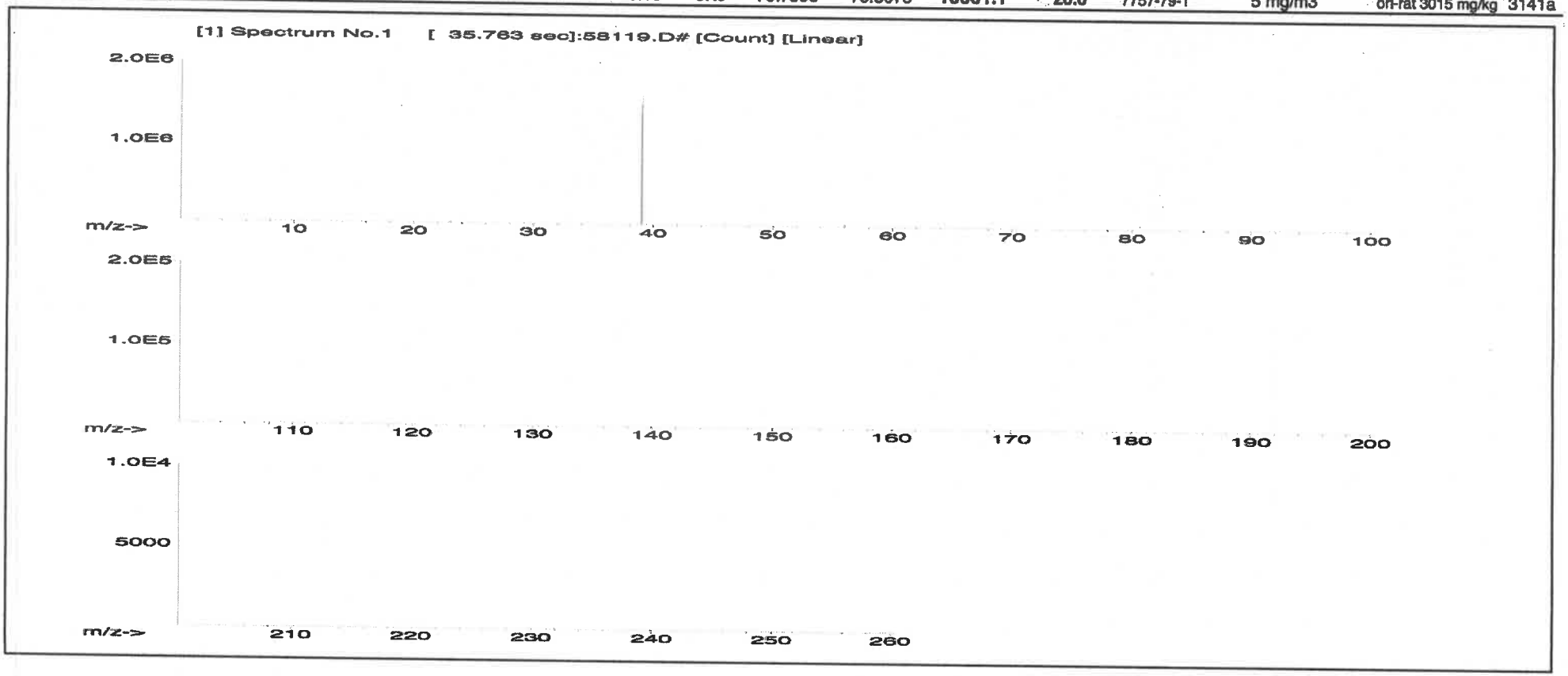
Lot #		
Solvent: 20510011		Nitric Acid
2%	60.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium,
	1 000 µg/mL ea: Iron,
	500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt,
	250 µg/mL ea: Copper,
	200 µg/mL ea: Chromium,
	50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method I with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-4
Lot Number:	T2-MEB721144
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	**99.9 ± 0.8 µg/mL**	**Arsenic, As**	**40.00 ± 0.25 µg/mL**
Cadmium, Cd	**49.96 ± 0.22 µg/mL**	**Lead, Pb**	**19.99 ± 0.10 µg/mL**
Selenium, Se	**10.00 ± 0.06 µg/mL**	**Thallium, Tl**	**49.96 ± 0.32 µg/mL**

Density: 1.014 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	traceable to 3103a	R2-AS691113
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 07, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **July 07, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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www.absolutestandards.com

Certified Reference Material CRM

M5658 R ! 8/25/23

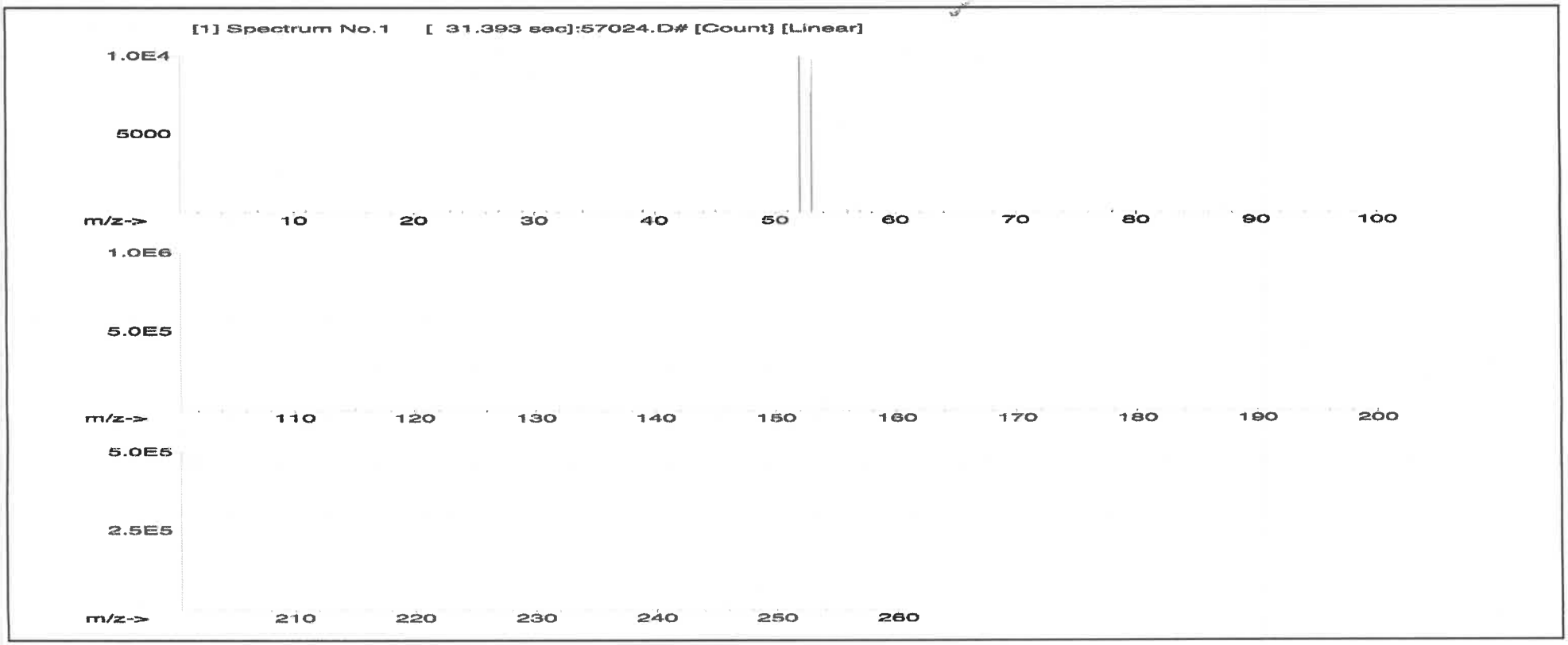
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	21110221	Nitric Acid	
Lot Number:	**060523**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5648 R: 10/27/23

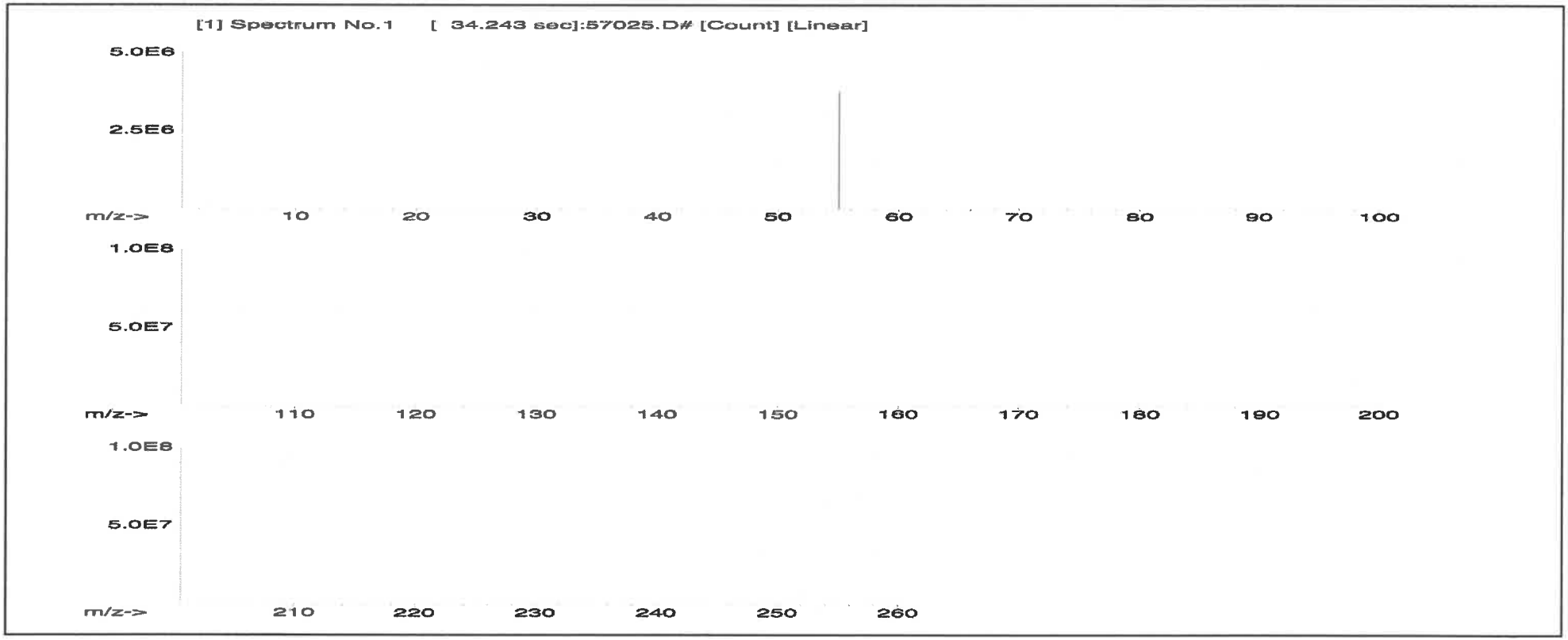
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58025**	24002546	Nitric Acid	
Lot Number:	**102623**			
Description:	**Manganese (Mn)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	102626			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102623
Reviewed By:	Pedro L. Rentas	102623

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.1000	300.0	0.084	1000	10000.1	**1000.0**	**2.1**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 8/25/23 M5751

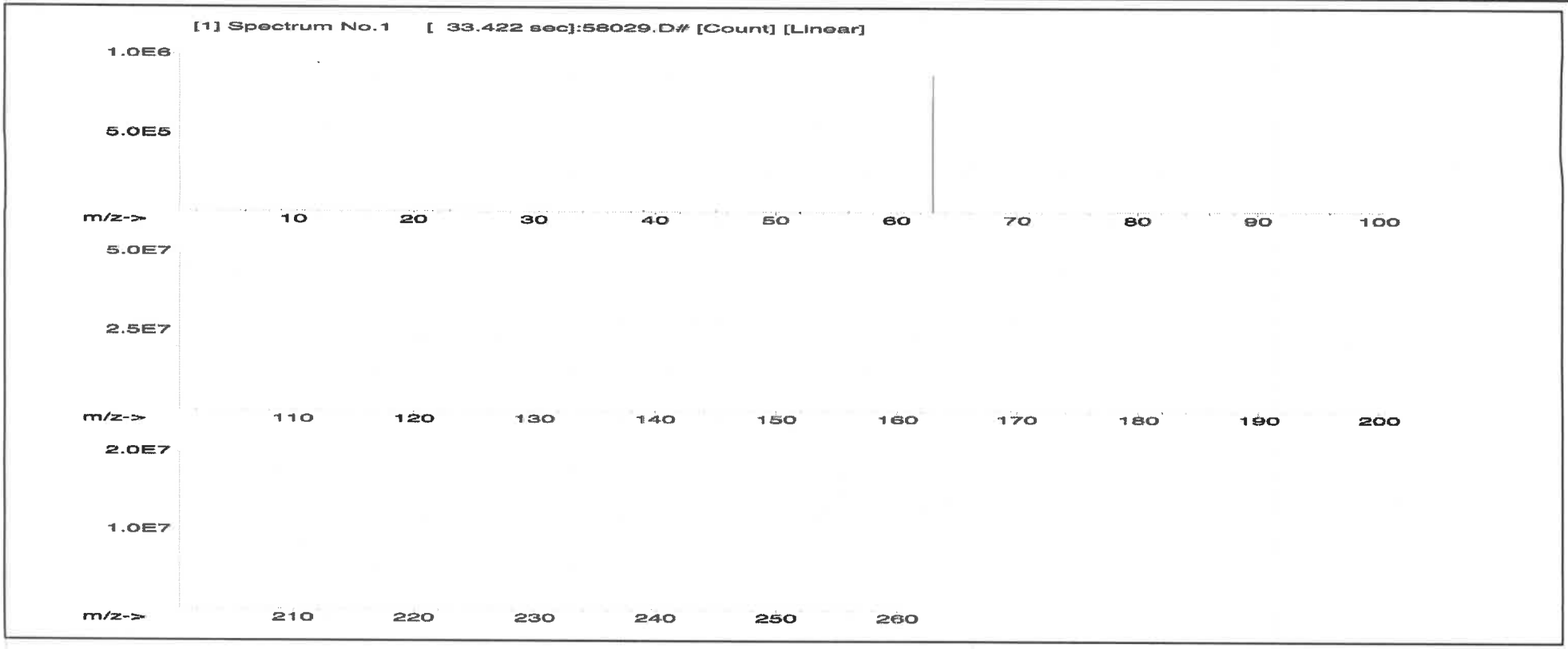
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	21110221	Nitric Acid	
Lot Number:	**071723**			
Description:	**Copper (Cu)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071723
Reviewed By:	Pedro L. Rentas	071723

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	022723	0.1000	200.0	0.084	1000	10000.5	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

Certified Reference Material CRM

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https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

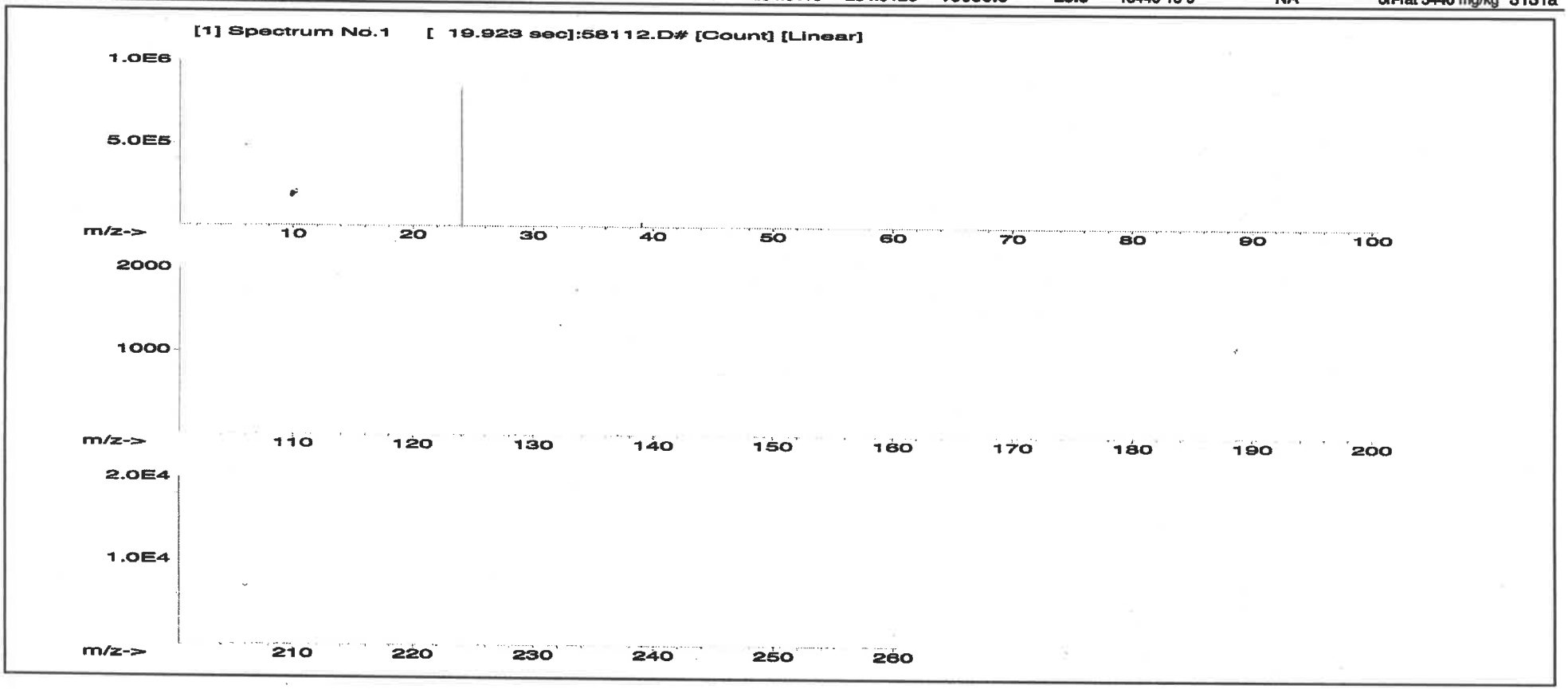
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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M5768 M5769 (BP) R:1/3/24

Certified Reference Material CRM

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

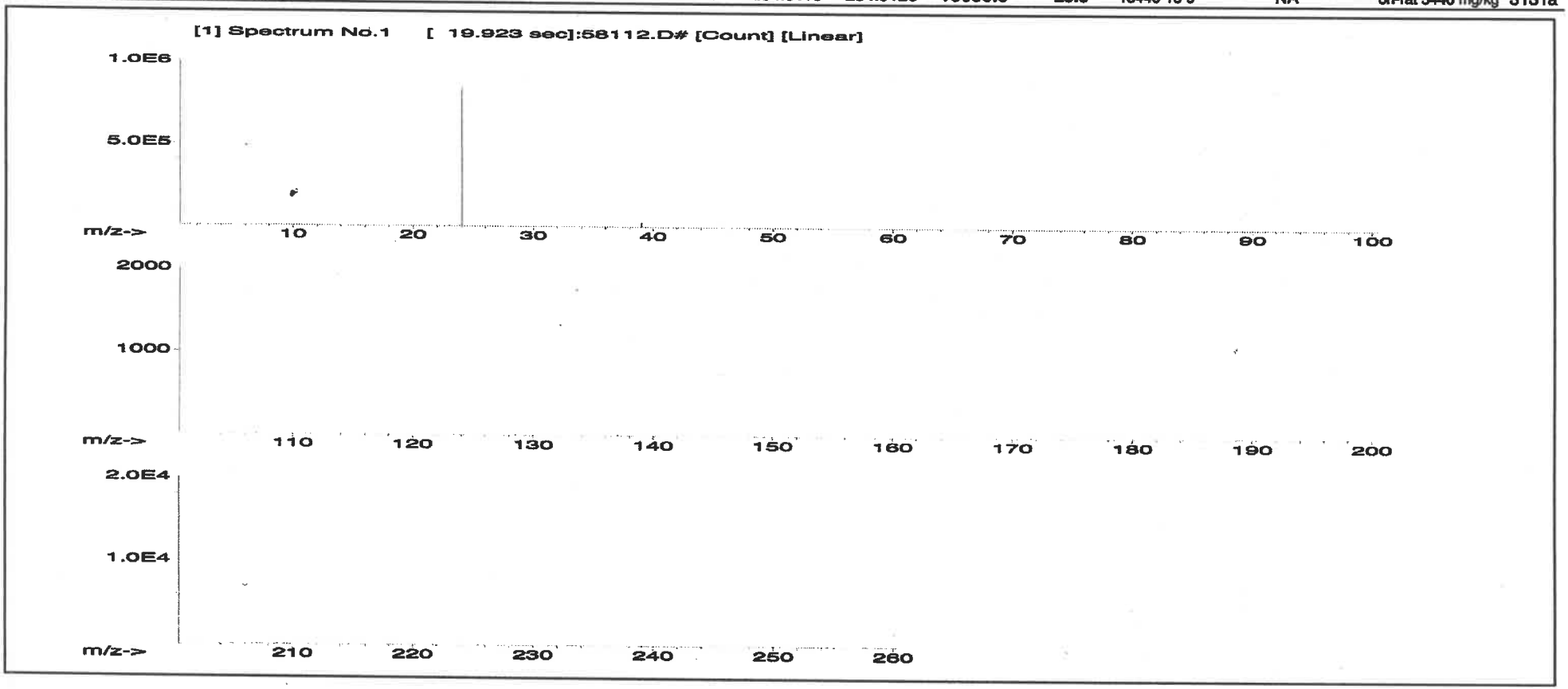
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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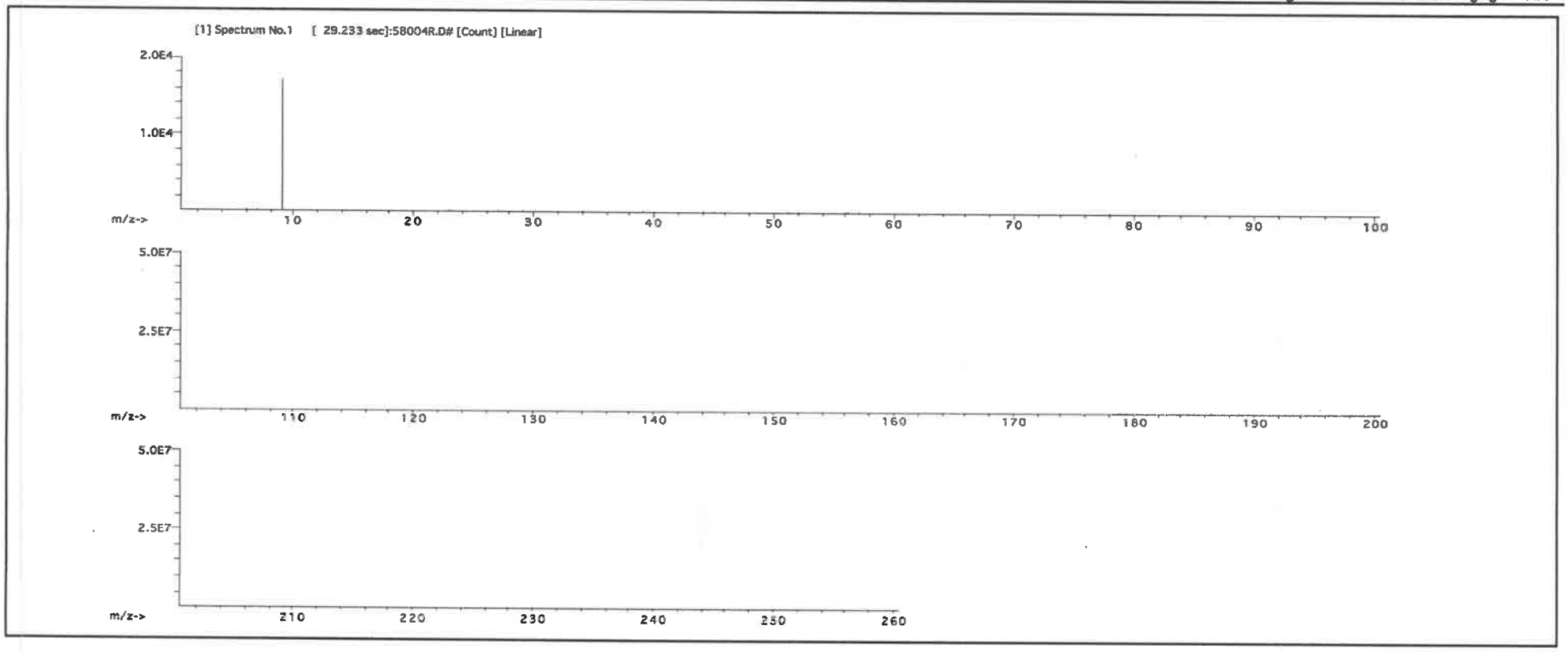
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57004**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

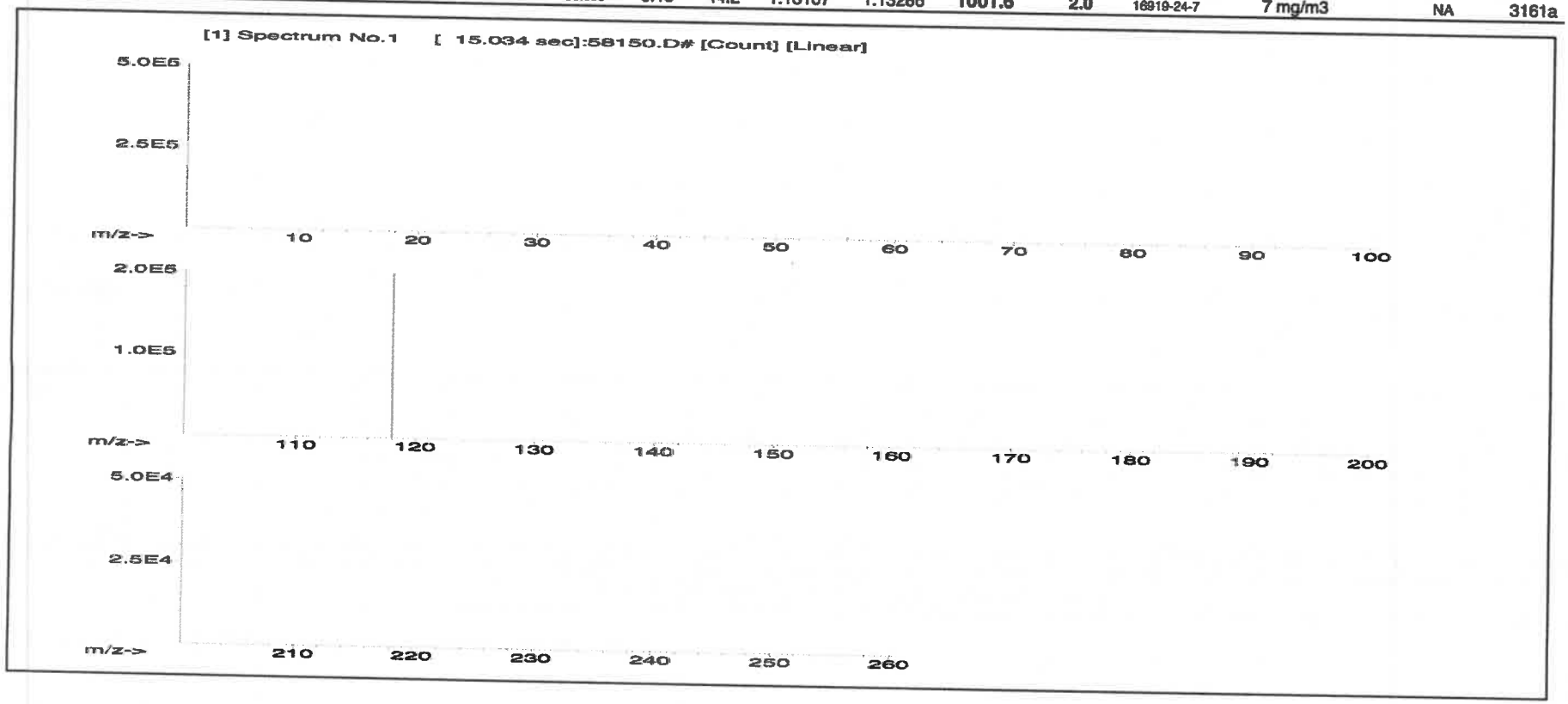
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #	
Solvents:	21110221	Nitric Acid
	22D0562008	Hydrochloric acid
2%	10.0	Nitric Acid
6%	30.0	Hydrochloric acid
	(mL)	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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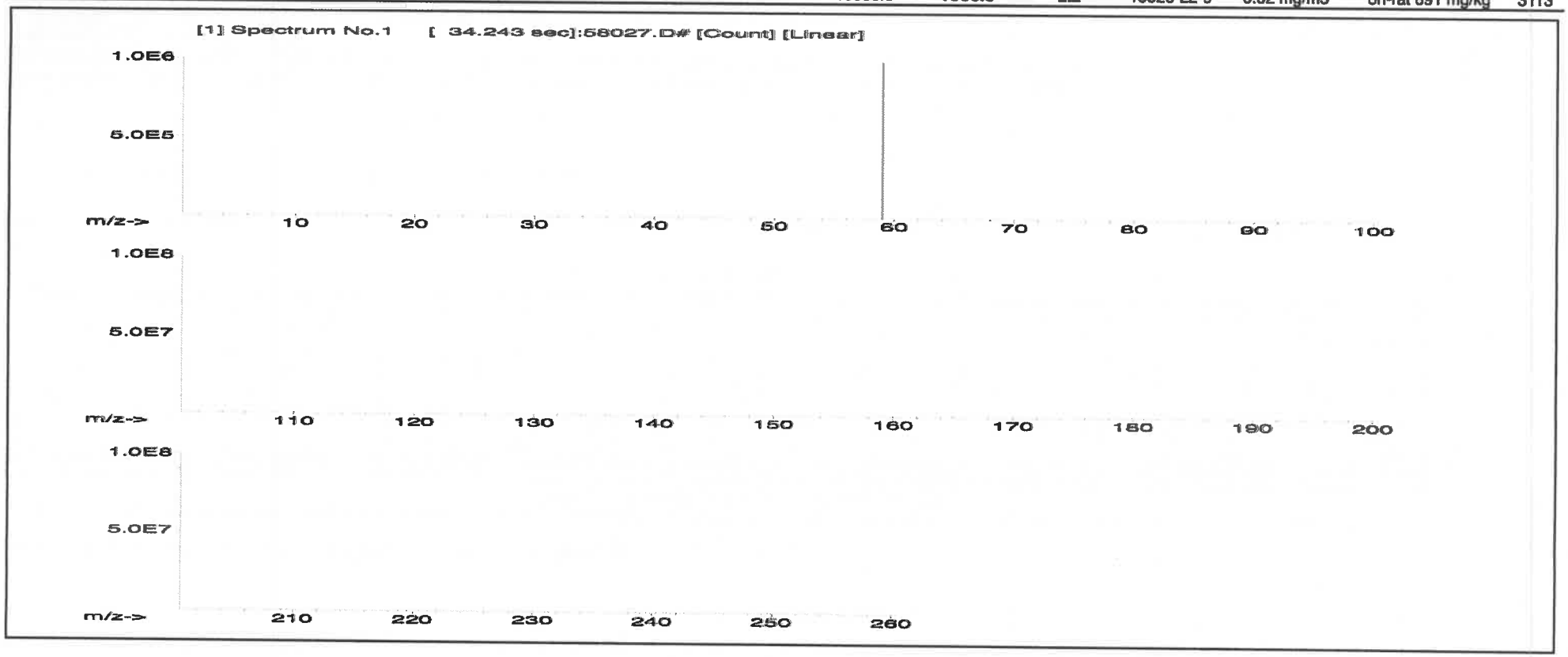
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091923
Reviewed By:	Pedro L. Rentas	091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	**2.2**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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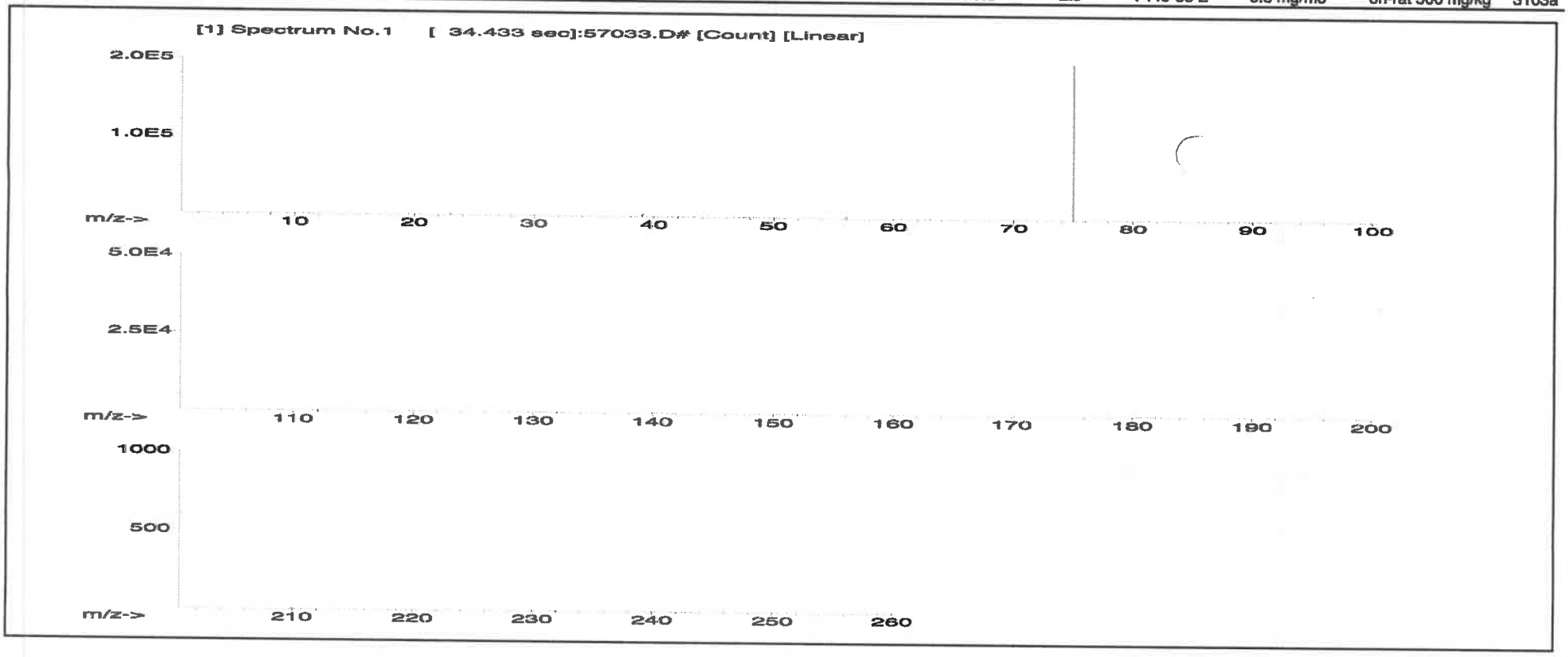
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CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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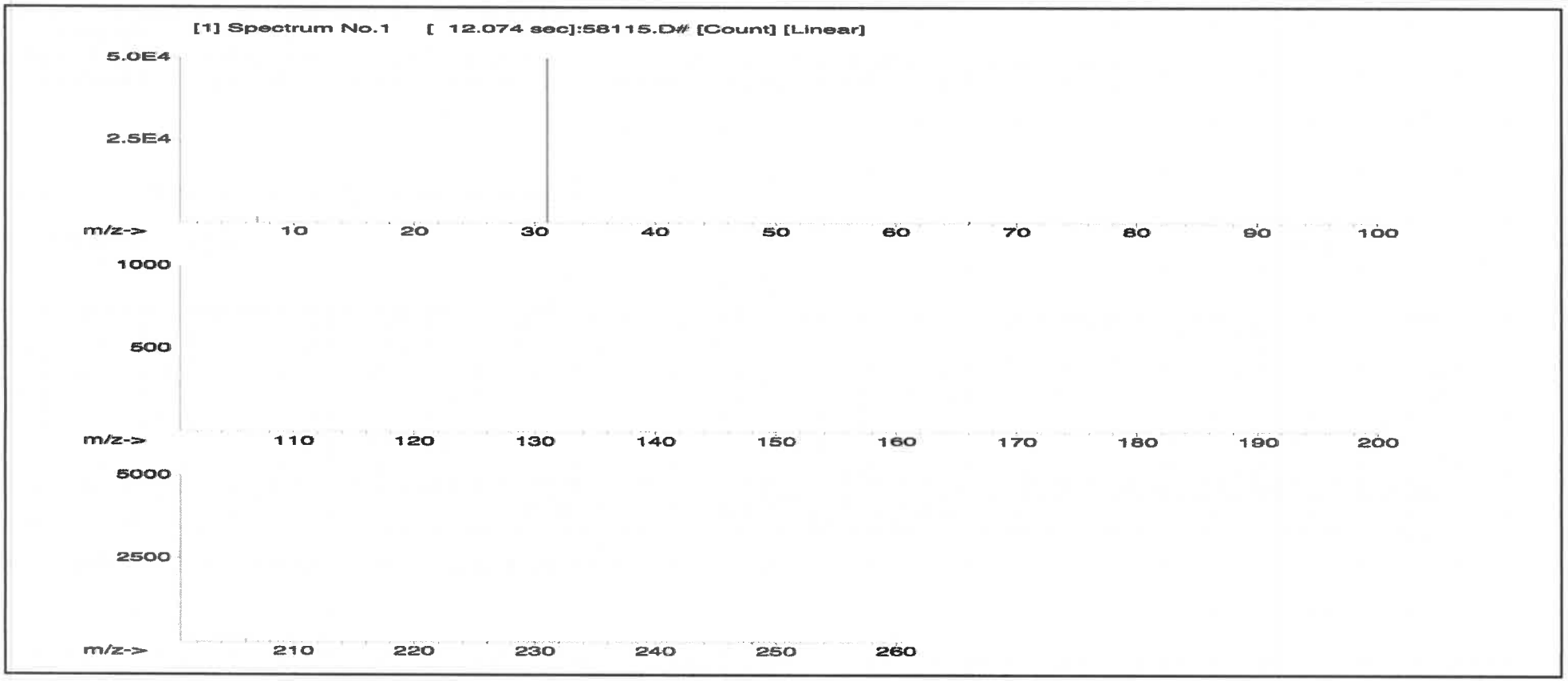
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CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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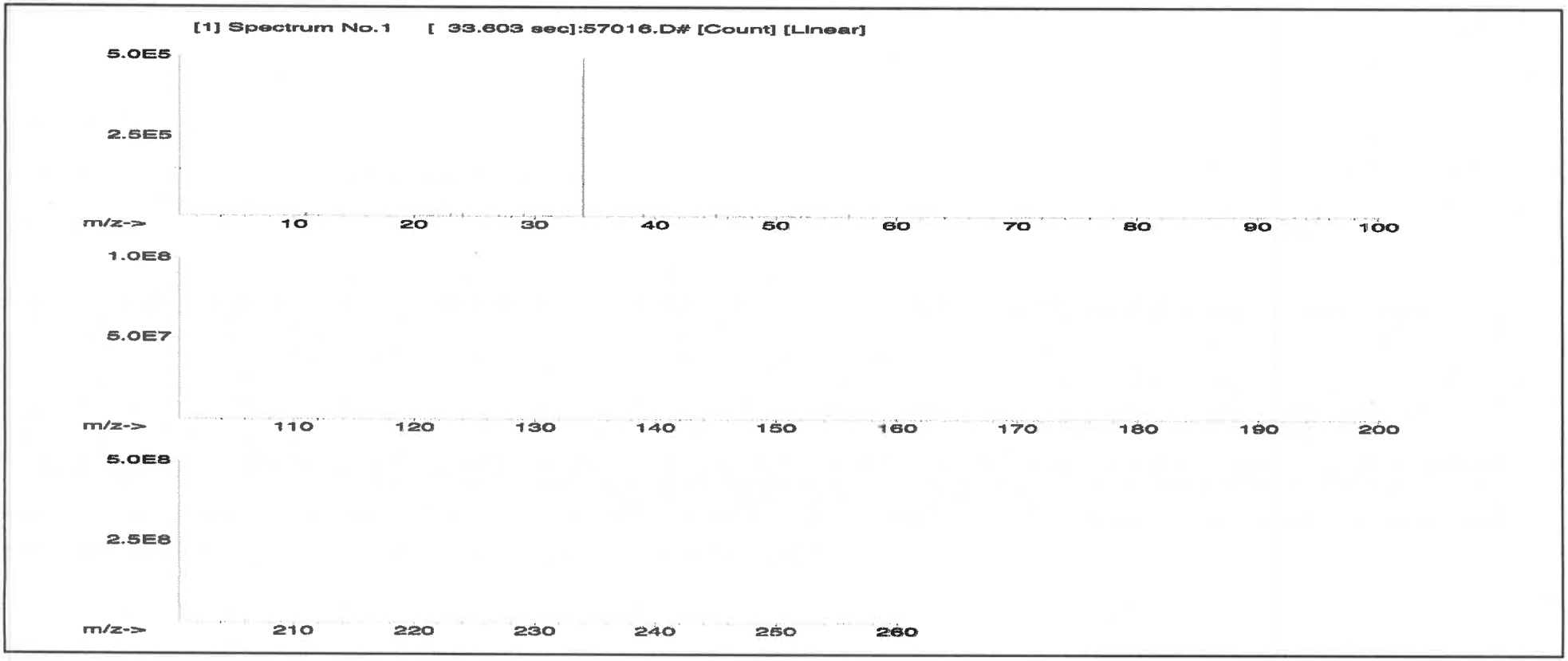
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CERTIFIED WEIGHT REPORT:

Part Number:	**57016**	**Solvent:**	**Lot #** 122923	ASTM Type 1 Water
Lot Number:	**122923**			
Description:	**Sulfur (S)**			
Expiration Date:	122926			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty	

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

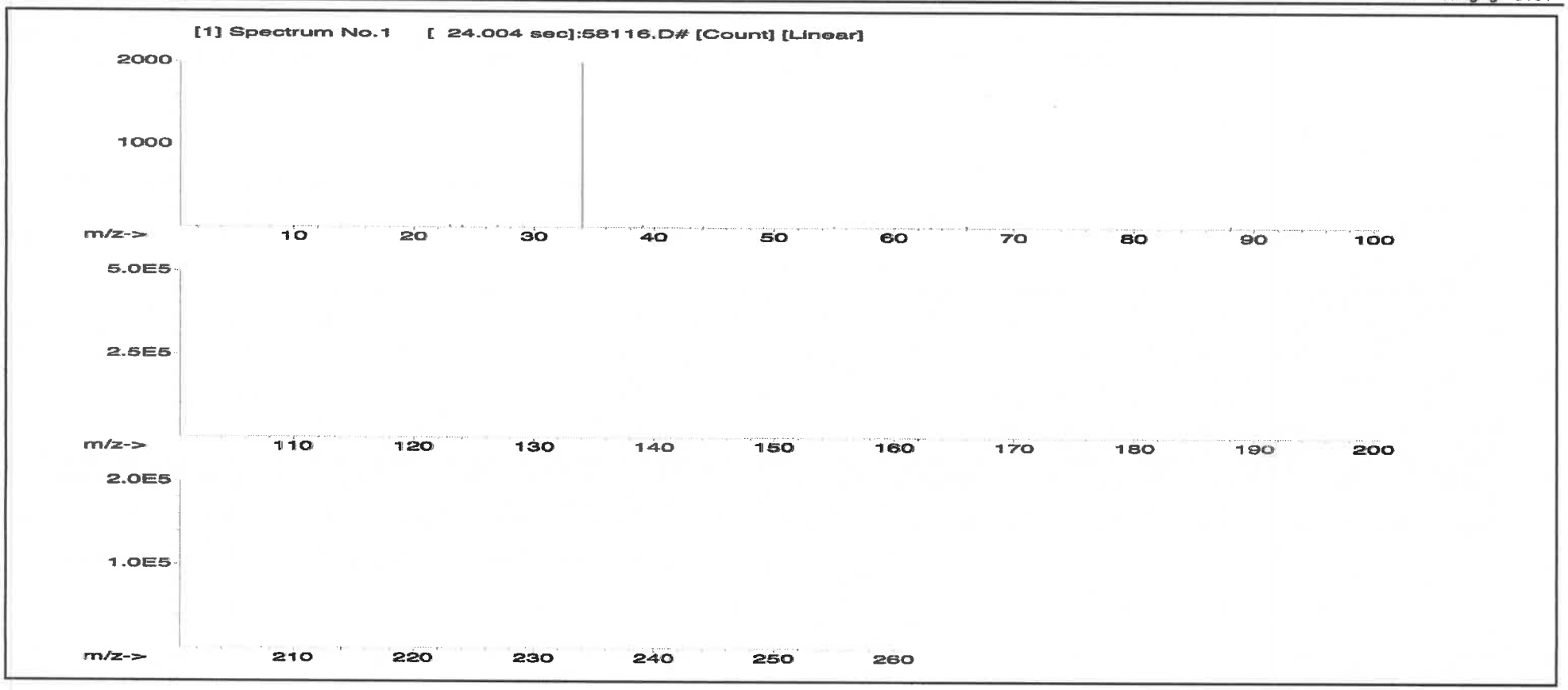
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 ± 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

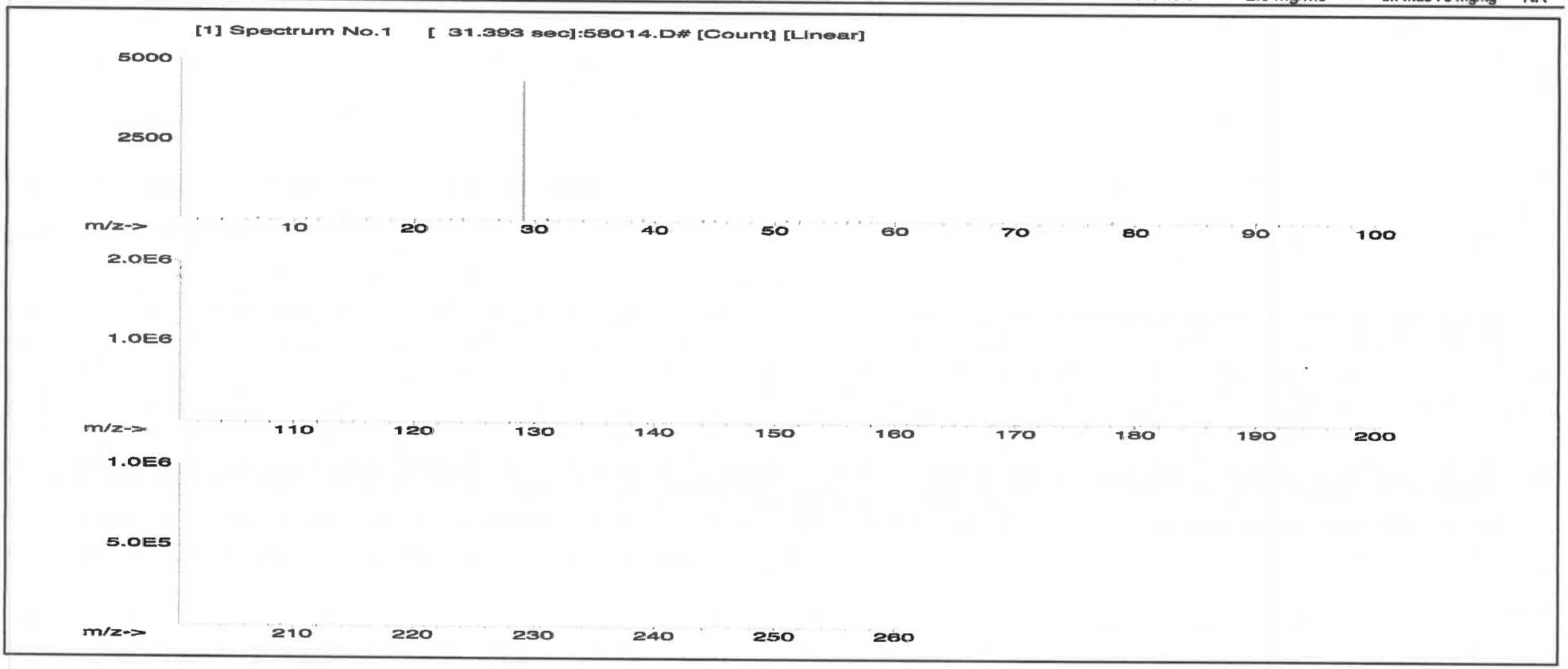
Aleah O'Brady

Formulated By: Aleah O'Brady 122023

Pedro Rentas

Reviewed By: Pedro L. Rentas 122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

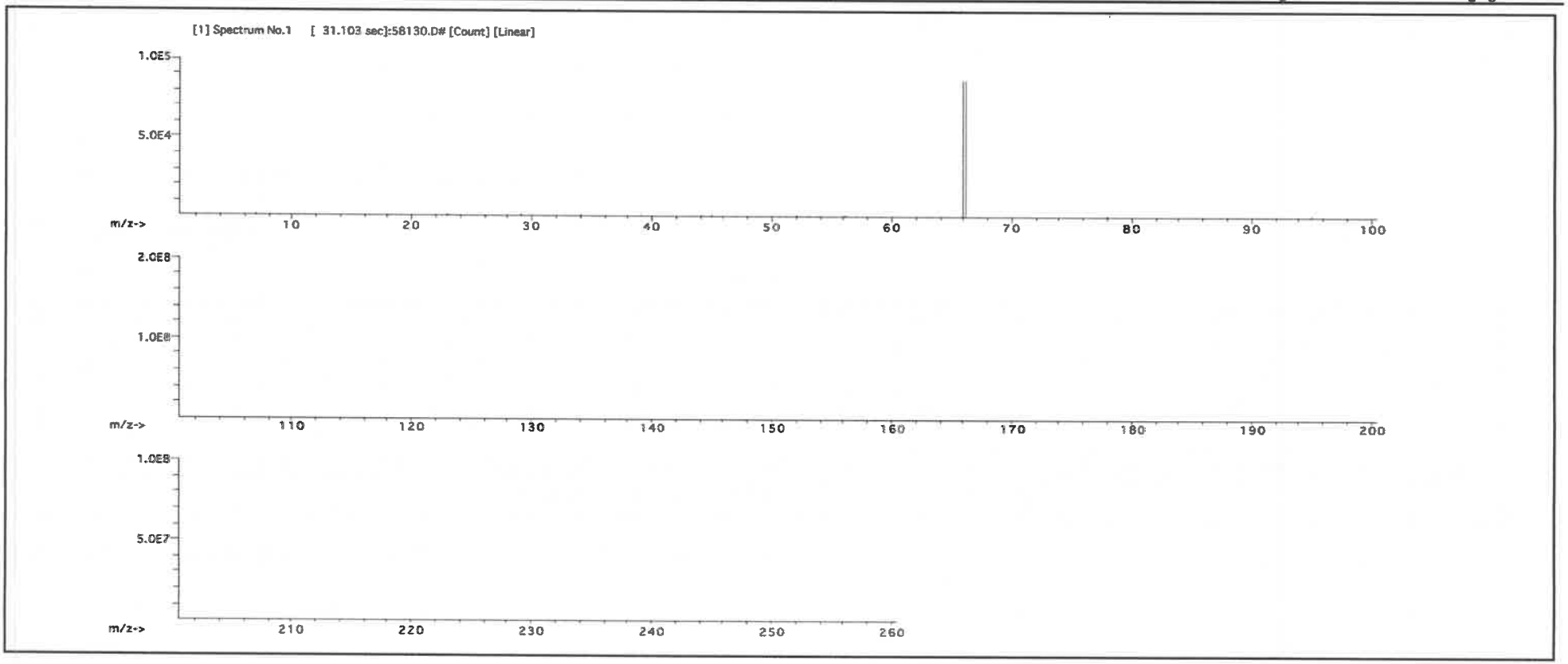
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #		
Solvent:	24002546	Nitric Acid		
	2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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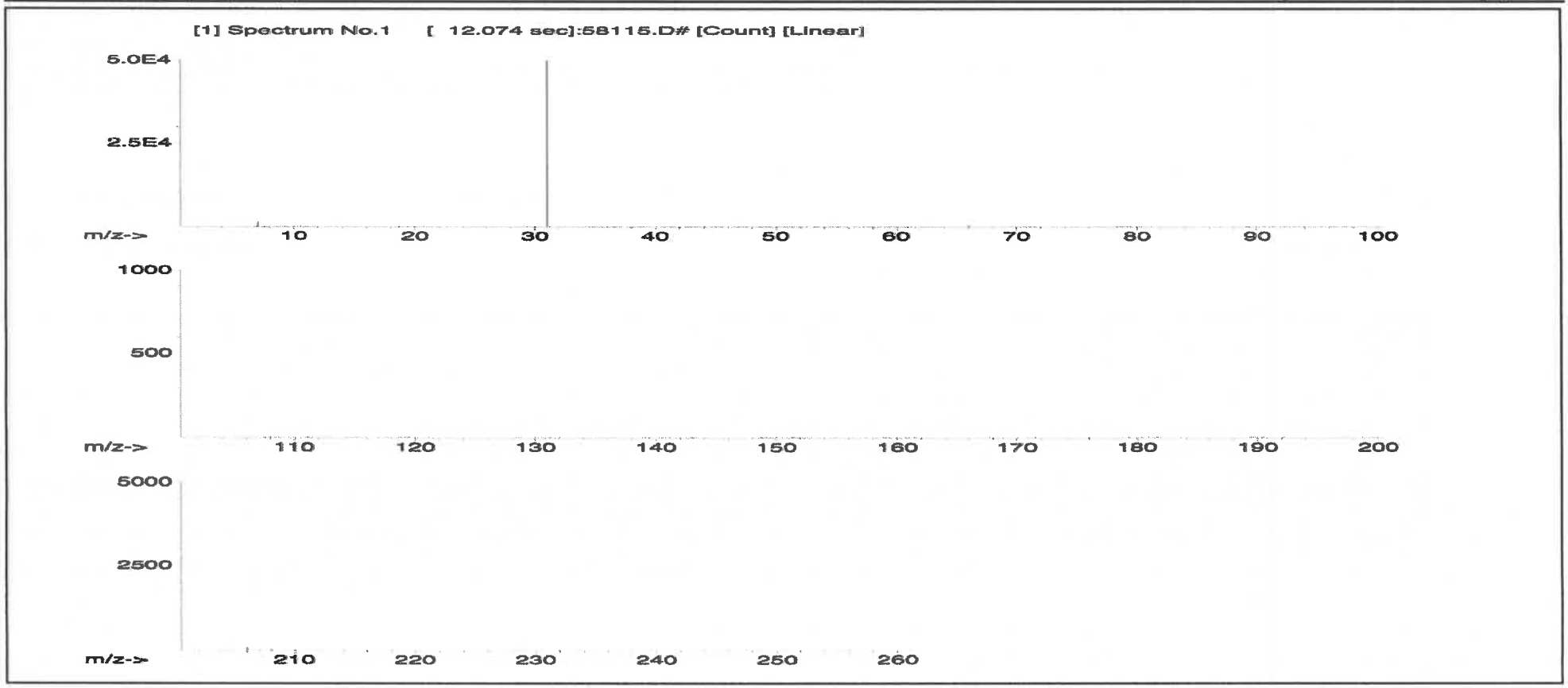
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CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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M5961 R: 6/11/24

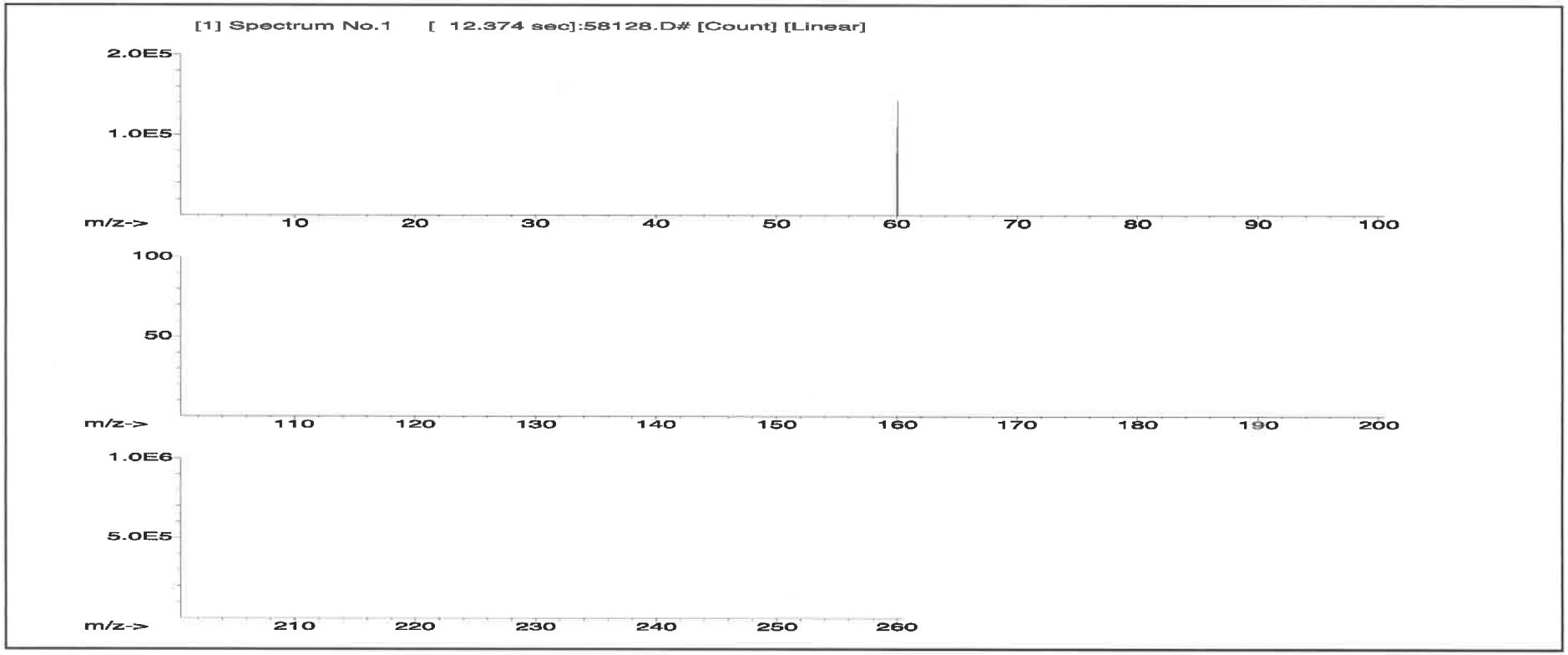
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CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57028**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**041124**			
Description:	**Nickel (Ni)**			
		2%	5.0 (mL)	Nitric Acid
Expiration Date:	041127			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	249.85	0.002	Flask Uncertainty	

Formulated By:	Brian Geddes	041124
Reviewed By:	Pedro L. Rentas	041124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Nickel(II) nitrate hexahydrate (Ni)	IN033	NIM052023A1	1000	99.999	0.10	20.2	1.2369	1.2369	**1000.0**	**2.0**	13478-00-7	1 mg/m3	orl-rat 1620 mg/kg	3136



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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M5962 R! 06/14/24.

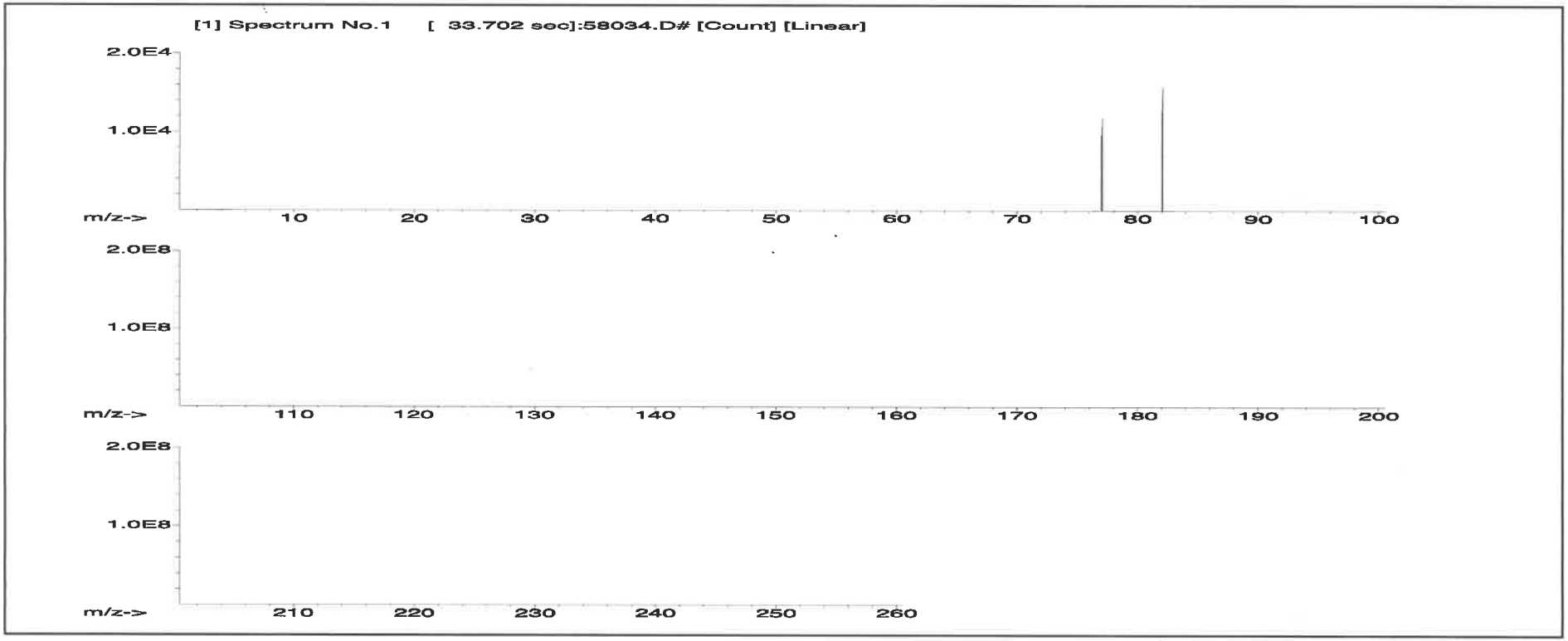
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	24002546	Nitric Acid	
Lot Number:	**060624**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060627			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



M5978, M5979

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO_3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma(w_i)^2\ (u_{char\ i})^2]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
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Certified Reference Material CRM

H5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	57092	24002546	Nitric Acid	
Lot Number:	060724			
Description:	Uranium (U)	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060727			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

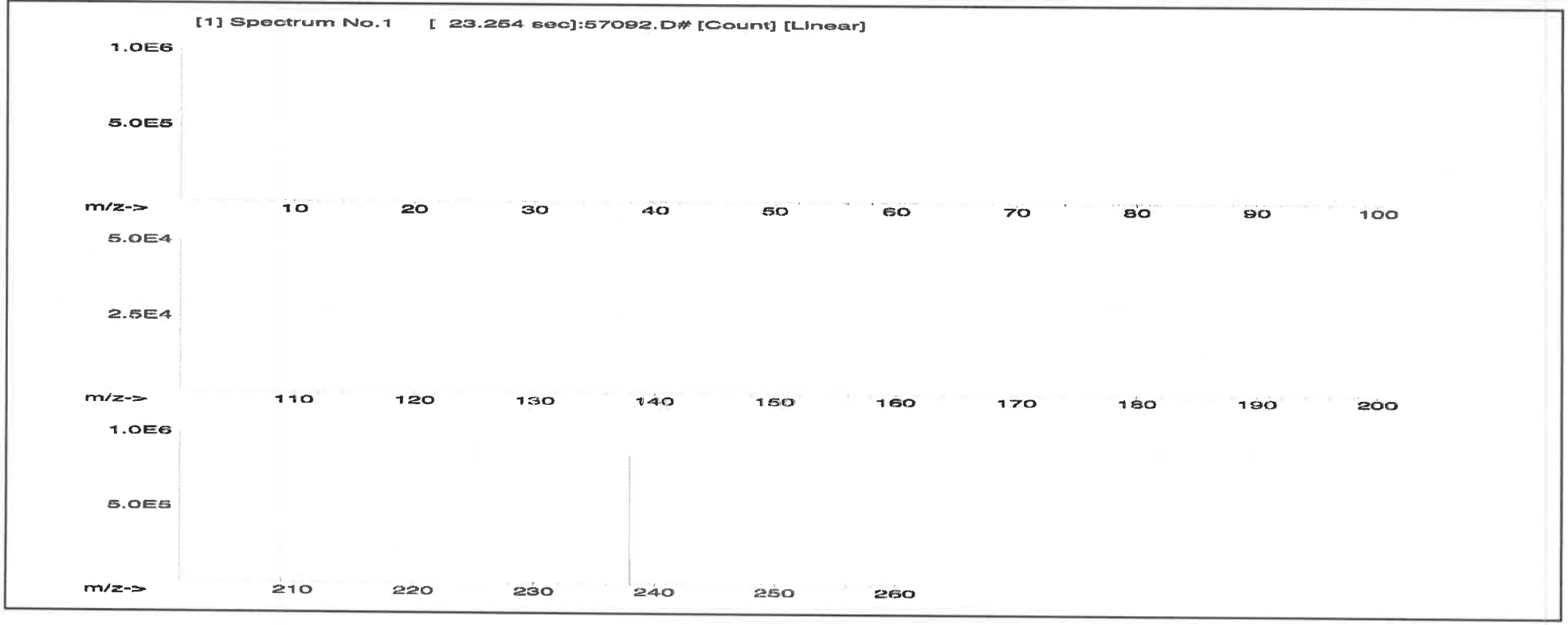
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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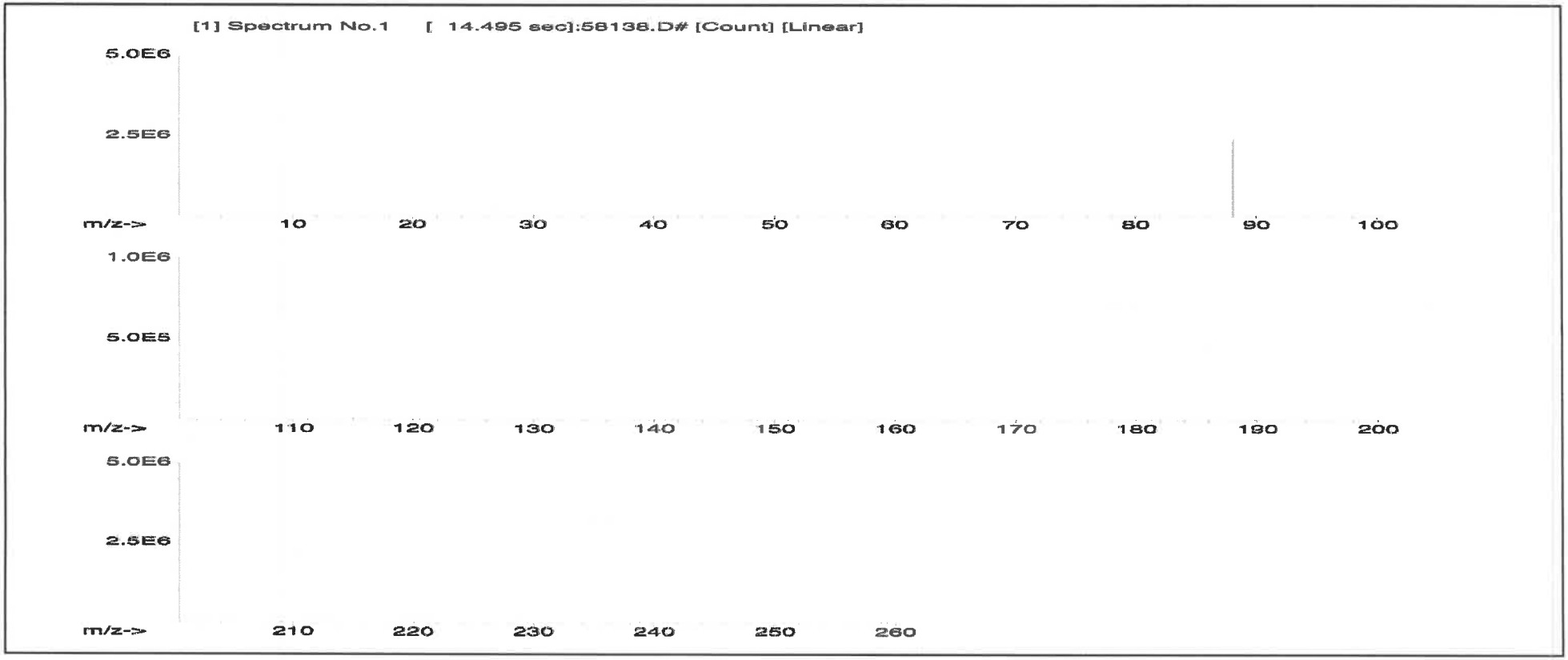
45982 R: 6/11/24

CERTIFIED WEIGHT REPORT:

Part Number:	**57038**		**Lot #**		
Lot Number:	**031524**	**Solvent:**	24002546	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	031527				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5983 R: 6/11/24

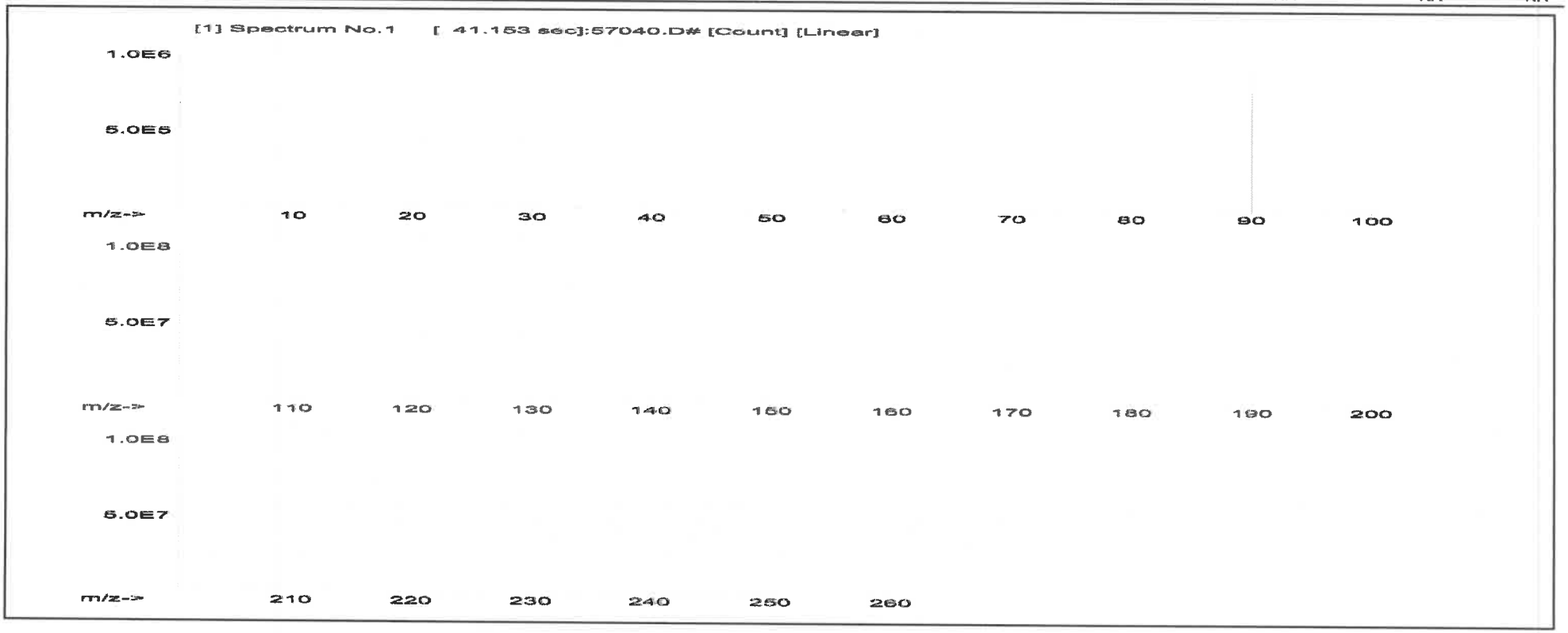
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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57040**	21110221	Nitric Acid	
Lot Number:	**071423**			
Description:	**Zirconium (Zr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071426			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071423
Reviewed By:	Pedro L. Rentas	071423

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zirconyl chloride octahydrate (Zr)	58140	070621	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	13520-92-8	NA	NA	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 01/03/24 M6033

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CERTIFIED WEIGHT REPORT:

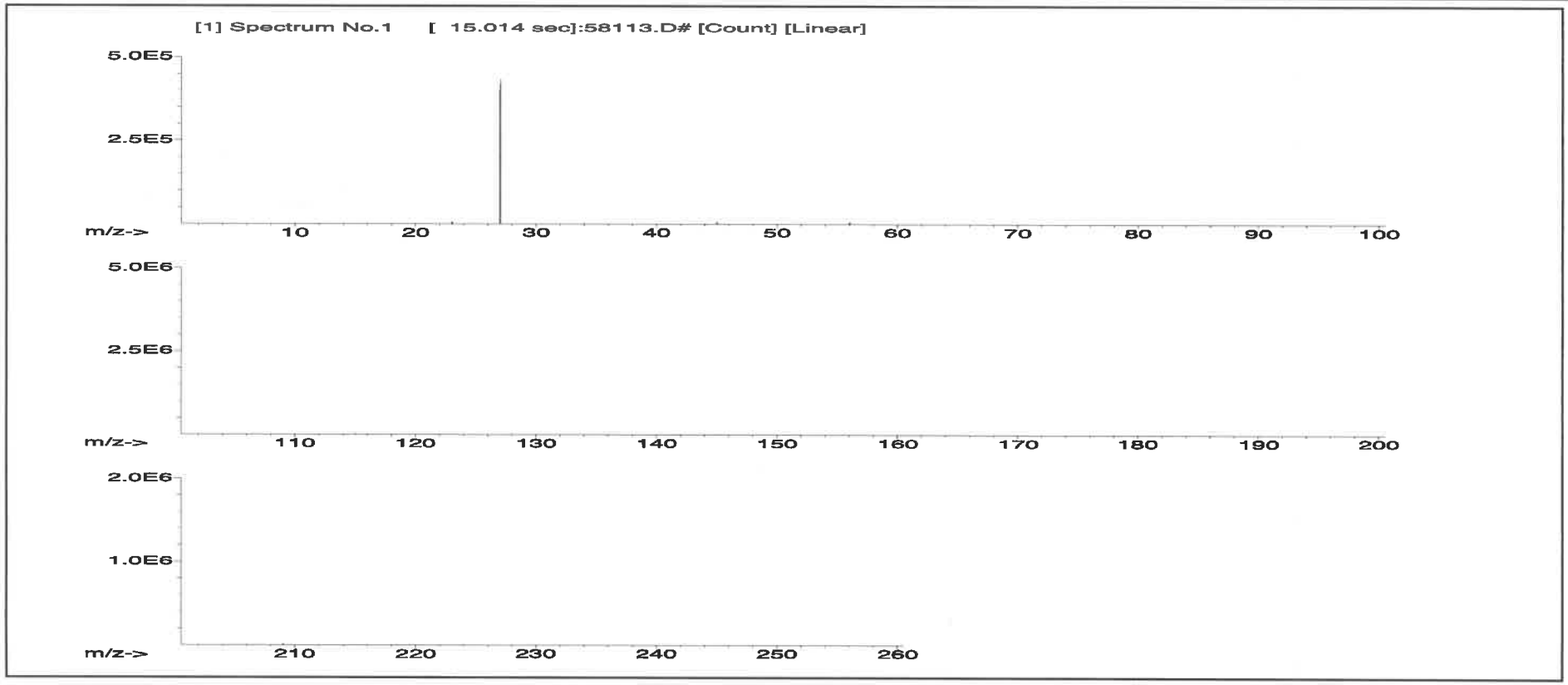
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Lot #

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



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Certificate of Analysis

R 8/19/24, M60055

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Christiansburg, VA 24073 USA
inorganicventures.com

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ba	ICP Assay	3104a	140909
Ba	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Bi	ICP Assay	3106	180815
Ce	ICP Assay	3110	160830
Ce	EDTA	928	928
Ce	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Co	Calculated		See Sec. 4.2
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Calculated		See Sec. 4.2
Li	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Ni	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
U	ICP Assay	traceable to 3164	R2-U689597
U	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Uranium 238U	99.8 ± 0.1
Uranium 235U	0.19 ± 0.05

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

M6094
M6095.

metdig
10/21/24.

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid-base titrn)	36.5 – 38.0 %	37.6 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.192
ACS – Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS – Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS – Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities – Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities – Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities – Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Nitric Acid 69%
CMOS

M6112
M6113
M6114
M6115
M6116
M6117

Receive:
9/29/24
Met dig

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

R → 10/13/24
Met dig

M 6/21

Material No.: 9530-33
Batch No.: 0000275677
Manufactured Date: 2020/12/16
Retest Date: 2025/12/15
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.190
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	< 0.2
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	29.7
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

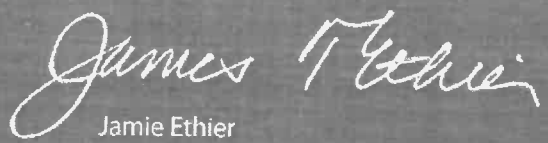
For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Material No.: 9530-33
Batch No.: 0000275677

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	<1
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.1
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	< 10.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.3
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

M6125 Receive -> 11/22/24

CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

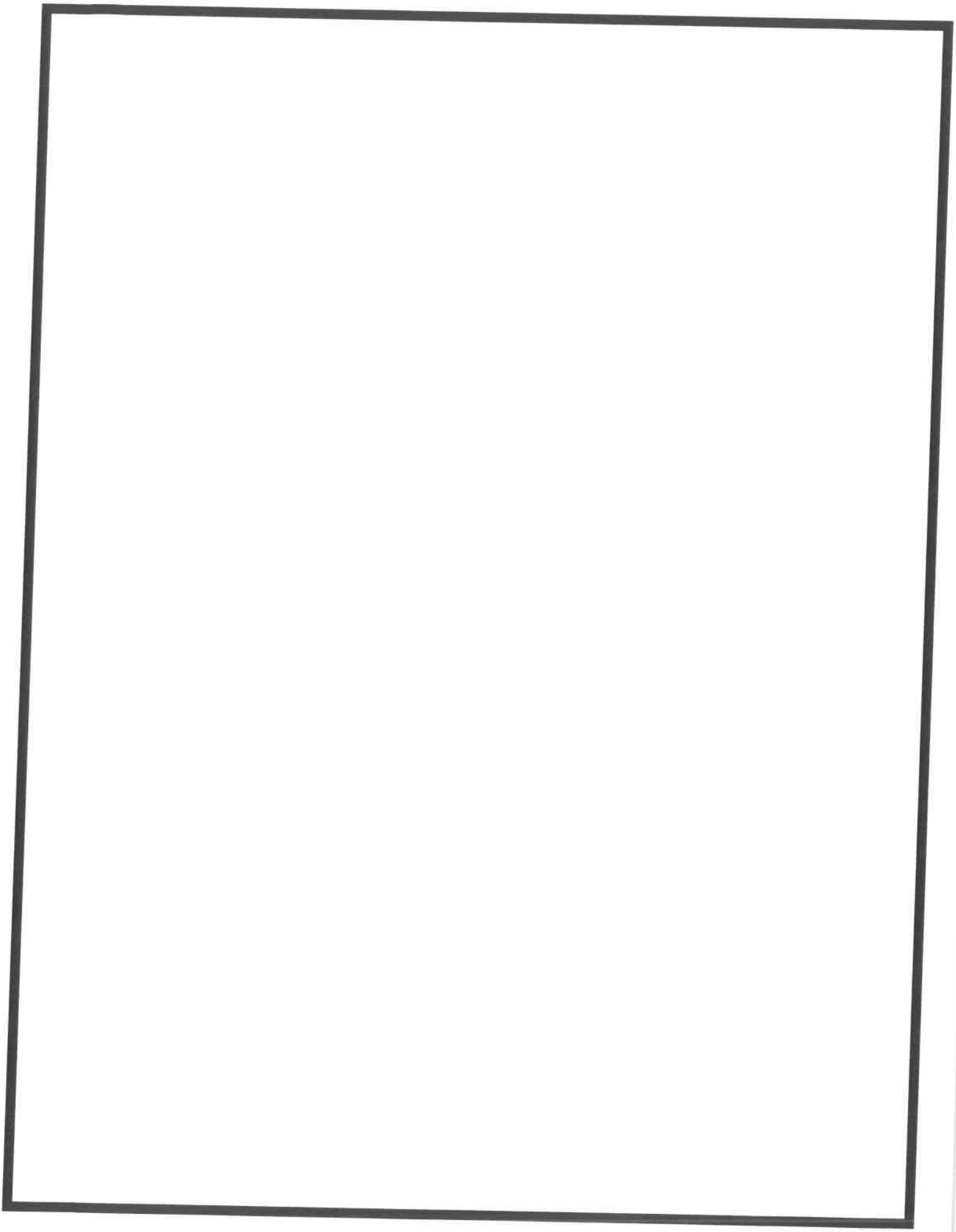
Office and Plant
299 Cedar Lane
Fairless Hills, PA 19030

Phone: 215-295-5006
Fax: 215-295-0781

Hydrogen Peroxide 30%, ACS

Reagent Grade

SPECIFICATION	MAXIMUM LIMITS
Appearance	Colorless and free from suspended matter or sediment
Assay	29-32%
Color (APHA)	10
Residue after Evaporation	0.002%
Titratable Acid	0.0006 meq/g
Chloride (Cl)	3 ppm
Nitrate (NO_3)	2 ppm
Phosphate	2 ppm
Sulfate (SO_4)	5 ppm
Ammonium (NH_4)	5 ppm
Heavy Metals (as Pb)	1 ppm
Iron (Fe)	0.5 ppm



Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

R -> 11/12/24

M6126

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 122223
Description: Sodium (Na)

Expiration Date: 122226
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

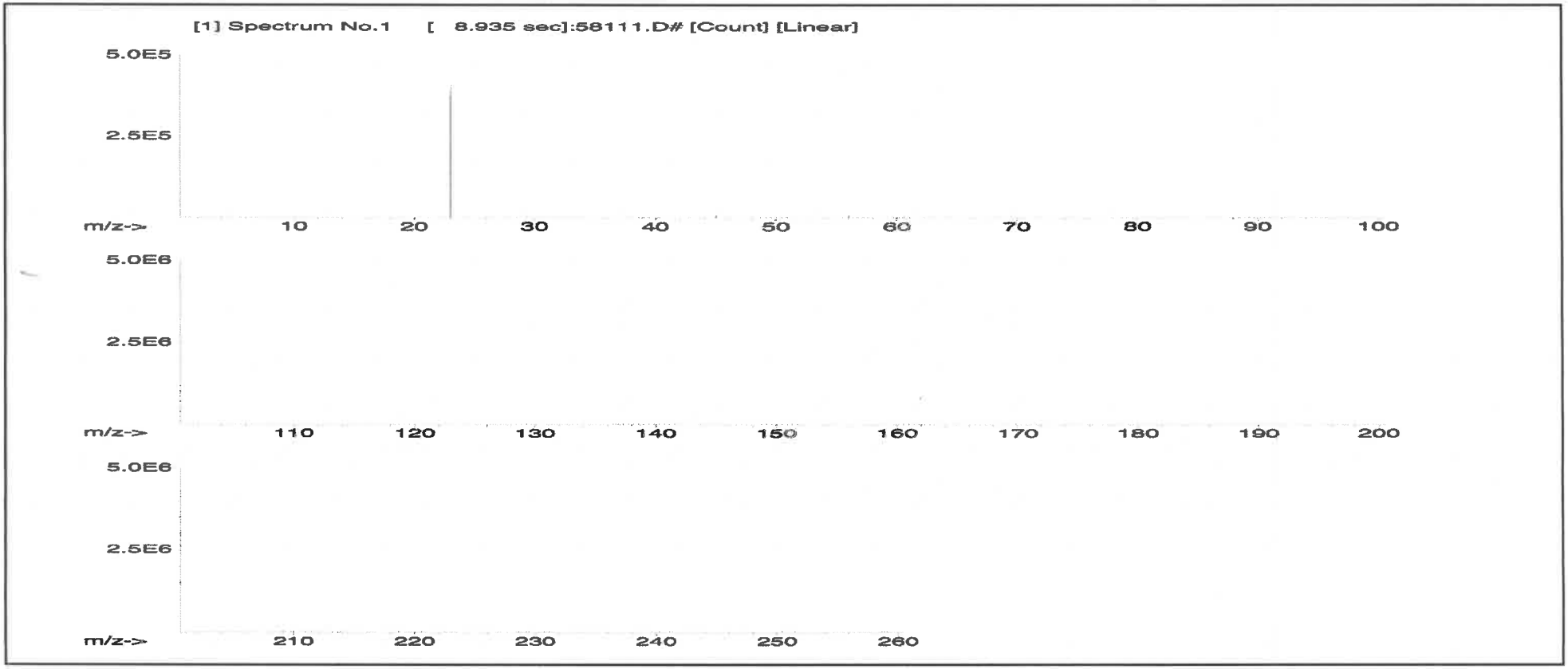
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES™

Refine your results. Redefine your industry.

A: 4/11/22

Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020ISS
Lot Number:	S2-MEB709511
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
6-Lithium, Li6	10.00 ± 0.03 µg/mL	Bismuth, Bi	10.00 ± 0.05 µg/mL
Holmium, Ho	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.04 µg/mL
Rhodium, Rh	10.00 ± 0.07 µg/mL	Scandium, Sc	10.00 ± 0.04 µg/mL
Terbium, Tb	10.00 ± 0.04 µg/mL	Yttrium, Y	10.00 ± 0.04 µg/mL

Density: 1.035 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Bi	ICP Assay	3106	180815
Bi	Calculated		See Sec. 4.2
Ho	ICP Assay	3123a	090408
Ho	EDTA	928	928
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li6	Gravimetric		See Sec. 4.2
Rh	ICP Assay	3144	070619
Sc	ICP Assay	3148a	100701
Sc	EDTA	928	928
Tb	ICP Assay	3157a	100518
Tb	EDTA	928	928
Tb	Calculated		See Sec. 4.2
Y	ICP Assay	3167a	120314
Y	EDTA	928	928
Y	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Lithium Li6	95.6 ± 0.3
Lithium Li7	4.4 ± 0.1

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- September 03, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

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ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

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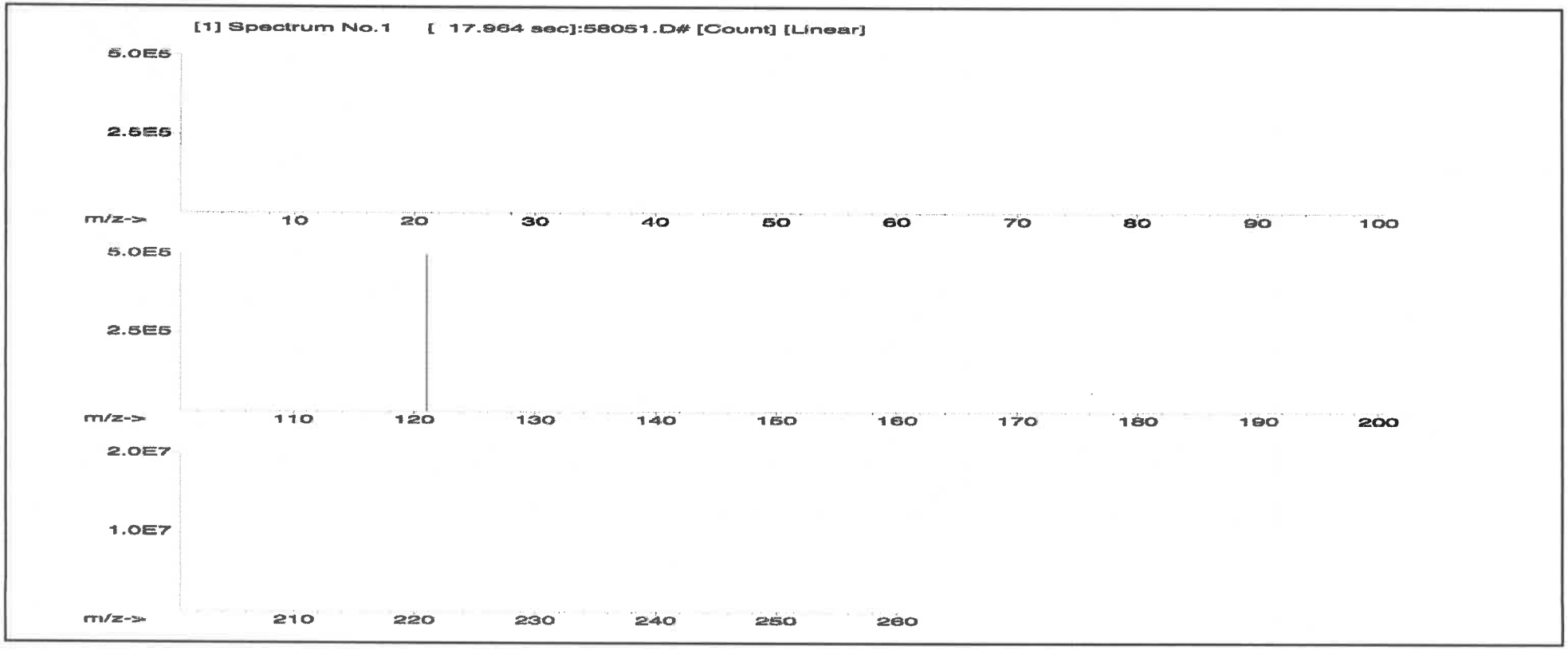
R: 01/03/24 M5802, M5803

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57051**	24002546	Nitric Acid	
Lot Number:	**120523**			
Description:	**Antimony (Sb)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	120526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M6030

R: 8/5/24

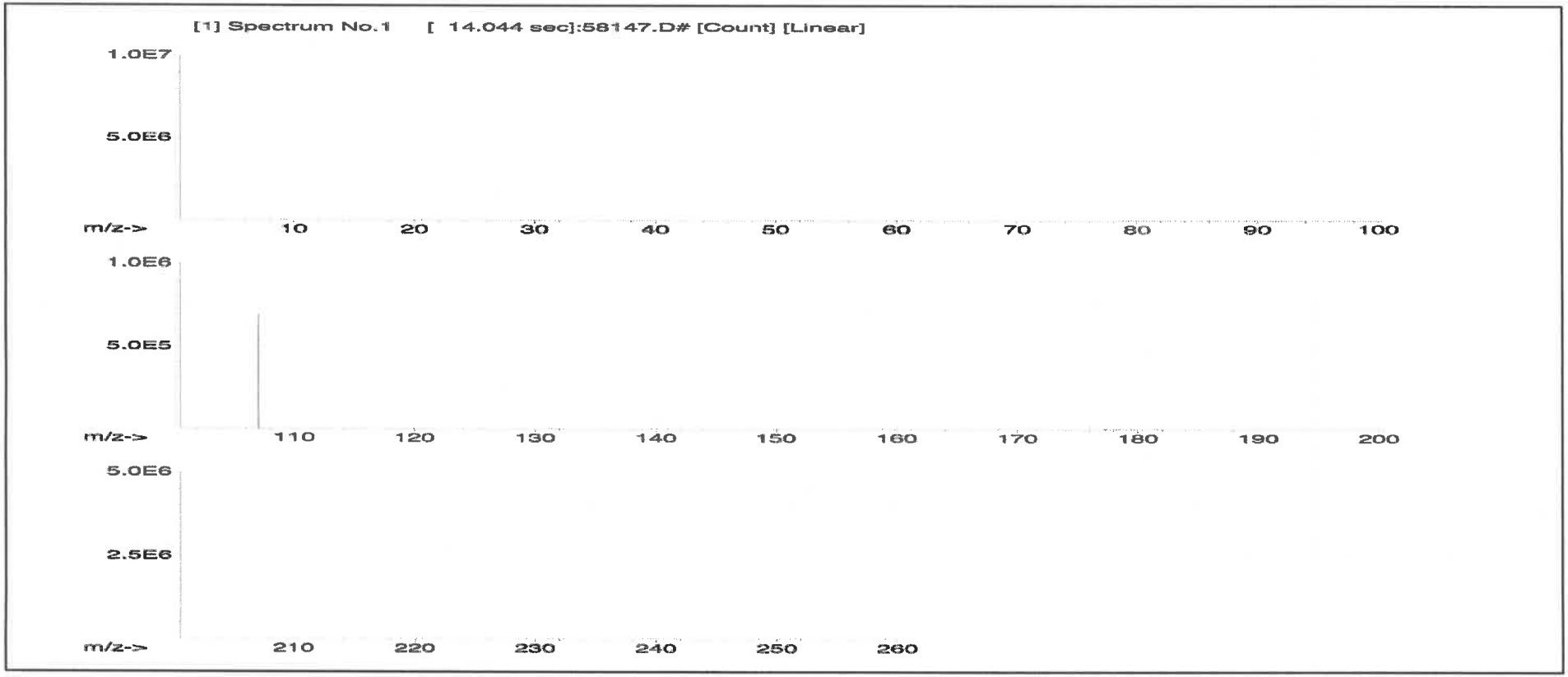
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number:	**57047**		**Lot #**		
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**	2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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www.absolutestandards.com

Certified Reference Material CRM

R: 03/16/23 M5473, M5474, M5475, M5476

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

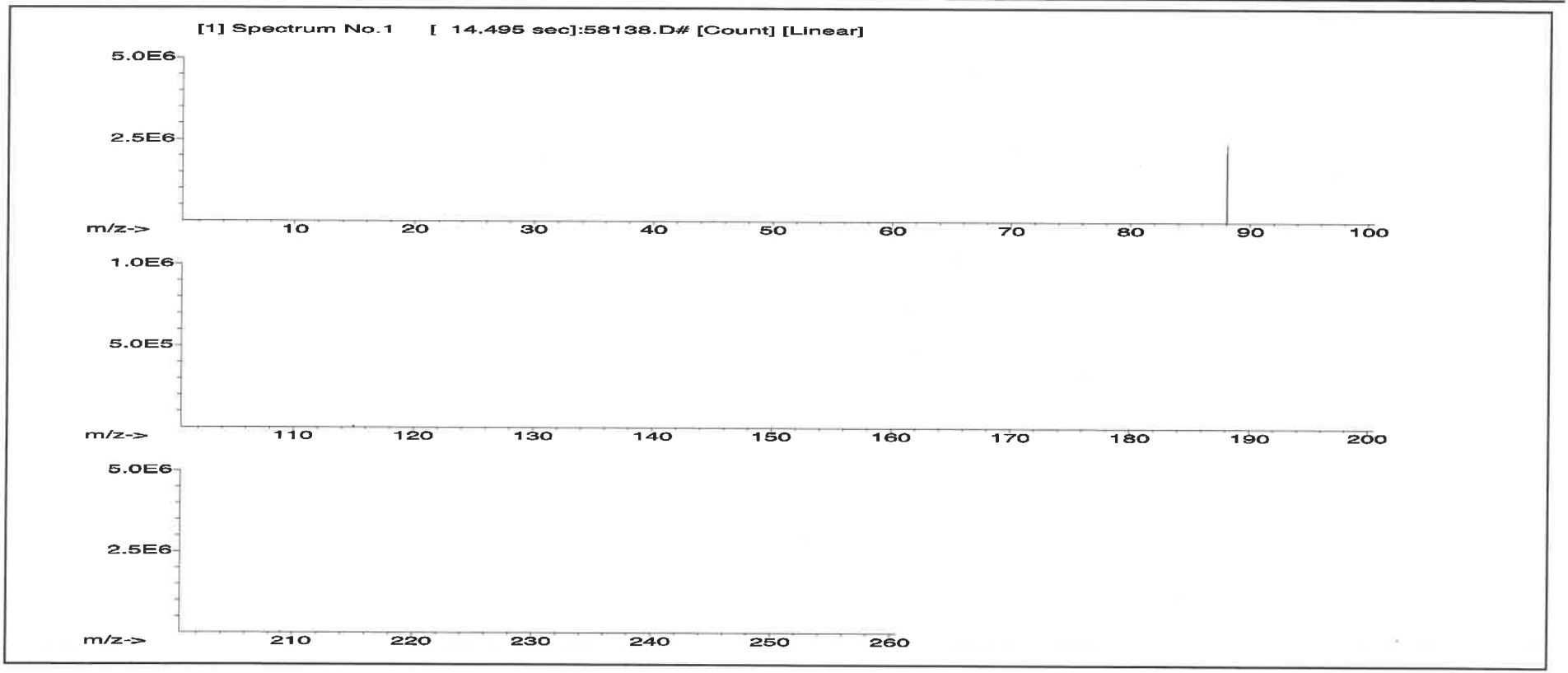
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R ! 8/5/24

M6023

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

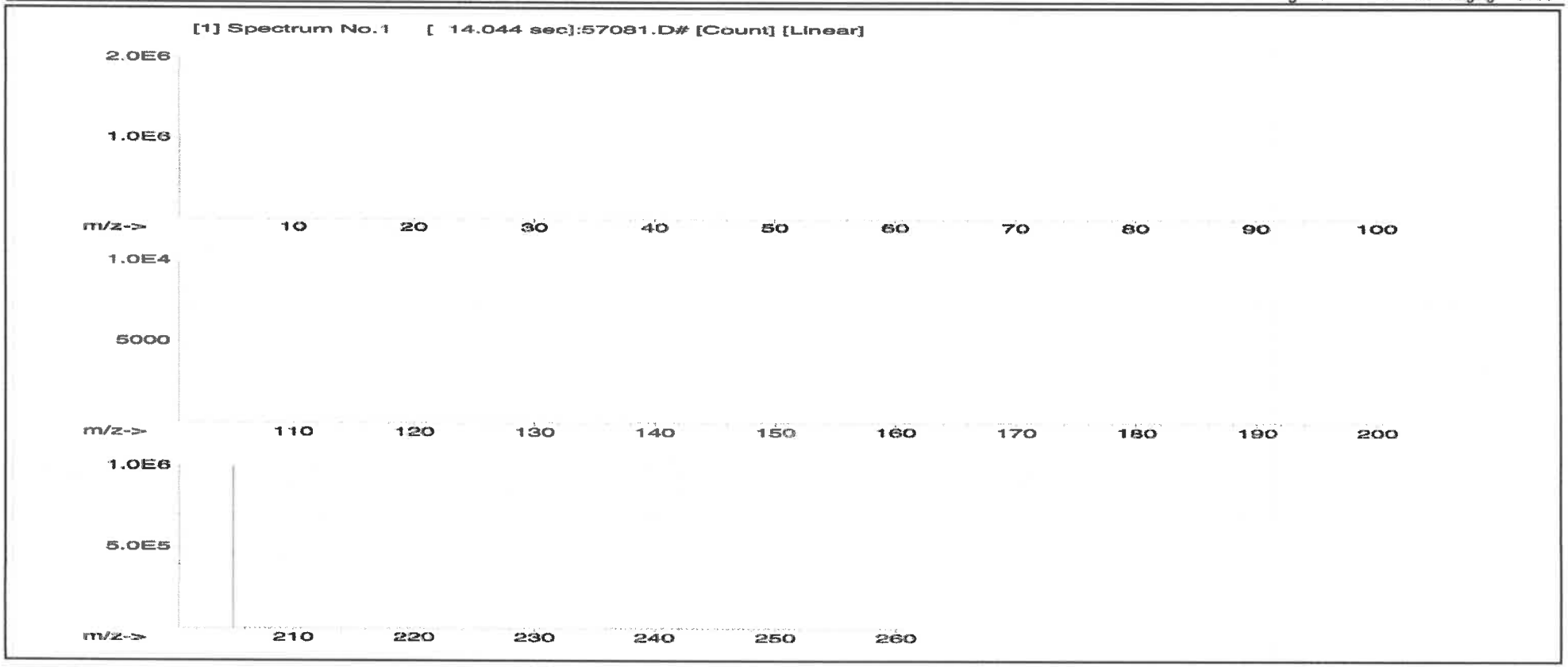
CERTIFIED WEIGHT REPORT:

Part Number:	**57081**		**Lot #**		
Lot Number:	**062724**	**Solvent:**	24002546	Nitric Acid	
Description:	**Thallium (Tl)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	062727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.1	0.10	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	062724
Reviewed By:	Pedro L. Rentas	062724

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Thallium nitrate (Tl)	IN037	BCCF4399	1000	99.999	0.10	77.0	2.5975	2.5977	**1000.1**	**2.0**	10102-45-1	0.1 mg/m3	orl-mus 15mg/kg	3158



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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Certified Reference Material CRM

M6021

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Bc. 8/5/24

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**	24002546	Nitric Acid	
Description:	**Vanadium (V)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

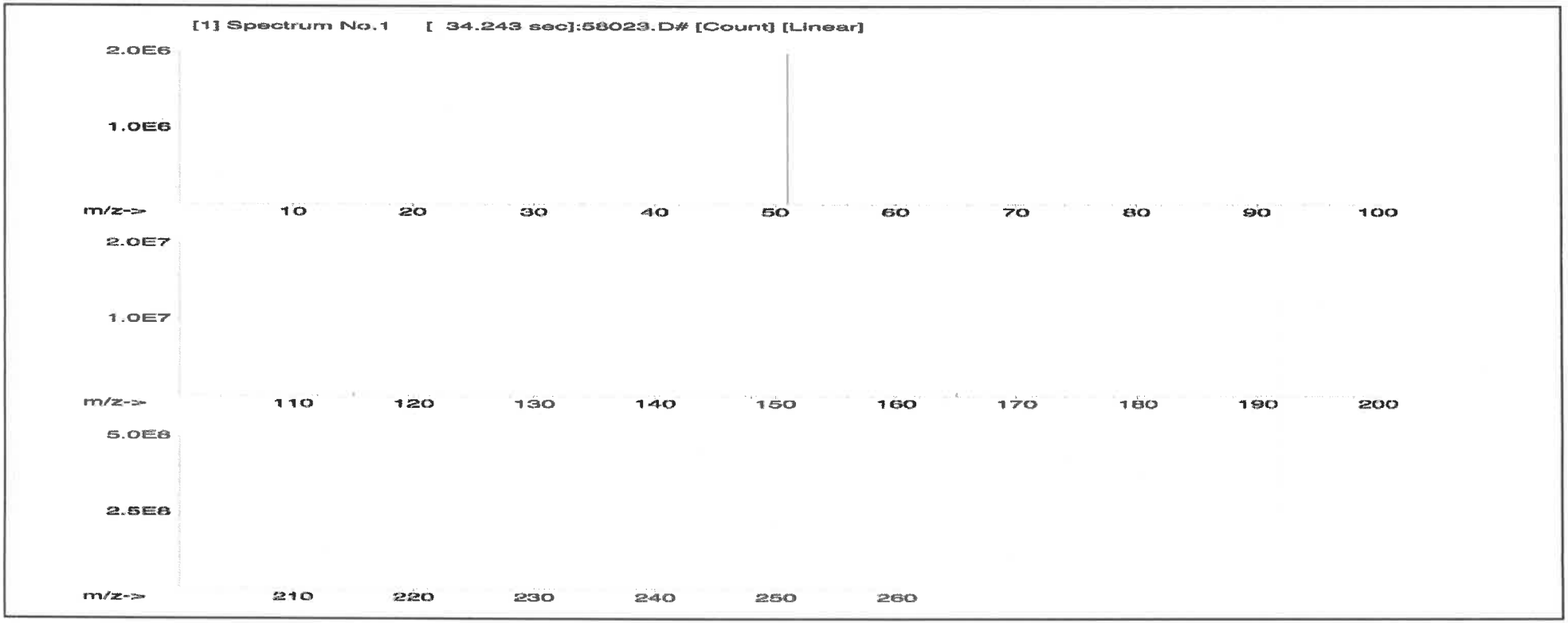
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

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SJ 12/12/2024

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB165550

M3050B-Digestion-20

SOP ID : ~~M200.8-Trace Elements-22~~, MSFAM01.1-Metals ICPMS-2

SDG No : MYCZ59

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #23 2. N/A

Start Digest Date: 12/11/2024 **Time :** 09:45 **Temp :** 96 °C

End Digest Date: 12/11/2024 **Time :** 13:25 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: SJ

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	~~MP83669~~ MP83046
LCSSD	0.50	~~MP83669~~ MP83046
Spike Sol 1	0.3mL,0.3mL,0.027mL	M5565,M5657,M5962
Spike Sol 2	1.5mL,1.5mL,0.135mL	M5565,M5657,M5962
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP83498
1:1 HCL	5.00	MP83499
Conc. HNO3	5.00	M6126
30% H2O2	3.00	M6125
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK# CELL#34 Temp:96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/12/24 14:25	SJ - met digestion	MH - Metal Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB165550

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P5177-01	MYCZ59	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	1
P5177-02	MYCZ60	N/A	1.42	500	Brown	Yellow	Medium	N/A	N/A	2
P5177-03	MYCZ61	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	3
P5177-04	MYCZ62	N/A	1.27	500	Brown	Yellow	Medium	N/A	N/A	4
P5177-05	MYCZ63	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	5
P5177-06	MYCZ64	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	6
P5177-07	MYCZ65	N/A	1.22	500	Brown	Yellow	Medium	N/A	N/A	7
P5177-08	MYCZ66	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	8
P5177-09	MYCZ67	N/A	1.45	500	Brown	Yellow	Medium	N/A	N/A	9
P5177-10	MYCZ68	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	10
P5177-11	MYD012	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	11
P5177-12	MYD013	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	12
P5177-13	MYD014	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	13
P5177-14	MYD015	N/A	1.42	500	Brown	Yellow	Medium	N/A	N/A	14
P5177-15	MYD016	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	15
P5177-16	MYD017	N/A	1.09	500	Brown	Yellow	Medium	N/A	N/A	16
P5177-17	MYD018	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	17
P5177-18	MYD019	N/A	1.44	500	Brown	Yellow	Medium	N/A	N/A	18
P5177-19	MYD020	N/A	1.42	500	Brown	Yellow	Medium	N/A	N/A	19
P5177-20	MYD021	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	20
P5177-20MS	MYD021SRE	N/A	1.24	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	21
~~P5177-20MSD~~	~~MYD021MSD~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~
P5177-21	MYD021D	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	22
P5177-22	MYD021S	N/A	1.30	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	23
PB165550BL	PBS550	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB165550BS	LCS550	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP83046	25
PB165550BSD	LCSD550	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP83046	26

SJ
12/20/24

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133948

Review By	Sarabjit Jaswal	Review On	12/18/2024 9:28:14 PM
Supervise By	Mohan Bera	Supervise On	12/18/2024 10:31:08 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE001	TUNE	12/13/24 13:03		Jaswal	OK
2	S00	S0	CAL1	12/13/24 13:32		Jaswal	OK
3	S02	S02	CAL3	12/13/24 13:36		Jaswal	OK
4	S03	S03	CAL4	12/13/24 13:39		Jaswal	OK
5	S04	S04	CAL5	12/13/24 13:42		Jaswal	OK
6	S05	S05	CAL6	12/13/24 13:45		Jaswal	OK
7	S06	S06	CAL7	12/13/24 13:47		Jaswal	OK
8	S07	S07	CAL8	12/13/24 13:50		Jaswal	OK
9	S08	S08	CAL9	12/13/24 13:53		Jaswal	OK
10	ICV001	ICV001	ICV	12/13/24 13:57		Jaswal	OK
11	ICB001	ICB001	ICB	12/13/24 14:01		Jaswal	OK
12	ICSA001	ICSA001	ICSA	12/13/24 14:04		Jaswal	OK
13	ICSAB001	ICSAB001	ICSAB	12/13/24 14:07		Jaswal	OK
14	CCV001	CCV001	CCV	12/13/24 14:24	Inst. paused for review	Jaswal	OK
15	CCB001	CCB001	CCB	12/13/24 14:27		Jaswal	OK
16	PB165530BL	PBS530	MB	12/13/24 14:30		Jaswal	OK
17	PB165530BS	LCS530	LCS	12/13/24 14:33		Jaswal	OK
18	PB165530BSD	LCSD530	LCSD	12/13/24 14:36		Jaswal	OK

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ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

19	PB165541BL	PBS541	MB	12/13/24 14:40		Jaswal	OK
20	PB165541BS	LCS541	LCS	12/13/24 14:43		Jaswal	OK
21	PB165541BSD	LCSD541	LCSD	12/13/24 14:46		Jaswal	OK
22	PB165550BL	PBS550	MB	12/13/24 14:49		Jaswal	OK
23	PB165550BS	LCS550	LCS	12/13/24 14:53		Jaswal	OK
24	PB165550BSD	LCSD550	LCSD	12/13/24 14:56		Jaswal	OK
25	PB165576BL	PBS576	MB	12/13/24 14:59		Jaswal	OK
26	PB165576BS	LCS576	LCS	12/13/24 15:02		Jaswal	OK
27	PB165576BSD	LCSD576	LCSD	12/13/24 15:06		Jaswal	OK
28	PB165578BL	PBS578	MB	12/13/24 15:09		Jaswal	OK
29	PB165578BS	LCS578	LCS	12/13/24 15:12		Jaswal	OK
30	PB165578BSD	LCSD578	LCSD	12/13/24 15:15		Jaswal	OK
31	P5172-20	MYCZ38	SAM	12/13/24 15:19	Wrong Dilution	Jaswal	Not Ok
32	P5172-21	MYCZ38D	DUP	12/13/24 15:22	Wrong Dilution	Jaswal	Not Ok
33	P5172-20L	MYCZ38L	SD	12/13/24 15:25	Wrong Dilution	Jaswal	Not Ok
34	P5172-22	MYCZ38S	MS	12/13/24 15:28	Wrong Dilution	Jaswal	Not Ok
35	P5172-20MS	MYCZ38SRE	MS	12/13/24 15:31	Wrong Dilution	Jaswal	Not Ok
36	P5173-20	MYCZ58	SAM	12/13/24 15:34	Wrong Dilution	Jaswal	Not Ok
37	P5173-21	MYCZ58D	DUP	12/13/24 15:37	Wrong Dilution	Jaswal	Not Ok
38	P5173-20L	MYCZ58L	SD	12/13/24 15:40	Wrong Dilution	Jaswal	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133948

Review By	Sarabjit Jaswal	Review On	12/18/2024 9:28:14 PM
Supervise By	Mohan Bera	Supervise On	12/18/2024 10:31:08 PM

STD. NAME	STD REF.#
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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

39	P5173-22	MYCZ58S	MS	12/13/24 15:43	Wrong Dilution	Jaswal	Not Ok
40	P5173-20MS	MYCZ58SRE	MS	12/13/24 15:46	Wrong Dilution	Jaswal	Not Ok
41	P5177-20	MYD021	SAM	12/13/24 15:49	Wrong Dilution	Jaswal	Not Ok
42	CCV002	CCV002	CCV	12/13/24 15:52		Jaswal	OK
43	CCB002	CCB002	CCB	12/13/24 15:54		Jaswal	OK
44	P5177-21	MYD021D	DUP	12/13/24 15:58	Wrong Dilution	Jaswal	Not Ok
45	P5177-20L	MYD021L	SD	12/13/24 16:01	Wrong Dilution	Jaswal	Not Ok
46	P5177-20MS	MYD021SRE	MS	12/13/24 16:04	Wrong Dilution	Jaswal	Not Ok
47	P5177-22	MYD021S	MS	12/13/24 16:07	Wrong Dilution	Jaswal	Not Ok
48	P5178-20	MYCZ88	SAM	12/13/24 16:10	Wrong Dilution	Jaswal	Not Ok
49	P5178-21	MYCZ88D	DUP	12/13/24 16:13	Wrong Dilution	Jaswal	Not Ok
50	P5178-20L	MYCZ88L	SD	12/13/24 16:16	Wrong Dilution	Jaswal	Not Ok
51	P5178-22	MYCZ88S	MS	12/13/24 16:19	Wrong Dilution	Jaswal	Not Ok
52	P5178-20MS	MYCZ88SRE	MS	12/13/24 16:22	Wrong Dilution	Jaswal	Not Ok
53	P5179-20	MYCZA8	SAM	12/13/24 16:25	Wrong Dilution	Jaswal	Not Ok
54	P5179-21	MYCZA8D	DUP	12/13/24 16:28	Wrong Dilution	Jaswal	Not Ok
55	P5179-20L	MYCZA8L	SD	12/13/24 16:31	Wrong Dilution	Jaswal	Not Ok
56	P5179-22	MYCZA8S	MS	12/13/24 16:34	Wrong Dilution	Jaswal	Not Ok
57	P5179-20MS	MYCZA8SRE	MS	12/13/24 16:37	Wrong Dilution	Jaswal	Not Ok
58	P5172-01	MYCZ19	SAM	12/13/24 16:40		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133948

Review By	Sarabjit Jaswal	Review On	12/18/2024 9:28:14 PM
Supervise By	Mohan Bera	Supervise On	12/18/2024 10:31:08 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

59	P5172-02	MYCZ20	SAM	12/13/24 16:43		Jaswal	OK
60	P5172-03	MYCZ21	SAM	12/13/24 16:46		Jaswal	OK
61	P5172-04	MYCZ22	SAM	12/13/24 16:49		Jaswal	OK
62	P5172-05	MYCZ23	SAM	12/13/24 16:52		Jaswal	OK
63	P5172-06	MYCZ24	SAM	12/13/24 16:56		Jaswal	OK
64	P5172-07	MYCZ25	SAM	12/13/24 16:59		Jaswal	OK
65	P5172-08	MYCZ26	SAM	12/13/24 17:02		Jaswal	OK
66	P5172-09	MYCZ27	SAM	12/13/24 17:05		Jaswal	OK
67	P5172-10	MYCZ28	SAM	12/13/24 17:08		Jaswal	OK
68	P5172-11	MYCZ29	SAM	12/13/24 17:11		Jaswal	OK
69	P5172-12	MYCZ30	SAM	12/13/24 17:14		Jaswal	OK
70	CCV003	CCV003	CCV	12/13/24 17:17		Jaswal	OK
71	CCB003	CCB003	CCB	12/13/24 17:20		Jaswal	OK
72	P5172-13	MYCZ31	SAM	12/13/24 17:23		Jaswal	OK
73	P5172-14	MYCZ32	SAM	12/13/24 17:26		Jaswal	OK
74	P5172-15	MYCZ33	SAM	12/13/24 17:29		Jaswal	OK
75	P5172-16	MYCZ34	SAM	12/13/24 17:32		Jaswal	OK
76	P5172-17	MYCZ35	SAM	12/13/24 17:35		Jaswal	OK
77	P5172-18	MYCZ36	SAM	12/13/24 17:38		Jaswal	OK
78	P5172-19	MYCZ37	SAM	12/13/24 17:41		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	12/18/2024 10:31:08 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

79	P5173-01	MYCZ39	SAM	12/13/24 17:44		Jaswal	OK
80	P5173-02	MYCZ40	SAM	12/13/24 17:47		Jaswal	OK
81	P5173-03	MYCZ41	SAM	12/13/24 17:50		Jaswal	OK
82	P5173-04	MYCZ42	SAM	12/13/24 17:53		Jaswal	OK
83	P5173-05	MYCZ43	SAM	12/13/24 17:56		Jaswal	OK
84	P5173-06	MYCZ44	SAM	12/13/24 18:00		Jaswal	OK
85	P5173-07	MYCZ45	SAM	12/13/24 18:03		Jaswal	OK
86	P5173-08	MYCZ46	SAM	12/13/24 18:06		Jaswal	OK
87	P5173-09	MYCZ47	SAM	12/13/24 18:09		Jaswal	OK
88	P5173-10	MYCZ48	SAM	12/13/24 18:12		Jaswal	OK
89	P5173-11	MYCZ49	SAM	12/13/24 18:15		Jaswal	OK
90	P5173-12	MYCZ50	SAM	12/13/24 18:18		Jaswal	OK
91	P5173-13	MYCZ51	SAM	12/13/24 18:21		Jaswal	OK
92	P5173-14	MYCZ52	SAM	12/13/24 18:24		Jaswal	OK
93	P5173-15	MYCZ53	SAM	12/13/24 18:27		Jaswal	OK
94	P5173-16	MYCZ54	SAM	12/13/24 18:30		Jaswal	OK
95	P5173-17	MYCZ55	SAM	12/13/24 18:33		Jaswal	OK
96	P5173-18	MYCZ56	SAM	12/13/24 18:36		Jaswal	OK
97	P5173-19	MYCZ57	SAM	12/13/24 18:39		Jaswal	OK
98	CCV004	CCV004	CCV	12/13/24 18:43		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	12/18/2024 10:31:08 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

99	CCB004	CCB004	CCB	12/13/24 18:45		Jaswal	OK
100	P5177-01	MYCZ59	SAM	12/13/24 18:49		Jaswal	OK
101	P5177-02	MYCZ60	SAM	12/13/24 18:52		Jaswal	OK
102	P5177-03	MYCZ61	SAM	12/13/24 18:55		Jaswal	OK
103	P5177-04	MYCZ62	SAM	12/13/24 18:58		Jaswal	OK
104	P5177-05	MYCZ63	SAM	12/13/24 19:01		Jaswal	OK
105	P5177-06	MYCZ64	SAM	12/13/24 19:04		Jaswal	OK
106	P5177-07	MYCZ65	SAM	12/13/24 19:07		Jaswal	OK
107	P5177-08	MYCZ66	SAM	12/13/24 19:10		Jaswal	OK
108	P5177-09	MYCZ67	SAM	12/13/24 19:13		Jaswal	OK
109	P5177-10	MYCZ68	SAM	12/13/24 19:16		Jaswal	OK
110	P5177-11	MYD012	SAM	12/13/24 19:19		Jaswal	OK
111	P5177-12	MYD013	SAM	12/13/24 19:22		Jaswal	OK
112	P5177-13	MYD014	SAM	12/13/24 19:25		Jaswal	OK
113	P5177-14	MYD015	SAM	12/13/24 19:28		Jaswal	OK
114	P5177-15	MYD016	SAM	12/13/24 19:31		Jaswal	OK
115	P5177-16	MYD017	SAM	12/13/24 19:34		Jaswal	OK
116	P5177-17	MYD018	SAM	12/13/24 19:37		Jaswal	OK
117	P5177-18	MYD019	SAM	12/13/24 19:40		Jaswal	OK
118	P5177-19	MYD020	SAM	12/13/24 19:44		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	12/18/2024 10:31:08 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

119	P5178-02	MYCZ70	SAM	12/13/24 19:50		Jaswal	OK
120	P5178-03	MYCZ71	SAM	12/13/24 19:53		Jaswal	OK
121	P5178-04	MYCZ72	SAM	12/13/24 19:56		Jaswal	OK
122	P5178-05	MYCZ73	SAM	12/13/24 19:59		Jaswal	OK
123	P5178-06	MYCZ74	SAM	12/13/24 20:02		Jaswal	OK
124	P5178-07	MYCZ75	SAM	12/13/24 20:05		Jaswal	OK
125	CCV005	CCV005	CCV	12/13/24 20:08		Jaswal	OK
126	CCB005	CCB005	CCB	12/13/24 20:11		Jaswal	OK
127	P5178-01	MYCZ69	SAM	12/13/24 20:14		Jaswal	OK
128	P5178-08	MYCZ76	SAM	12/13/24 20:17		Jaswal	OK
129	P5178-09	MYCZ77	SAM	12/13/24 20:20		Jaswal	OK
130	P5178-10	MYCZ78	SAM	12/13/24 20:23		Jaswal	OK
131	P5178-11	MYCZ79	SAM	12/13/24 20:26		Jaswal	OK
132	P5178-12	MYCZ80	SAM	12/13/24 20:30		Jaswal	OK
133	P5178-13	MYCZ81	SAM	12/13/24 20:33		Jaswal	OK
134	P5178-14	MYCZ82	SAM	12/13/24 20:36		Jaswal	OK
135	P5178-15	MYCZ83	SAM	12/13/24 20:39		Jaswal	OK
136	P5178-16	MYCZ84	SAM	12/13/24 20:42		Jaswal	OK
137	P5178-17	MYCZ85	SAM	12/13/24 20:45		Jaswal	OK
138	P5178-18	MYCZ86	SAM	12/13/24 20:48		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	12/18/2024 10:31:08 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

139	P5178-19	MYCZ87	SAM	12/13/24 20:51		Jaswal	OK
140	P5179-01	MYCZ89	SAM	12/13/24 21:01		Jaswal	OK
141	P5179-02	MYCZ90	SAM	12/13/24 21:04		Jaswal	OK
142	P5179-03	MYCZ91	SAM	12/13/24 21:07		Jaswal	OK
143	P5179-04	MYCZ92	SAM	12/13/24 21:10		Jaswal	OK
144	P5179-05	MYCZ93	SAM	12/13/24 21:13		Jaswal	OK
145	P5179-06	MYCZ94	SAM	12/13/24 21:16		Jaswal	OK
146	P5179-07	MYCZ95	SAM	12/13/24 21:19		Jaswal	OK
147	P5179-08	MYCZ96	SAM	12/13/24 21:22		Jaswal	OK
148	P5179-09	MYCZ97	SAM	12/13/24 21:25		Jaswal	OK
149	P5179-10	MYCZ98	SAM	12/13/24 21:28		Jaswal	OK
150	P5179-11	MYCZ99	SAM	12/13/24 21:31		Jaswal	OK
151	P5179-12	MYCZA0	SAM	12/13/24 21:34		Jaswal	OK
152	P5179-13	MYCZA1	SAM	12/13/24 21:38		Jaswal	OK
153	P5179-14	MYCZA2	SAM	12/13/24 21:41		Jaswal	OK
154	CCV006	CCV006	CCV	12/13/24 21:44		Jaswal	OK
155	CCB006	CCB006	CCB	12/13/24 21:46		Jaswal	OK
156	P5179-15	MYCZA3	SAM	12/13/24 21:50		Jaswal	OK
157	P5179-16	MYCZA4	SAM	12/13/24 21:53		Jaswal	OK
158	P5179-17	MYCZA5	SAM	12/13/24 21:56		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	12/18/2024 10:31:08 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

159	P5179-18	MYCZA6	SAM	12/13/24 21:59		Jaswal	OK
160	P5179-19	MYCZA7	SAM	12/13/24 22:02		Jaswal	OK
161	P5172-20DL	MYCZ38	SAM	12/13/24 22:13	Not Use	Jaswal	Not Ok
162	P5172-21DL	MYCZ38D	DUP	12/13/24 22:16	Not Use	Jaswal	Not Ok
163	P5172-20LDL	MYCZ38L	SD	12/13/24 22:19	Not Use	Jaswal	Not Ok
164	P5172-22DL	MYCZ38S	MS	12/13/24 22:22	Not Use	Jaswal	Not Ok
165	P5172-20MSDL	MYCZ38SRE	MS	12/13/24 22:26	Not Use	Jaswal	Not Ok
166	P5173-20DL	MYCZ58	SAM	12/13/24 22:29	Not Use	Jaswal	Not Ok
167	P5173-21DL	MYCZ58D	DUP	12/13/24 22:32	Not Use	Jaswal	Not Ok
168	P5173-20LDL	MYCZ58L	SD	12/13/24 22:35	Not Use	Jaswal	Not Ok
169	P5173-22DL	MYCZ58S	MS	12/13/24 22:38	Not Use	Jaswal	Not Ok
170	P5173-20MSDL	MYCZ58SRE	MS	12/13/24 22:41	Not Use	Jaswal	Not Ok
171	P5177-20DL	MYD021	SAM	12/13/24 22:44	Not Use	Jaswal	Not Ok
172	P5177-21DL	MYD021D	DUP	12/13/24 22:47	Not Use	Jaswal	Not Ok
173	P5177-20LDL	MYD021L	SD	12/13/24 22:51	Not Use	Jaswal	Not Ok
174	P5177-22DL	MYD021S	MS	12/13/24 22:54	Not Use	Jaswal	Not Ok
175	P5177-20MSDL	MYD021SRE	MS	12/13/24 22:57	Not Use	Jaswal	Not Ok
176	P5178-20DL	MYCZ88	SAM	12/13/24 23:00	Not Use	Jaswal	Not Ok
177	P5178-21DL	MYCZ88D	DUP	12/13/24 23:03	Not Use	Jaswal	Not Ok
178	P5178-20LDL	MYCZ88L	SD	12/13/24 23:06	Not Use	Jaswal	Not Ok

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Review By	Sarabjit Jaswal	Review On	12/18/2024 9:28:14 PM
Supervise By	Mohan Bera	Supervise On	12/18/2024 10:31:08 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

179	P5178-22DL	MYCZ88S	MS	12/13/24 23:10	Not Use	Jaswal	Not Ok
180	P5178-20MSDL	MYCZ88SRE	MS	12/13/24 23:13	Not Use	Jaswal	Not Ok
181	P5179-20DL	MYCZA8	SAM	12/13/24 23:16	Not Use	Jaswal	Not Ok
182	CCV007	CCV007	CCV	12/13/24 23:25		Jaswal	OK
183	CCB007	CCB007	CCB	12/13/24 23:28		Jaswal	OK
184	P5179-21DL	MYCZA8D	DUP	12/13/24 23:31	Not Use	Jaswal	Not Ok
185	P5179-20LDL	MYCZA8L	SD	12/13/24 23:34	Not Use	Jaswal	Not Ok
186	P5179-22DL	MYCZA8S	MS	12/13/24 23:37	Not Use	Jaswal	Not Ok
187	P5179-20MSDL	MYCZA8SRE	MS	12/13/24 23:40	Not Use	Jaswal	Not Ok
188	CCV008	CCV008	CCV	12/14/24 00:03		Jaswal	OK
189	CCB008	CCB008	CCB	12/14/24 00:06		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB134025

Review By	Sarabjit Jaswal	Review On	12/20/2024 11:39:39 PM
Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	MP83713,MP83712,M6021
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE003	TUNE	12/19/24 14:30		Jaswal	OK
2	S00	S0	CAL1	12/19/24 15:04		Jaswal	OK
3	S02	S02	CAL3	12/19/24 15:10		Jaswal	OK
4	S03	S03	CAL4	12/19/24 15:14		Jaswal	OK
5	S04	S04	CAL5	12/19/24 15:17		Jaswal	OK
6	S05	S05	CAL6	12/19/24 15:19		Jaswal	OK
7	S06	S06	CAL7	12/19/24 15:22		Jaswal	OK
8	S07	S07	CAL8	12/19/24 15:25		Jaswal	OK
9	S08	S08	CAL9	12/19/24 15:28		Jaswal	OK
10	ICV003	ICV003	ICV	12/19/24 15:49	Inst. paused for calibration review	Jaswal	OK
11	ICB003	ICB003	ICB	12/19/24 16:07	Inst. paused for review	Jaswal	OK
12	ICSA003	ICSA003	ICSA	12/19/24 16:10		Jaswal	OK
13	ICSAB003	ICSAB003	ICSAB	12/19/24 16:13		Jaswal	OK
14	CCV021	CCV021	CCV	12/19/24 16:16		Jaswal	OK
15	CCB021	CCB021	CCB	12/19/24 16:19		Jaswal	OK
16	PB165717BL	PBS717	MB	12/19/24 16:26	Not Use	Jaswal	Not Ok
17	PB165717BS	LCS717	LCS	12/19/24 16:35	Not Use	Jaswal	Not Ok
18	P5117-01DL	TAPIAL3-SB04I-10-12	SAM	12/19/24 16:39	Not Use	Jaswal	Not Ok

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Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	MP83713,MP83712,M6021
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

19	P5117-01DUPDL	TAPIAL3-SB04I-10-12	DUP	12/19/24 16:43	Not Use	Jaswal	Not Ok
20	P5117-01LDL	TAPIAL3-SB04I-10-12	SD	12/19/24 16:46	Not Use	Jaswal	Not Ok
21	P5117-01MSDL	TAPIAL3-SB04I-10-12	MS	12/19/24 16:49	Not Use	Jaswal	Not Ok
22	P5117-01MSDDL	TAPIAL3-SB04I-10-12	MSD	12/19/24 16:52	Not Use	Jaswal	Not Ok
23	P5117-01ADL	TAPIAL3-SB04I-10-12	PS	12/19/24 16:55	Not Use	Jaswal	Not Ok
24	CCV022	CCV022	CCV	12/19/24 17:01		Jaswal	OK
25	CCB022	CCB022	CCB	12/19/24 17:03		Jaswal	OK
26	P5213-01DL	TAPIAL3-SB03I-15-12	SAM	12/19/24 17:07	Not Use	Jaswal	Not Ok
27	P5236-01DL	TAPIAL3-SB03D-3-12	SAM	12/19/24 17:11	Not Use	Jaswal	Not Ok
28	P5076-01DL	TAPIAL2-SB02I-7.5-1	SAM	12/19/24 17:14	Not Use	Jaswal	Not Ok
29	CCV023	CCV023	CCV	12/19/24 17:20		Jaswal	OK
30	CCB023	CCB023	CCB	12/19/24 17:23		Jaswal	OK
31	PB165617BL	PBS617	MB	12/19/24 17:40		Jaswal	OK
32	PB165617BS	LCS617	LCS	12/19/24 18:02		Jaswal	OK
33	PB165617BSD	LCSD617	LCSD	12/19/24 18:06		Jaswal	OK
34	PB165633BL	PBS633	MB	12/19/24 18:09		Jaswal	OK
35	PB165633BS	LCS633	LCS	12/19/24 18:12		Jaswal	OK
36	PB165633BSD	LCSD633	LCSD	12/19/24 18:16		Jaswal	OK
37	PB165655BL	PBS655	MB	12/19/24 18:19		Jaswal	OK
38	PB165655BS	LCS655	LCS	12/19/24 18:22		Jaswal	OK

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Review By	Sarabjit Jaswal	Review On	12/20/2024 11:39:39 PM
Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	MP83713,MP83712,M6021
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

39	PB165655BSD	LCSD655	LCSD	12/19/24 18:25		Jaswal	OK
40	P5177-20	MYD021	SAM	12/19/24 18:29	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
41	P5177-21	MYD021D	DUP	12/19/24 18:32	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
42	P5177-20L	MYD021L	SD	12/19/24 18:35	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
43	P5177-22	MYD021S	MS	12/19/24 18:38	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
44	P5177-20MS	MYD021SRE	MS	12/19/24 18:41	Ba,Co,Ni,V High	Jaswal	Dilution
45	P5177-20DL	MYD021	SAM	12/19/24 18:53	4X for Ba,Co,Ni,V	Jaswal	Confirms
46	P5177-21DL	MYD021D	DUP	12/19/24 18:56	4X for Ba,Co,Ni,V	Jaswal	Confirms
47	CCV024	CCV024	CCV	12/19/24 18:59		Jaswal	OK
48	CCB024	CCB024	CCB	12/19/24 19:02		Jaswal	OK
49	P5177-20LDL	MYD021L	SD	12/19/24 19:05	20X for Ba,Co,Ni,V	Jaswal	Confirms
50	P5177-22DL	MYD021S	MS	12/19/24 19:08	4X for Ba,Co,Ni,V	Jaswal	Confirms
51	P5177-20MSDL	MYD021SRE	MS	12/19/24 19:11	4X for Ba,Co,Ni,V	Jaswal	Confirms
52	P5182-01	MYCYZ9	SAM	12/19/24 19:14		Jaswal	OK
53	P5182-02	MYCZ00	SAM	12/19/24 19:18		Jaswal	OK
54	P5182-03	MYCZ01	SAM	12/19/24 19:21		Jaswal	OK
55	P5182-04	MYCZ02	SAM	12/19/24 19:24		Jaswal	OK
56	P5182-05	MYCZ03	SAM	12/19/24 19:27		Jaswal	OK
57	P5182-06	MYCZ04	SAM	12/19/24 19:30		Jaswal	OK
58	P5182-07	MYCZ05	SAM	12/19/24 19:33		Jaswal	OK

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Review By	Sarabjit Jaswal	Review On	12/20/2024 11:39:39 PM
Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	MP83713,MP83712,M6021
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

59	P5182-08	MYCZ06	SAM	12/19/24 19:36		Jaswal	OK
60	P5182-09	MYCZ07	SAM	12/19/24 19:39		Jaswal	OK
61	P5182-10	MYCZ08	SAM	12/19/24 19:42		Jaswal	OK
62	P5182-11	MYCZ09	SAM	12/19/24 19:46		Jaswal	OK
63	P5182-12	MYCZ10	SAM	12/19/24 19:49		Jaswal	OK
64	P5182-13	MYCZ11	SAM	12/19/24 19:52		Jaswal	OK
65	P5182-14	MYCZ12	SAM	12/19/24 19:55		Jaswal	OK
66	P5182-15	MYCZ13	SAM	12/19/24 19:58		Jaswal	OK
67	P5182-16	MYCZ14	SAM	12/19/24 20:01		Jaswal	OK
68	P5182-17	MYCZ15	SAM	12/19/24 20:04		Jaswal	OK
69	P5182-18	MYCZ16	SAM	12/19/24 20:07		Jaswal	OK
70	P5182-19	MYCZ17	SAM	12/19/24 20:10		Jaswal	OK
71	P5182-20	MYCZ18	SAM	12/19/24 20:14	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
72	P5182-21	MYCZ18D	DUP	12/19/24 20:17	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
73	P5182-20L	MYCZ18L	SD	12/19/24 20:20	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
74	P5182-22	MYCZ18S	MS	12/19/24 20:23	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
75	P5182-20MS	MYCZ18SRE	MS	12/19/24 20:26	Ba,Co,Ni,V High , MS Fail For Ag(Below RL)	Jaswal	Dilution
76	P5183-01	MYCZB9	SAM	12/19/24 20:29		Jaswal	OK
77	P5183-02	MYCZC0	SAM	12/19/24 20:32		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	MP83713,MP83712,M6021
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

78	P5183-03	MYCZC1	SAM	12/19/24 20:35		Jaswal	OK
79	P5183-04	MYCZC2	SAM	12/19/24 20:38		Jaswal	OK
80	P5183-05	MYCZC3	SAM	12/19/24 20:41		Jaswal	OK
81	CCV025	CCV025	CCV	12/19/24 20:44		Jaswal	OK
82	CCB025	CCB025	CCB	12/19/24 20:52	Inst. paused for review	Jaswal	OK
83	P5183-06	MYCZC4	SAM	12/19/24 20:56		Jaswal	OK
84	P5183-07	MYCZC5	SAM	12/19/24 20:59		Jaswal	OK
85	P5183-08	MYCZC6	SAM	12/19/24 21:02		Jaswal	OK
86	P5183-09	MYCZC7	SAM	12/19/24 21:05		Jaswal	OK
87	P5183-10	MYCZC8	SAM	12/19/24 21:08		Jaswal	OK
88	P5183-11	MYCZC9	SAM	12/19/24 21:11		Jaswal	OK
89	P5183-12	MYCZD0	SAM	12/19/24 21:14		Jaswal	OK
90	P5183-13	MYCZD1	SAM	12/19/24 21:17		Jaswal	OK
91	P5183-14	MYCZD2	SAM	12/19/24 21:20		Jaswal	OK
92	P5183-15	MYCZD3	SAM	12/19/24 21:23		Jaswal	OK
93	P5183-16	MYCZD4	SAM	12/19/24 21:26		Jaswal	OK
94	P5183-17	MYCZD5	SAM	12/19/24 21:29		Jaswal	OK
95	P5183-18	MYCZD6	SAM	12/19/24 21:32		Jaswal	OK
96	P5183-19	MYCZD7	SAM	12/19/24 21:35		Jaswal	OK
97	P5183-20	MYCZD8	SAM	12/19/24 21:39	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	MP83713,MP83712,M6021
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

98	P5183-21	MYCZD8D	DUP	12/19/24 21:42	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
99	P5183-20L	MYCZD8L	SD	12/19/24 21:45	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
100	P5183-22RE	MYCZD8S	MS	12/19/24 21:48	Not Use	Jaswal	Not Ok
101	P5183-20MSRE	MYCZD8SRE	MS	12/19/24 21:51	Not Use	Jaswal	Not Ok
102	P5185-01	MYCZF9	SAM	12/19/24 21:54		Jaswal	OK
103	P5185-02	MYCZG0	SAM	12/19/24 21:57		Jaswal	OK
104	P5185-20	MYCZN8	SAM	12/19/24 22:00	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
105	P5185-21	MYCZN8D	DUP	12/19/24 22:03	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
106	P5185-20L	MYCZN8L	SD	12/19/24 22:06	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
107	P5185-22	MYCZN8S	MS	12/19/24 22:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
108	P5185-20MS	MYCZN8SRE	MS	12/19/24 22:12	Ba,Co,Ni,V High	Jaswal	Dilution
109	CCV026	CCV026	CCV	12/19/24 22:21		Jaswal	OK
110	CCB026	CCB026	CCB	12/19/24 22:24		Jaswal	OK
111	P5185-08	MYCZG6	SAM	12/19/24 22:27		Jaswal	OK
112	P5185-09	MYCZG7	SAM	12/19/24 22:30		Jaswal	OK
113	P5185-10	MYCZG8	SAM	12/19/24 22:34		Jaswal	OK
114	P5185-11	MYCZM9	SAM	12/19/24 22:37		Jaswal	OK
115	P5185-12	MYCZN0	SAM	12/19/24 22:40		Jaswal	OK
116	P5185-13	MYCZN1	SAM	12/19/24 22:43		Jaswal	OK
117	P5185-14	MYCZN2	SAM	12/19/24 22:46		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	MP83713,MP83712,M6021
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

118	P5185-15	MYCZN3	SAM	12/19/24 22:49		Jaswal	OK
119	P5185-16	MYCZN4	SAM	12/19/24 22:52		Jaswal	OK
120	P5185-17	MYCZN5	SAM	12/19/24 22:56		Jaswal	OK
121	P5185-18	MYCZN6	SAM	12/19/24 22:59		Jaswal	OK
122	P5185-19	MYCZN7	SAM	12/19/24 23:02		Jaswal	OK
123	P5185-03	MYCZG1	SAM	12/19/24 23:05		Jaswal	OK
124	P5185-04	MYCZG2	SAM	12/19/24 23:08		Jaswal	OK
125	P5185-05	MYCZG3	SAM	12/19/24 23:11		Jaswal	OK
126	P5185-06	MYCZG4	SAM	12/19/24 23:14		Jaswal	OK
127	P5185-07	MYCZG5	SAM	12/19/24 23:17		Jaswal	OK
128	P5182-20DL	MYCZ18	SAM	12/19/24 23:20	4X For Ba,Co,Ni,V	Jaswal	Confirms
129	P5182-21DL	MYCZ18D	DUP	12/19/24 23:24	4X For Ba,Co,Ni,V	Jaswal	Confirms
130	P5182-20LDL	MYCZ18L	SD	12/19/24 23:27	20X For Ba,Co,Ni,V	Jaswal	Confirms
131	P5182-22DL	MYCZ18S	MS	12/19/24 23:30	4X For Ba,Co,Ni,V	Jaswal	Confirms
132	P5182-20MSDL	MYCZ18SRE	MS	12/19/24 23:33	4X For Ba,Co,Ni,V	Jaswal	Confirms
133	P5183-20DL	MYCZD8	SAM	12/19/24 23:36	4X For Ba,Co,Ni,V	Jaswal	Confirms
134	P5183-21DL	MYCZD8D	DUP	12/19/24 23:39	4X For Ba,Co,Ni,V	Jaswal	Confirms
135	P5183-20LDL	MYCZD8L	SD	12/19/24 23:42	20X For Ba,Co,Ni,V	Jaswal	Confirms
136	P5183-22RE2	MYCZD8S	MS	12/19/24 23:46	Not Use	Jaswal	Not Ok
137	CCV027	CCV027	CCV	12/19/24 23:49		Jaswal	OK

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STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	MP83713,MP83712,M6021
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

138	CCB027	CCB027	CCB	12/19/24 23:51		Jaswal	OK
139	P5183-20MSRE2	MYCZD8SRE	MS	12/19/24 23:55	Not Uuse	Jaswal	Not Ok
140	P5185-20DL	MYCZN8	SAM	12/19/24 23:57	4X For Ba,Co,Ni,V	Jaswal	Confirms
141	P5185-21DL	MYCZN8D	DUP	12/20/24 00:01	4X For Ba,Co,Ni,V	Jaswal	Confirms
142	P5185-20LDL	MYCZN8L	SD	12/20/24 00:04	20X For Ba,Co,Ni,V	Jaswal	Confirms
143	P5185-22DL	MYCZN8S	MS	12/20/24 00:07	4X For Ba,Co,Ni,V	Jaswal	Confirms
144	P5185-20MSDL	MYCZN8SRE	MS	12/20/24 00:10	4X For Ba,Co,Ni,V	Jaswal	Confirms
145	P5154-16A	ME28Q4A	PS	12/20/24 00:13	Not Use - PS For Cu-0.0032ml m5697-10ml sample	Jaswal	Not Ok
146	P5172-20A	MYCZ38ARE	PS	12/20/24 00:16	PS For Pb-0.0046ml M6025,Ag- 0.02ml MP83713,Co-0.0096ml MP83711,Ni - 0.015ml MP83712, V-0.0024ml M6021 - 10ml Sample	Jaswal	OK
147	P5173-20A	MYCZ58ARE	PS	12/20/24 00:19	PS For Ag - 0.02ml mp83713-10ml sample	Jaswal	OK
148	P5184-20A	MYCZF8ARE	PS	12/20/24 00:22	Not Use-P5184 - PS For Sb-0.04ml mp83714,Be - be - 0.02-MP83715, Se - 0.001ml mp83726, Tl - 0.02ml mp83716 , Ag - 0.022ml mp83713	Jaswal	Not Ok
149	P5186-20A	MYCZQ8ARE	PS	12/20/24 00:25	PS For Ag-0.02ml mp83713, Ni-0.019ml mp83712,V - 0.0050ml m6021 -10ml sample	Jaswal	OK
150	PB165674BL	PBW674	MB	12/20/24 00:29		Jaswal	OK

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STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	MP83713,MP83712,M6021
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

151	PB165674BS	LCS674	LCS	12/20/24 00:32		Jaswal	OK
152	P5187-01	MYCPM3	SAM	12/20/24 00:35		Jaswal	OK
153	P5187-02	MYCPM7	SAM	12/20/24 00:38		Jaswal	OK
154	P5187-03	MYCPN6	SAM	12/20/24 00:42		Jaswal	OK
155	P5187-04	MYD034	SAM	12/20/24 00:45		Jaswal	OK
156	P5187-05	MYD037	SAM	12/20/24 00:48		Jaswal	OK
157	CCV028	CCV028	CCV	12/20/24 00:52		Jaswal	OK
158	CCB028	CCB028	CCB	12/20/24 00:54		Jaswal	OK
159	P5183-22	MYCZD8S	MS	12/20/24 01:03	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
160	P5183-20MS	MYCZD8SRE	MS	12/20/24 01:06	Ba,Co,Ni,V High , MS Fail For Ag(1.02PPB)	Jaswal	Dilution
161	P5183-22DL	MYCZD8S	MS	12/20/24 01:09	4X For Ba,Co,Ni,V	Jaswal	Confirms
162	P5183-20MSDL	MYCZD8SRE	MS	12/20/24 01:12	4X For Ba,Co,Ni,V	Jaswal	Confirms
163	CCV029	CCV029	CCV	12/20/24 01:15		Jaswal	OK
164	CCB029	CCB029	CCB	12/20/24 01:18		Jaswal	OK