EPA SAMPLE NO.

MYDAN1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-01

% Solids: 97.8 Date Received: 10/04/2024

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	0.74	J	10/27/2024	1836
7440-38-2	Arsenic	36		10/27/2024	1836
7440-39-3	Barium	150	D	10/27/2024	2008
7440-41-7	Beryllium	0.74		10/27/2024	1836
7440-43-9	Cadmium	0.59		10/27/2024	1836
7440-47-3	Chromium	22		10/27/2024	1836
7440-48-4	Cobalt	15	D	10/27/2024	2008
7440-50-8	Copper	43		10/27/2024	1836
7439-92-1	Lead	21	*	10/27/2024	1836
7440-02-0	Nickel	20	D	10/27/2024	2008
7782-49-2	Selenium	0.63	J	10/27/2024	1836
7440-22-4	Silver	0.15	J*	10/27/2024	1836
7440-28-0	Thallium	0.18	J	10/27/2024	1836
7440-62-2	Vanadium	58	D	10/27/2024	2008
7440-66-6	Zinc	130	*	10/27/2024	1836

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

Comments:

EPA SAMPLE NO.

MYDAP0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-04

% Solids: 99.1 Date Received: 10/04/2024

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	0.82	J	10/27/2024	1852
7440-38-2	Arsenic	44		10/27/2024	1852
7440-39-3	Barium	140		10/27/2024	1852
7440-41-7	Beryllium	0.60		10/27/2024	1852
7440-43-9	Cadmium	0.54		10/27/2024	1852
7440-47-3	Chromium	18		10/27/2024	1852
7440-48-4	Cobalt	15		10/27/2024	1852
7440-50-8	Copper	51		10/27/2024	1852
7439-92-1	Lead	22	*	10/27/2024	1852
7440-02-0	Nickel	17		10/27/2024	1852
7782-49-2	Selenium	0.72	J	10/27/2024	1852
7440-22-4	Silver	0.23	J*	10/27/2024	1852
7440-28-0	Thallium	0.16	J	10/27/2024	1852
7440-62-2	Vanadium	63		10/27/2024	1852
7440-66-6	Zinc	150	*	10/27/2024	1852

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

Comments:

EPA SAMPLE NO.

MYDAP1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-05

% Solids: 98.3 Date Received: 10/04/2024

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	0.49	J	10/27/2024	1855
7440-38-2	Arsenic	27		10/27/2024	1855
7440-39-3	Barium	150		10/27/2024	1855
7440-41-7	Beryllium	0.83		10/27/2024	1855
7440-43-9	Cadmium	0.29	J	10/27/2024	1855
7440-47-3	Chromium	20		10/27/2024	1855
7440-48-4	Cobalt	16		10/27/2024	1855
7440-50-8	Copper	34		10/27/2024	1855
7439-92-1	Lead	15	*	10/27/2024	1855
7440-02-0	Nickel	17		10/27/2024	1855
7782-49-2	Selenium	0.56	J	10/27/2024	1855
7440-22-4	Silver	0.12	J*	10/27/2024	1855
7440-28-0	Thallium	0.14	J	10/27/2024	1855
7440-62-2	Vanadium	81		10/27/2024	1855
7440-66-6	Zinc	88	*	10/27/2024	1855

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

Comments:

EPA SAMPLE NO.

MYDAP6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-06

% Solids: 99.5 Date Received: 10/04/2024

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	0.28	J	10/27/2024	1858
7440-38-2	Arsenic	12		10/27/2024	1858
7440-39-3	Barium	64		10/27/2024	1858
7440-41-7	Beryllium	0.34		10/27/2024	1858
7440-43-9	Cadmium	0.14	J	10/27/2024	1858
7440-47-3	Chromium	26		10/27/2024	1858
7440-48-4	Cobalt	14		10/27/2024	1858
7440-50-8	Copper	33		10/27/2024	1858
7439-92-1	Lead	7.5	*	10/27/2024	1858
7440-02-0	Nickel	20		10/27/2024	1858
7782-49-2	Selenium	1.7	U	10/27/2024	1858
7440-22-4	Silver	0.044	J*	10/27/2024	1858
7440-28-0	Thallium	0.065	J	10/27/2024	1858
7440-62-2	Vanadium	110		10/27/2024	1858
7440-66-6	Zinc	42	*	10/27/2024	1858

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

Comments:

EPA SAMPLE NO.

MYDAP7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-07

% Solids: 99.2 Date Received: 10/04/2024

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	0.34	J	10/27/2024	1901
7440-38-2	Arsenic	12		10/27/2024	1901
7440-39-3	Barium	68		10/27/2024	1901
7440-41-7	Beryllium	0.34	J	10/27/2024	1901
7440-43-9	Cadmium	0.19	J	10/27/2024	1901
7440-47-3	Chromium	30		10/27/2024	1901
7440-48-4	Cobalt	16		10/27/2024	1901
7440-50-8	Copper	37		10/27/2024	1901
7439-92-1	Lead	13	*	10/27/2024	1901
7440-02-0	Nickel	18		10/27/2024	1901
7782-49-2	Selenium	1.9	U	10/27/2024	1901
7440-22-4	Silver	0.38	U*	10/27/2024	1901
7440-28-0	Thallium	0.064	J	10/27/2024	1901
7440-62-2	Vanadium	140		10/27/2024	1901
7440-66-6	Zinc	45	*	10/27/2024	1901

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

Comments:

EPA SAMPLE NO.

MYDAP8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-08

% Solids: 99.1 Date Received: 10/04/2024

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	0.61	J	10/27/2024	1905
7440-38-2	Arsenic	25		10/27/2024	1905
7440-39-3	Barium	130		10/27/2024	1905
7440-41-7	Beryllium	0.66		10/27/2024	1905
7440-43-9	Cadmium	0.28	J	10/27/2024	1905
7440-47-3	Chromium	18		10/27/2024	1905
7440-48-4	Cobalt	15		10/27/2024	1905
7440-50-8	Copper	33		10/27/2024	1905
7439-92-1	Lead	17	*	10/27/2024	1905
7440-02-0	Nickel	15		10/27/2024	1905
7782-49-2	Selenium	0.39	J	10/27/2024	1905
7440-22-4	Silver	0.090	J*	10/27/2024	1905
7440-28-0	Thallium	0.12	J	10/27/2024	1905
7440-62-2	Vanadium	63		10/27/2024	1905
7440-66-6	Zinc	88	*	10/27/2024	1905

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

Comments:

EPA SAMPLE NO.

MYDAP9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-09

% Solids: 99.3 Date Received: 10/04/2024

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	0.62	J	10/27/2024	1908
7440-38-2	Arsenic	29		10/27/2024	1908
7440-39-3	Barium	110		10/27/2024	1908
7440-41-7	Beryllium	0.57		10/27/2024	1908
7440-43-9	Cadmium	0.20	J	10/27/2024	1908
7440-47-3	Chromium	18		10/27/2024	1908
7440-48-4	Cobalt	18		10/27/2024	1908
7440-50-8	Copper	30		10/27/2024	1908
7439-92-1	Lead	14	*	10/27/2024	1908
7440-02-0	Nickel	16		10/27/2024	1908
7782-49-2	Selenium	1.8	U	10/27/2024	1908
7440-22-4	Silver	0.048	J*	10/27/2024	1908
7440-28-0	Thallium	0.077	J	10/27/2024	1908
7440-62-2	Vanadium	77		10/27/2024	1908
7440-66-6	Zinc	73	*	10/27/2024	1908

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

Comments:

EPA SAMPLE NO.

MYDAQ0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-10

% Solids: 99.3 Date Received: 10/04/2024

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	0.39	J	10/27/2024	1911
7440-38-2	Arsenic	13		10/27/2024	1911
7440-39-3	Barium	59		10/27/2024	1911
7440-41-7	Beryllium	0.32	J	10/27/2024	1911
7440-43-9	Cadmium	0.16	J	10/27/2024	1911
7440-47-3	Chromium	29		10/27/2024	1911
7440-48-4	Cobalt	15		10/27/2024	1911
7440-50-8	Copper	32		10/27/2024	1911
7439-92-1	Lead	9.4	*	10/27/2024	1911
7440-02-0	Nickel	17		10/27/2024	1911
7782-49-2	Selenium	2.1	U	10/27/2024	1911
7440-22-4	Silver	0.42	U*	10/27/2024	1911
7440-28-0	Thallium	0.046	J	10/27/2024	1911
7440-62-2	Vanadium	150		10/27/2024	1911
7440-66-6	Zinc	48	*	10/27/2024	1911

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

Comments:

EPA SAMPLE NO.

MYDAQ1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-11

% Solids: 98.6 Date Received: 10/04/2024

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	10/27/2024	1914
7440-38-2	Arsenic	16		10/27/2024	1914
7440-39-3	Barium	160		10/27/2024	1914
7440-41-7	Beryllium	0.81		10/27/2024	1914
7440-43-9	Cadmium	0.25	J	10/27/2024	1914
7440-47-3	Chromium	20		10/27/2024	1914
7440-48-4	Cobalt	13		10/27/2024	1914
7440-50-8	Copper	33		10/27/2024	1914
7439-92-1	Lead	13	*	10/27/2024	1914
7440-02-0	Nickel	18		10/27/2024	1914
7782-49-2	Selenium	0.34	J	10/27/2024	1914
7440-22-4	Silver	0.077	J*	10/27/2024	1914
7440-28-0	Thallium	0.14	J	10/27/2024	1914
7440-62-2	Vanadium	45		10/27/2024	1914
7440-66-6	Zinc	81	*	10/27/2024	1914

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

Comments:

EPA SAMPLE NO.

MYDAQ2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-12

% Solids: 97.6 Date Received: 10/04/2024

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	0.67	J	10/27/2024	1917
7440-38-2	Arsenic	35		10/27/2024	1917
7440-39-3	Barium	150		10/27/2024	1917
7440-41-7	Beryllium	0.79		10/27/2024	1917
7440-43-9	Cadmium	0.31	J	10/27/2024	1917
7440-47-3	Chromium	22		10/27/2024	1917
7440-48-4	Cobalt	15		10/27/2024	1917
7440-50-8	Copper	33		10/27/2024	1917
7439-92-1	Lead	23	*	10/27/2024	1917
7440-02-0	Nickel	16		10/27/2024	1917
7782-49-2	Selenium	0.48	J	10/27/2024	1917
7440-22-4	Silver	0.098	J*	10/27/2024	1917
7440-28-0	Thallium	0.11	J	10/27/2024	1917
7440-62-2	Vanadium	83		10/27/2024	1917
7440-66-6	Zinc	100	*	10/27/2024	1917

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

Comments:

EPA SAMPLE NO.

MYDAQ3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-13

% Solids: 98.7 Date Received: 10/04/2024

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		10/27/2024	1921
7440-38-2	Arsenic	45		10/27/2024	1921
7440-39-3	Barium	100		10/27/2024	1921
7440-41-7	Beryllium	0.64		10/27/2024	1921
7440-43-9	Cadmium	0.48		10/27/2024	1921
7440-47-3	Chromium	18		10/27/2024	1921
7440-48-4	Cobalt	14		10/27/2024	1921
7440-50-8	Copper	36		10/27/2024	1921
7439-92-1	Lead	30	*	10/27/2024	1921
7440-02-0	Nickel	14		10/27/2024	1921
7782-49-2	Selenium	0.63	J	10/27/2024	1921
7440-22-4	Silver	0.15	J*	10/27/2024	1921
7440-28-0	Thallium	0.12	J	10/27/2024	1921
7440-62-2	Vanadium	72		10/27/2024	1921
7440-66-6	Zinc	140	*	10/27/2024	1921

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

Comments:

EPA SAMPLE NO.

MYDAQ4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-14

% Solids: 98.3 Date Received: 10/04/2024

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	0.77	J	10/27/2024	1924
7440-38-2	Arsenic	37		10/27/2024	1924
7440-39-3	Barium	110		10/27/2024	1924
7440-41-7	Beryllium	0.66		10/27/2024	1924
7440-43-9	Cadmium	0.37	J	10/27/2024	1924
7440-47-3	Chromium	19		10/27/2024	1924
7440-48-4	Cobalt	17		10/27/2024	1924
7440-50-8	Copper	37		10/27/2024	1924
7439-92-1	Lead	22	*	10/27/2024	1924
7440-02-0	Nickel	16		10/27/2024	1924
7782-49-2	Selenium	0.35	J	10/27/2024	1924
7440-22-4	Silver	0.12	J*	10/27/2024	1924
7440-28-0	Thallium	0.095	J	10/27/2024	1924
7440-62-2	Vanadium	67		10/27/2024	1924
7440-66-6	Zinc	110	*	10/27/2024	1924

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

Comments:

EPA SAMPLE NO.

MYDAQ5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-15

% Solids: 98.2 Date Received: 10/04/2024

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	0.59	J	10/27/2024	1927
7440-38-2	Arsenic	22		10/27/2024	1927
7440-39-3	Barium	160		10/27/2024	1927
7440-41-7	Beryllium	0.85		10/27/2024	1927
7440-43-9	Cadmium	0.20	J	10/27/2024	1927
7440-47-3	Chromium	21		10/27/2024	1927
7440-48-4	Cobalt	16		10/27/2024	1927
7440-50-8	Copper	33		10/27/2024	1927
7439-92-1	Lead	13	*	10/27/2024	1927
7440-02-0	Nickel	18		10/27/2024	1927
7782-49-2	Selenium	0.56	J	10/27/2024	1927
7440-22-4	Silver	0.075	J*	10/27/2024	1927
7440-28-0	Thallium	0.14	J	10/27/2024	1927
7440-62-2	Vanadium	70		10/27/2024	1927
7440-66-6	Zinc	73	*	10/27/2024	1927

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

Comments:

EPA SAMPLE NO.

MYDAQ7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-16

% Solids: 98.7 Date Received: 10/04/2024

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	0.81	J	10/27/2024	1930
7440-38-2	Arsenic	35		10/27/2024	1930
7440-39-3	Barium	130		10/27/2024	1930
7440-41-7	Beryllium	0.71		10/27/2024	1930
7440-43-9	Cadmium	0.32	J	10/27/2024	1930
7440-47-3	Chromium	22		10/27/2024	1930
7440-48-4	Cobalt	17		10/27/2024	1930
7440-50-8	Copper	34		10/27/2024	1930
7439-92-1	Lead	20	*	10/27/2024	1930
7440-02-0	Nickel	16		10/27/2024	1930
7782-49-2	Selenium	0.46	J	10/27/2024	1930
7440-22-4	Silver	0.081	J*	10/27/2024	1930
7440-28-0	Thallium	0.10	J	10/27/2024	1930
7440-62-2	Vanadium	80		10/27/2024	1930
7440-66-6	Zinc	99	*	10/27/2024	1930

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

Comments:

EPA SAMPLE NO.

MYDAQ8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-17

% Solids: 98.5 Date Received: 10/04/2024

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	1.0		10/27/2024	1933
7440-38-2	Arsenic	47		10/27/2024	1933
7440-39-3	Barium	140		10/27/2024	1933
7440-41-7	Beryllium	0.61		10/27/2024	1933
7440-43-9	Cadmium	0.48	J	10/27/2024	1933
7440-47-3	Chromium	18		10/27/2024	1933
7440-48-4	Cobalt	14		10/27/2024	1933
7440-50-8	Copper	38		10/27/2024	1933
7439-92-1	Lead	31	*	10/27/2024	1933
7440-02-0	Nickel	15		10/27/2024	1933
7782-49-2	Selenium	0.51	J	10/27/2024	1933
7440-22-4	Silver	0.18	J*	10/27/2024	1933
7440-28-0	Thallium	0.11	J	10/27/2024	1933
7440-62-2	Vanadium	57		10/27/2024	1933
7440-66-6	Zinc	150	*	10/27/2024	1933

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

Comments:

EPA SAMPLE NO.

MYDAQ9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-18

% Solids: 98.8 Date Received: 10/04/2024

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	0.67	J	10/27/2024	1952
7440-38-2	Arsenic	28		10/27/2024	1952
7440-39-3	Barium	160		10/27/2024	1952
7440-41-7	Beryllium	0.60		10/27/2024	1952
7440-43-9	Cadmium	0.31	J	10/27/2024	1952
7440-47-3	Chromium	19		10/27/2024	1952
7440-48-4	Cobalt	14		10/27/2024	1952
7440-50-8	Copper	33		10/27/2024	1952
7439-92-1	Lead	16	*	10/27/2024	1952
7440-02-0	Nickel	14		10/27/2024	1952
7782-49-2	Selenium	0.41	J	10/27/2024	1952
7440-22-4	Silver	0.094	J*	10/27/2024	1952
7440-28-0	Thallium	0.13	J	10/27/2024	1952
7440-62-2	Vanadium	76		10/27/2024	1952
7440-66-6	Zinc	83	*	10/27/2024	1952

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

Comments:

EPA SAMPLE NO.

MYDAR0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-19

% Solids: 97.6 Date Received: 10/04/2024

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	0.86		10/27/2024	1955
7440-38-2	Arsenic	50		10/27/2024	1955
7440-39-3	Barium	130		10/27/2024	1955
7440-41-7	Beryllium	0.60		10/27/2024	1955
7440-43-9	Cadmium	0.60		10/27/2024	1955
7440-47-3	Chromium	16		10/27/2024	1955
7440-48-4	Cobalt	13		10/27/2024	1955
7440-50-8	Copper	44		10/27/2024	1955
7439-92-1	Lead	37	*	10/27/2024	1955
7440-02-0	Nickel	14		10/27/2024	1955
7782-49-2	Selenium	0.59	J	10/27/2024	1955
7440-22-4	Silver	0.23	J*	10/27/2024	1955
7440-28-0	Thallium	0.13	J	10/27/2024	1955
7440-62-2	Vanadium	52		10/27/2024	1955
7440-66-6	Zinc	150	*	10/27/2024	1955

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

Comments:

EPA SAMPLE NO.

MYDAR1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-20

% Solids: 99 Date Received: 10/04/2024

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	0.83	J	10/27/2024	1959
7440-38-2	Arsenic	45		10/27/2024	1959
7440-39-3	Barium	110		10/27/2024	1959
7440-41-7	Beryllium	0.63		10/27/2024	1959
7440-43-9	Cadmium	0.47		10/27/2024	1959
7440-47-3	Chromium	19		10/27/2024	1959
7440-48-4	Cobalt	14		10/27/2024	1959
7440-50-8	Copper	33		10/27/2024	1959
7439-92-1	Lead	30	*	10/27/2024	1959
7440-02-0	Nickel	14		10/27/2024	1959
7782-49-2	Selenium	0.51	J	10/27/2024	1959
7440-22-4	Silver	0.13	J*	10/27/2024	1959
7440-28-0	Thallium	0.11	J	10/27/2024	1959
7440-62-2	Vanadium	79		10/27/2024	1959
7440-66-6	Zinc	130	*	10/27/2024	1959

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

Comments:

EPA SAMPLE NO.

MYDAR2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-21

% Solids: 98 Date Received: 10/04/2024

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	0.63	J	10/27/2024	2002
7440-38-2	Arsenic	55		10/27/2024	2002
7440-39-3	Barium	160		10/27/2024	2002
7440-41-7	Beryllium	0.78		10/27/2024	2002
7440-43-9	Cadmium	0.43		10/27/2024	2002
7440-47-3	Chromium	21		10/27/2024	2002
7440-48-4	Cobalt	15		10/27/2024	2002
7440-50-8	Copper	32		10/27/2024	2002
7439-92-1	Lead	32	*	10/27/2024	2002
7440-02-0	Nickel	16		10/27/2024	2002
7782-49-2	Selenium	0.61	J	10/27/2024	2002
7440-22-4	Silver	0.17	J*	10/27/2024	2002
7440-28-0	Thallium	0.13	J	10/27/2024	2002
7440-62-2	Vanadium	67		10/27/2024	2002
7440-66-6	Zinc	140	*	10/27/2024	2002

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

Comments:

EPA SAMPLE NO.

MYDAR3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAN1

Matrix: SOIL Lab Sample ID: P4308-22

% Solids: 96.7 Date Received: 10/04/2024

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	0.34	J	10/27/2024	2005
7440-38-2	Arsenic	25		10/27/2024	2005
7440-39-3	Barium	170		10/27/2024	2005
7440-41-7	Beryllium	0.82		10/27/2024	2005
7440-43-9	Cadmium	0.17	J	10/27/2024	2005
7440-47-3	Chromium	23		10/27/2024	2005
7440-48-4	Cobalt	17		10/27/2024	2005
7440-50-8	Copper	37		10/27/2024	2005
7439-92-1	Lead	11	*	10/27/2024	2005
7440-02-0	Nickel	19		10/27/2024	2005
7782-49-2	Selenium	0.40	J	10/27/2024	2005
7440-22-4	Silver	0.076	J*	10/27/2024	2005
7440-28-0	Thallium	0.11	J	10/27/2024	2005
7440-62-2	Vanadium	75		10/27/2024	2005
7440-66-6	Zinc	72	*	10/27/2024	2005

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

Comments:

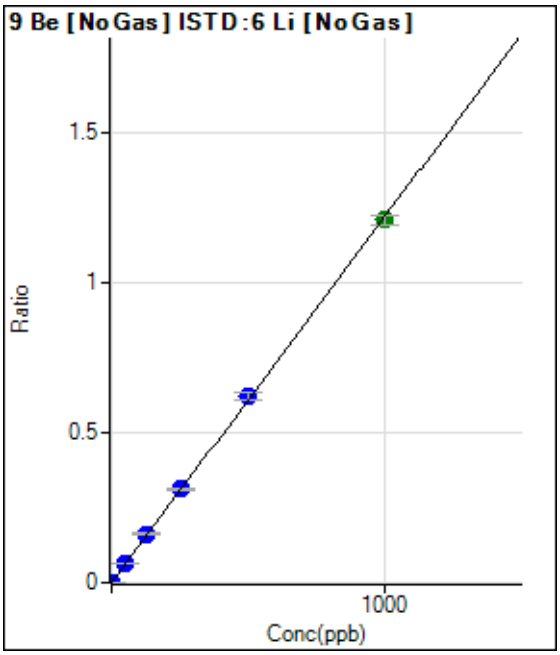
Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102724MS3.b\
Analysis File: P7102724MS3.batch.bin
DA Date-Time: 2024-10-28 11:20:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-27 15:55:16
2	005CALS.d	S02	2024-10-27 15:58:34
3	006CALS.d	S03	2024-10-27 16:01:54
4	007CALS.d	S04	2024-10-27 16:05:02
5	008CALS.d	S05	2024-10-27 16:08:01
6	009CALS.d	S06	2024-10-27 16:10:52
7	011CALS.d	S07	2024-10-27 16:16:58
8	012CALS.d	S08	2024-10-27 16:19:46

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.24	0.0000	P	34.9
2	☐	1.000	0.987	1121.86	0.0012	P	2.7
3	☐	50.000	52.961	58840.57	0.0645	P	4.8
4	☐	125.000	133.928	152639.31	0.1631	P	1.9
5	☐	250.000	255.454	300444.82	0.3111	P	2.0
6	☐	500.000	509.657	591926.74	0.6207	P	3.9
7	☐	1000.000	992.544	1129333.95	1.2088	A	2.9
8	☐			179.97	0.0002	P	22.7

y = 0.0012 * x + 3.7135E-005

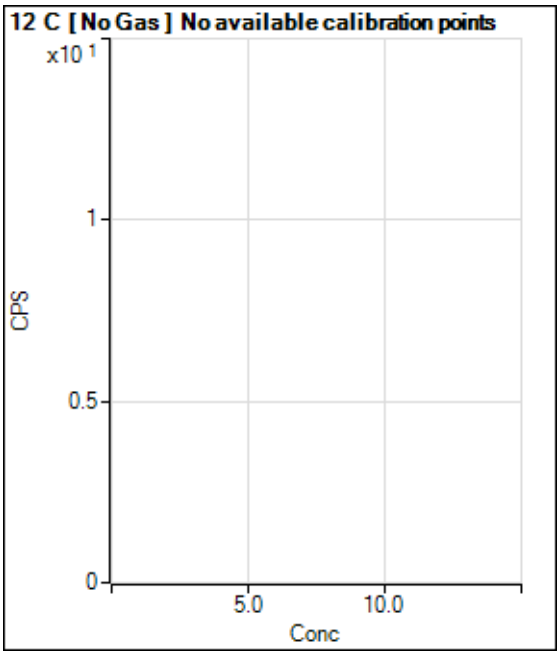
R = 0.9999

DL = 0.03189

BEC = 0.03049

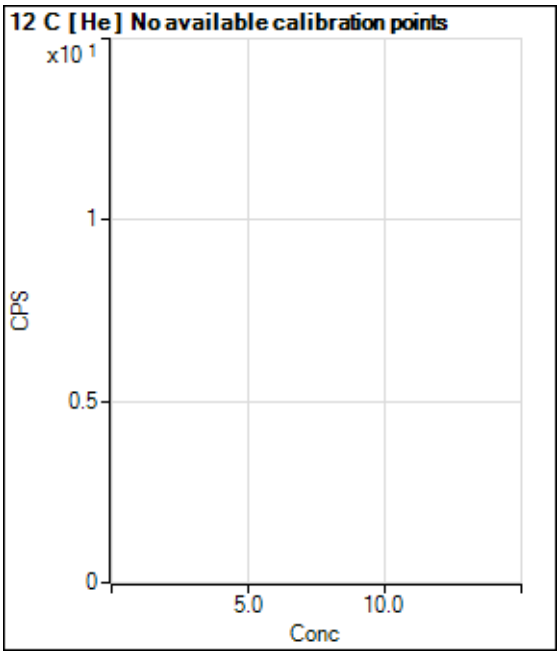
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Min Conc: 0

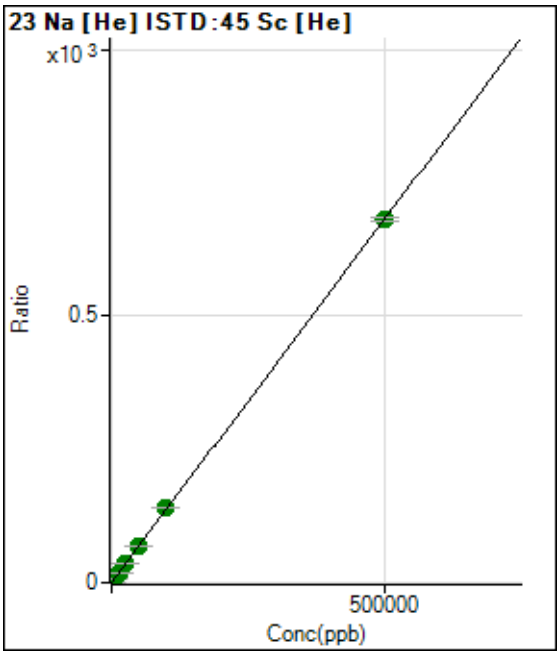


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
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6	☐						
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8	☐						

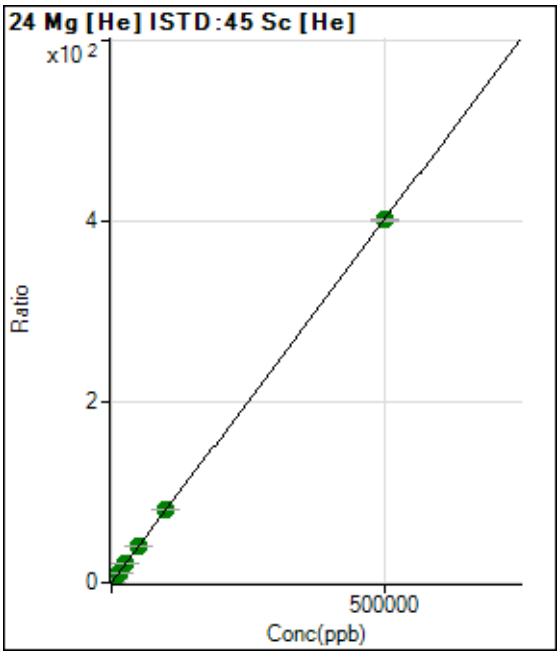


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57271.70	0.1784	P	0.5
2	☐	500.000	511.311	283066.89	0.8752	P	0.9
3	☐	5000.000	5210.170	2409228.32	7.2787	A	0.2
4	☐	12500.000	13230.490	5998447.27	18.2085	A	0.6
5	☐	25000.000	26134.250	11690944.55	35.7933	A	0.4
6	☐	50000.000	50833.485	22494820.50	69.4527	A	1.8
7	☐	100000.00	102458.77	45311904.32	139.8059	A	0.4
8	☐	500000.00	499347.80	230733363.2	680.6733	A	1.2

y = 0.0014 * x + 0.1784
R = 1.0000
DL = 2.145
BEC = 130.9

Weight: <None>
Min Conc: 0

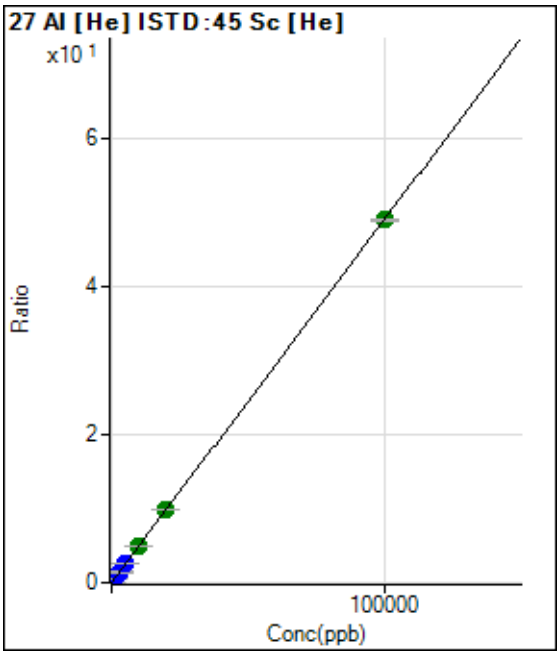
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1	☐	0.000	0.000	266.67	0.0008	P	9.3
2	☐	500.000	538.996	140287.32	0.4338	P	1.9
3	☐	5000.000	5193.380	1381103.99	4.1725	A	0.7
4	☐	12500.000	12997.532	3439470.33	10.4412	A	1.4
5	☐	25000.000	25716.707	6747301.22	20.6580	A	0.2
6	☐	50000.000	50181.297	13056449.95	40.3094	A	1.2
7	☐	100000.00	101251.03	26361399.88	81.3316	A	0.4
8	☐	500000.00	499681.41	136059305.7	401.3740	A	0.3

y = 8.0326E-004 * x + 8.3067E-004
R = 1.0000
DL = 0.2898
BEC = 1.034

Weight: <None>
Min Conc: 0

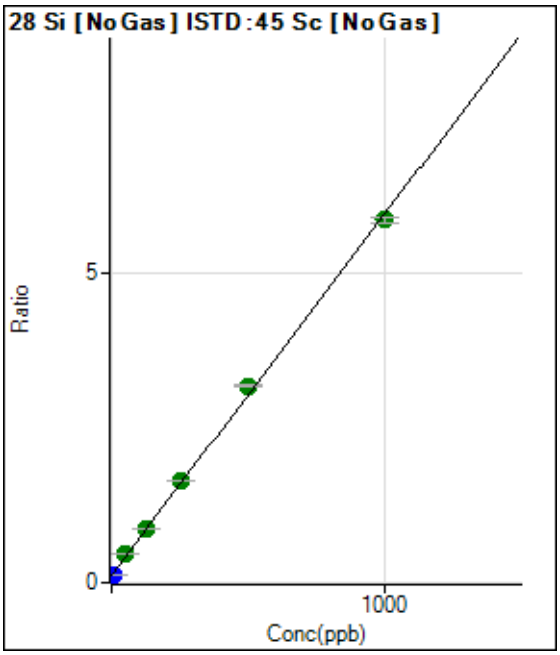


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	281.12	0.0009	P	5.4
2	☐	20.000	19.562	3388.19	0.0105	P	3.1
3	☐	1000.000	1242.551	202118.07	0.6107	P	1.3
4	☐	2500.000	2902.754	469571.95	1.4254	P	0.8
5	☐	5000.000	5289.550	848140.23	2.5968	P	0.6
6	☐	10000.000	10137.181	1611500.58	4.9758	A	2.8
7	☐	20000.000	20244.626	3220321.06	9.9362	A	0.7
8	☐	100000.00	99910.385	16621227.25	49.0332	A	0.6

y = 4.9076E-004 * x + 8.7589E-004
R = 1.0000
DL = 0.2905
BEC = 1.785

Weight: <None>
Min Conc: 0

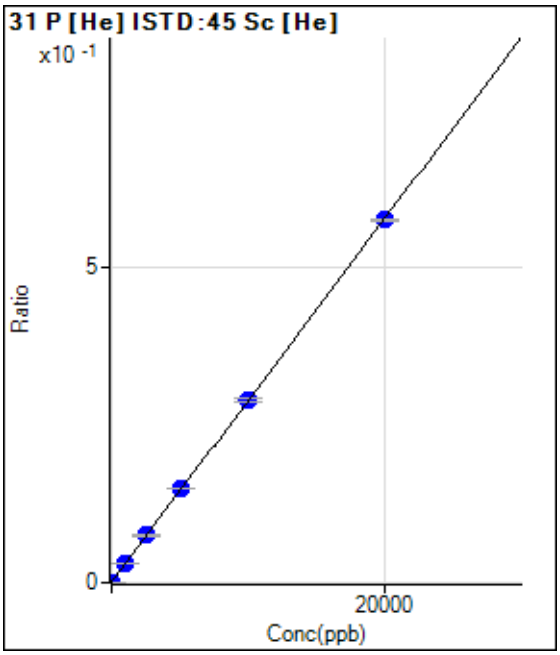
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1	☐	0.000	0.000	405670.48	0.1180	P	5.0
2	☐	10.000	0.117	418412.54	0.1187	P	0.8
3	☐	50.000	59.561	1686366.80	0.4642	A	1.5
4	☐	125.000	127.866	3139326.00	0.8613	A	1.4
5	☐	250.000	260.413	5991169.56	1.6319	A	0.5
6	☐	500.000	524.064	11654269.97	3.1646	A	1.0
7	☐	1000.000	984.627	21622770.51	5.8420	A	1.9
8	☐			425113.23	0.1147	P	0.6

y = 0.0058 * x + 0.1180
R = 0.9994
DL = 3.058
BEC = 20.29

Weight: <None>
Min Conc: 0

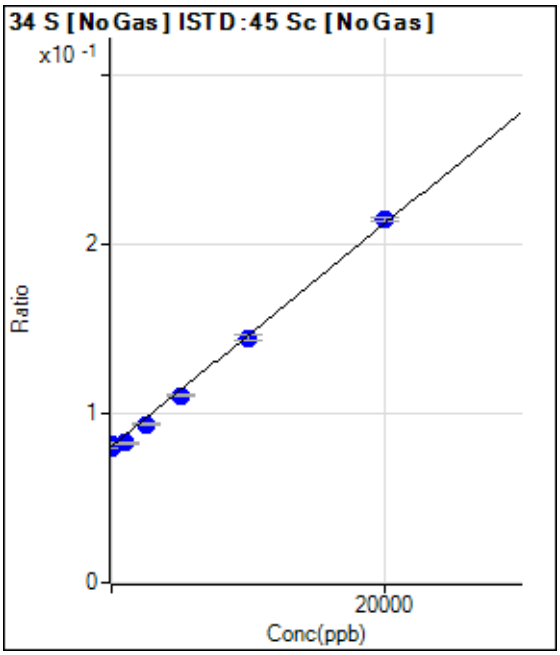


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐	0.000	12.959	413.34	0.0013	P	6.7
3	☐	1000.000	1013.080	9932.19	0.0300	P	0.3
4	☐	2500.000	2576.433	24678.85	0.0749	P	1.6
5	☐	5000.000	5120.511	48338.37	0.1480	P	0.4
6	☐	10000.000	10022.191	93536.92	0.2888	P	2.1
7	☐	20000.000	19948.569	186023.17	0.5740	P	0.5
8	☐			305.56	0.0009	P	5.9

y = 2.8726E-005 * x + 9.0537E-004
R = 1.0000
DL = 6.894
BEC = 31.52

Weight: <None>
Min Conc: 0

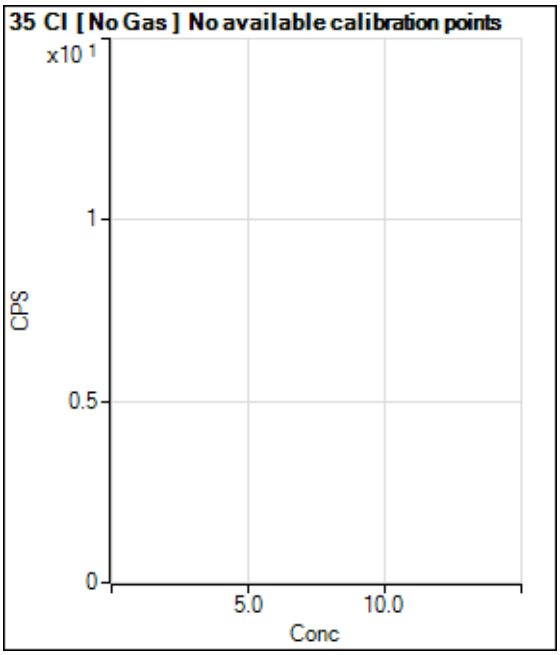
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On:10/28/2024 4:54:16 PM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	167.052	280373.86	0.0816	P	6.0
2	☐	0.000	-167.052	279890.48	0.0794	P	0.3
3	☐	1000.000	273.001	298828.65	0.0823	P	0.6
4	☐	2500.000	1984.788	340815.93	0.0935	P	1.4
5	☐	5000.000	4567.883	405602.00	0.1105	P	0.9
6	☐	10000.000	9745.167	532032.02	0.1445	P	2.4
7	☐	20000.000	20336.197	792367.84	0.2141	P	1.2
8	☐			235888.48	0.0637	P	1.1

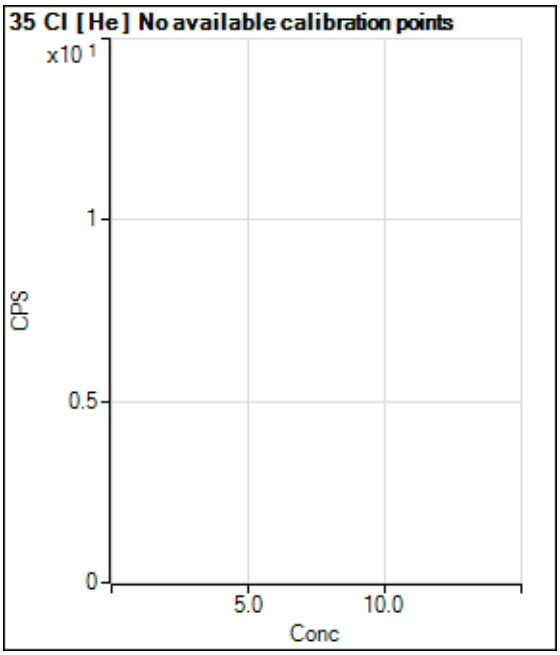
y = 6.5693E-006 * x + 0.0805
R = 0.9991
DL = 1169
BEC = 1.225E+04

Weight: <None>
Min Conc: 0

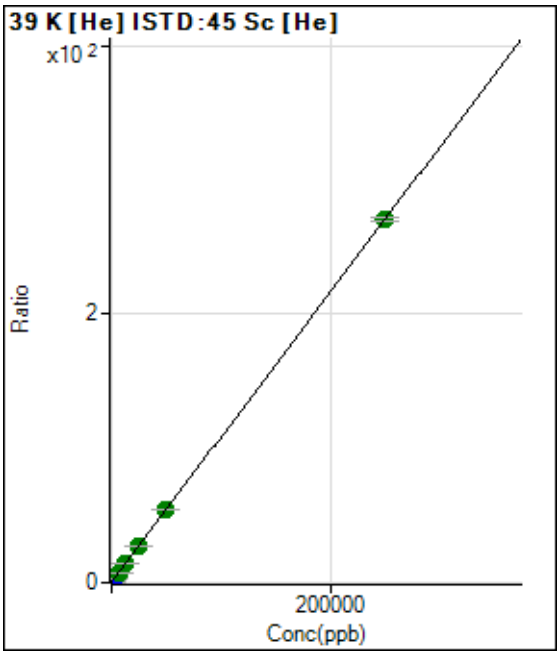


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7



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

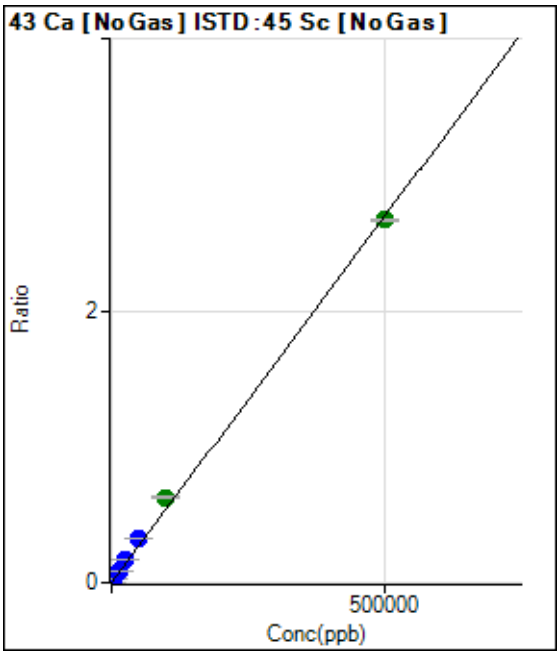


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87828.06	0.2736	P	0.5
2	☐	500.000	512.460	267454.84	0.8270	P	1.1
3	☐	2500.000	2761.539	1077513.56	3.2554	P	0.3
4	☐	6250.000	6431.263	2377730.45	7.2178	A	0.5
5	☐	12500.000	12713.053	4572779.03	14.0006	A	0.4
6	☐	25000.000	24913.372	8802617.30	27.1739	A	0.3
7	☐	50000.000	49635.736	17459219.60	53.8679	A	0.2
8	☐	250000.00	250063.69	91617339.74	270.2801	A	0.9

y = 0.0011 * x + 0.2736
R = 1.0000
DL = 3.621
BEC = 253.4

Weight: <None>
Min Conc: 0

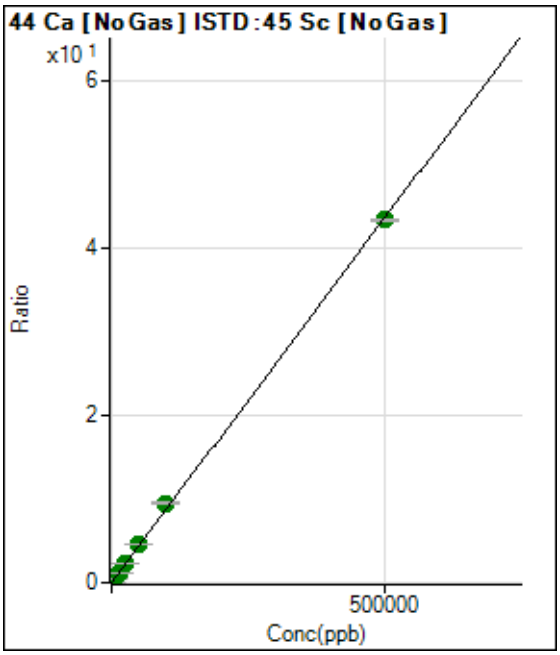
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	386.68	0.0001	P	7.6
2	☐	500.000	508.992	10060.07	0.0029	P	1.6
3	☐	5000.000	6098.606	119681.91	0.0329	P	2.1
4	☐	12500.000	15543.519	305443.73	0.0838	P	1.2
5	☐	25000.000	30472.304	602754.43	0.1642	P	0.7
6	☐	50000.000	59811.857	1186369.89	0.3221	P	0.9
7	☐	100000.00	115954.97	2310993.63	0.6244	A	2.4
8	☐	500000.00	495467.12	9886315.96	2.6677	A	0.8

y = 5.3840E-006 * x + 1.1241E-004
R = 0.9993
DL = 4.776
BEC = 20.88

Weight: <None>
Min Conc: 0

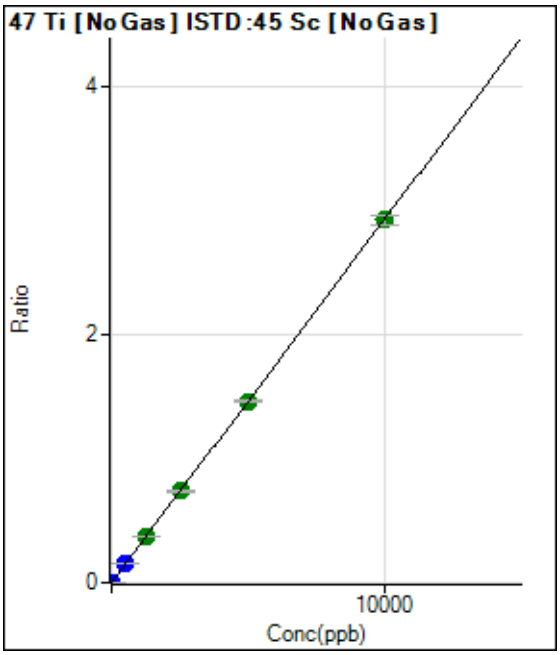


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20957.06	0.0061	P	5.4
2	☐	500.000	520.245	181081.74	0.0514	P	0.8
3	☐	5000.000	5560.308	1779185.86	0.4898	A	1.2
4	☐	12500.000	13955.743	4447513.41	1.2201	A	0.6
5	☐	25000.000	27397.568	8772775.01	2.3895	A	0.4
6	☐	50000.000	53664.700	17217084.88	4.6745	A	0.4
7	☐	100000.00	108746.78	35035948.09	9.4662	A	2.1
8	☐	500000.00	497722.27	160479898.7	43.3040	A	0.7

y = 8.6992E-005 * x + 0.0061
R = 0.9998
DL = 11.4
BEC = 70.07

Weight: <None>
Min Conc: 0

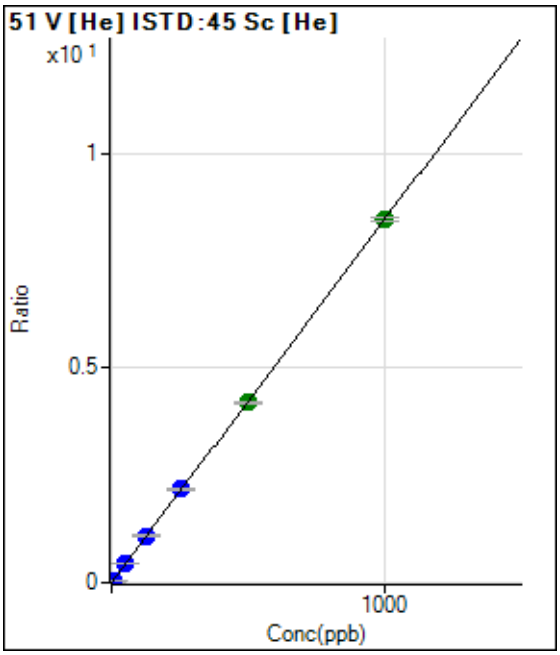
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	215.56	0.0001	P	13.6
2	☐	5.000	4.482	4847.48	0.0014	P	1.6
3	☐	500.000	517.013	550224.54	0.1515	P	1.5
4	☐	1250.000	1278.253	1364788.70	0.3744	A	1.8
5	☐	2500.000	2536.314	2727354.13	0.7428	A	1.8
6	☐	5000.000	4995.863	5387788.08	1.4631	A	1.6
7	☐	10000.000	9988.608	10826151.09	2.9252	A	2.7
8	☐			1657.88	0.0004	P	6.2

y = 2.9285E-004 * x + 6.2287E-005
R = 1.0000
DL = 0.08666
BEC = 0.2127

Weight: <None>
Min Conc: 0

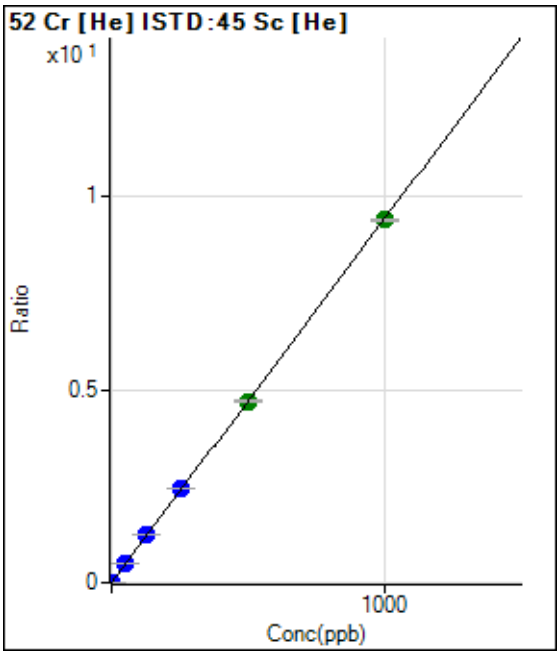


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0001	P	60.4
2	☐	5.000	4.863	13303.73	0.0411	P	1.5
3	☐	50.000	51.306	143466.84	0.4335	P	1.1
4	☐	125.000	129.548	360518.42	1.0944	P	0.9
5	☐	250.000	257.236	709754.84	2.1731	P	0.3
6	☐	500.000	495.902	1356865.89	4.1892	A	1.3
7	☐	1000.000	999.607	2736895.83	8.4442	A	1.0
8	☐			658.91	0.0019	P	0.8

y = 0.0084 * x + 5.5418E-005
R = 1.0000
DL = 0.01188
BEC = 0.00656

Weight: <None>
Min Conc: 0

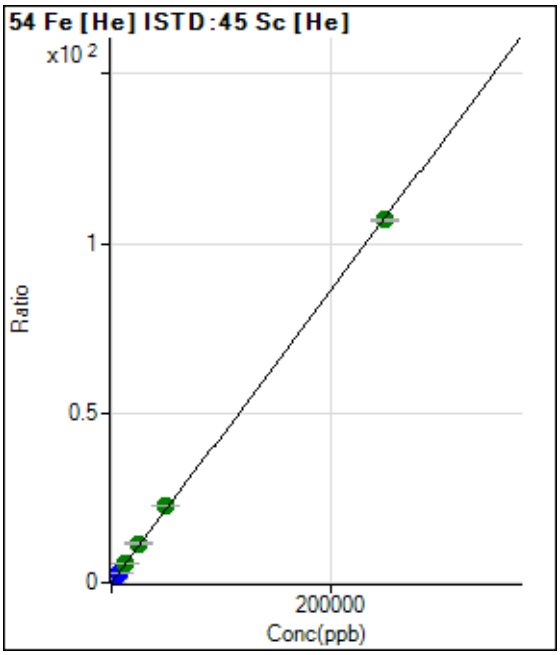
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	896.70	0.0028	P	5.3
2	☐	2.000	1.917	6739.34	0.0208	P	2.7
3	☐	50.000	52.048	163087.84	0.4927	P	0.3
4	☐	125.000	131.474	408587.39	1.2403	P	1.1
5	☐	250.000	259.190	797752.71	2.4425	P	0.7
6	☐	500.000	498.846	1521820.34	4.6984	A	1.4
7	☐	1000.000	997.368	3043819.30	9.3909	A	0.5
8	☐			10761.10	0.0318	P	5.0

y = 0.0094 * x + 0.0028
R = 0.9999
DL = 0.04703
BEC = 0.2968

Weight: <None>
Min Conc: 0

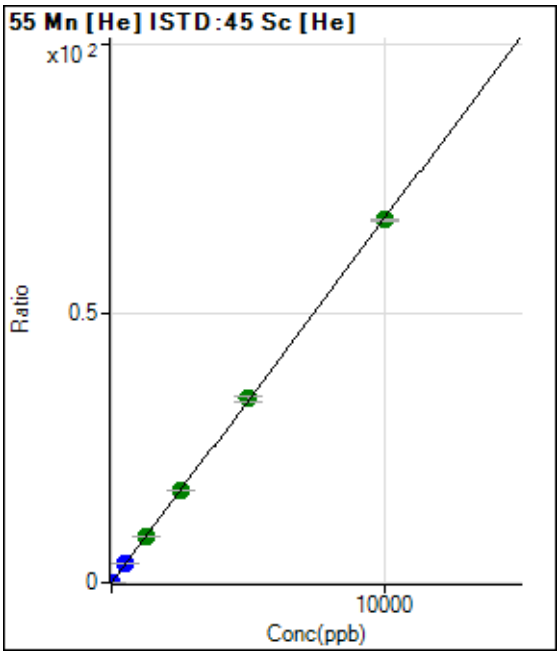


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1773.46	0.0055	P	1.9
2	☐	50.000	55.197	9447.48	0.0292	P	1.3
3	☐	2500.000	2873.635	409980.29	1.2387	P	0.5
4	☐	6250.000	7219.286	1022368.78	3.1035	P	0.1
5	☐	12500.000	13595.831	1907366.87	5.8398	A	0.2
6	☐	25000.000	26837.115	3731662.65	11.5219	A	2.2
7	☐	50000.000	53095.124	7385972.18	22.7897	A	1.0
8	☐	250000.00	249114.50	36238519.18	106.9054	A	0.3

y = 4.2912E-004 * x + 0.0055
R = 0.9999
DL = 0.7473
BEC = 12.88

Weight: <None>
Min Conc: 0

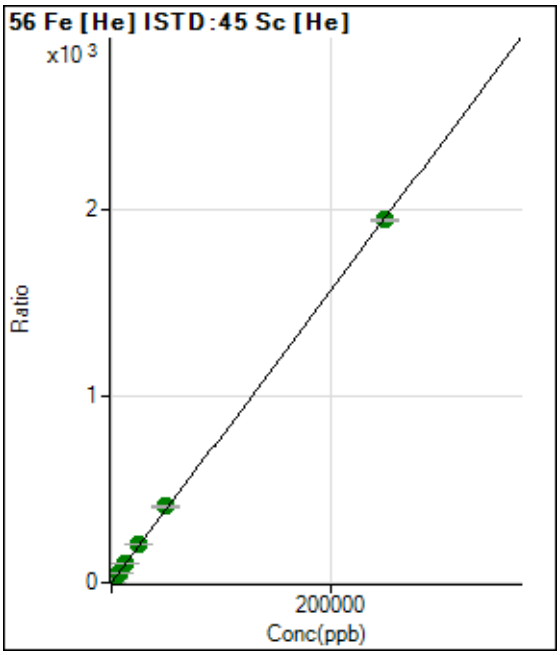
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	397.79	0.0012	P	5.7
2	☐	1.000	0.994	2572.46	0.0080	P	4.6
3	☐	500.000	521.133	1165549.23	3.5214	P	0.2
4	☐	1250.000	1284.873	2859540.76	8.6803	A	0.6
5	☐	2500.000	2538.757	5601513.18	17.1500	A	0.6
6	☐	5000.000	5047.774	11043200.39	34.0979	A	2.5
7	☐	10000.000	9961.008	21807758.29	67.2858	A	0.7
8	☐			12150.78	0.0359	P	4.9

y = 0.0068 * x + 0.0012
R = 1.0000
DL = 0.03158
BEC = 0.1835

Weight: <None>
Min Conc: 0

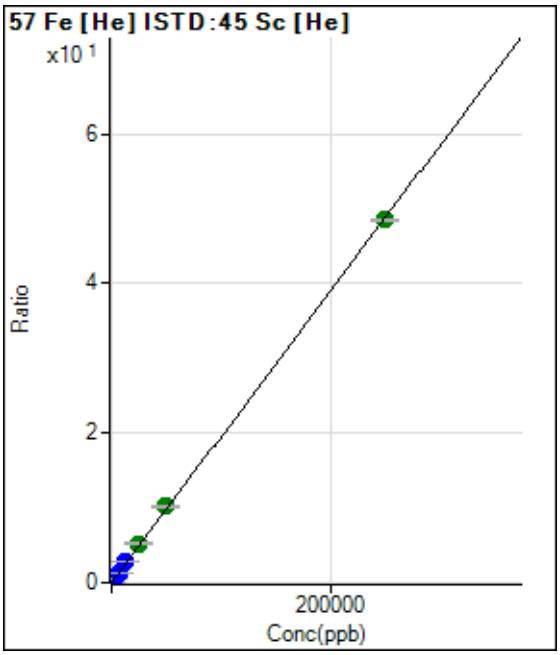


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12215.06	0.0381	P	1.4
2	☐	50.000	52.940	145528.61	0.4500	P	1.2
3	☐	2500.000	2653.798	6846697.19	20.6864	A	1.4
4	☐	6250.000	6687.701	17153951.27	52.0728	A	0.7
5	☐	12500.000	13241.932	33664370.05	103.0691	A	0.7
6	☐	25000.000	26427.191	66604237.34	205.6592	A	2.8
7	☐	50000.000	52265.831	131806102.4	406.7011	A	1.3
8	☐	250000.00	249354.53	657672874.6	1,940.182	A	0.6

y = 0.0078 * x + 0.0381
R = 0.9999
DL = 0.2113
BEC = 4.892

Weight: <None>
Min Conc: 0

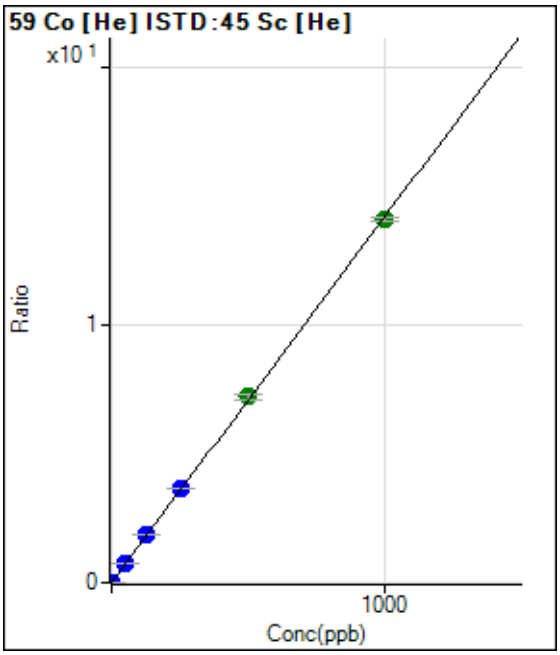
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3164.81	0.0099	P	5.0
2	☐	50.000	53.485	6554.82	0.0203	P	4.5
3	☐	2500.000	2791.910	183048.59	0.5530	P	0.2
4	☐	6250.000	7025.118	453487.24	1.3766	P	1.0
5	☐	12500.000	13911.378	887201.30	2.7163	P	0.2
6	☐	25000.000	26619.763	1680313.19	5.1888	A	3.5
7	☐	50000.000	52404.793	3307492.56	10.2053	A	1.3
8	☐	250000.00	249264.19	16442203.51	48.5046	A	0.6

y = 1.9455E-004 * x + 0.0099
R = 0.9999
DL = 7.679
BEC = 50.69

Weight: <None>
Min Conc: 0

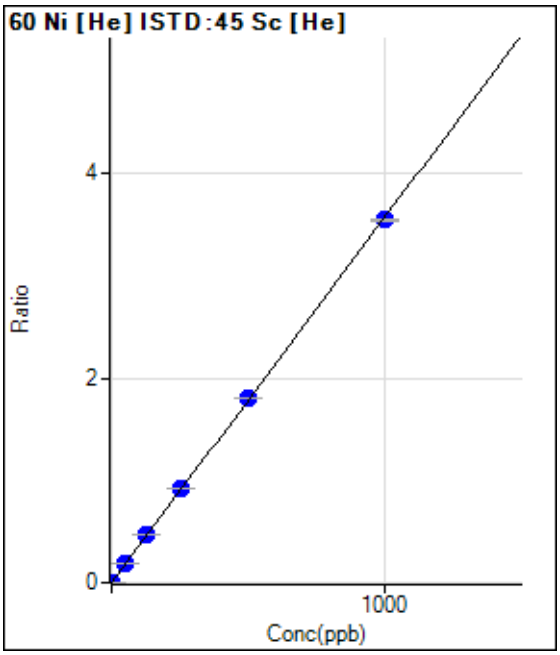


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.56	0.0004	P	12.4
2	☐	1.000	1.022	4814.14	0.0149	P	0.9
3	☐	50.000	51.582	242328.32	0.7321	P	0.7
4	☐	125.000	130.907	611887.11	1.8574	P	0.3
5	☐	250.000	256.053	1186501.59	3.6328	P	0.6
6	☐	500.000	509.765	2342089.18	7.2319	A	2.9
7	☐	1000.000	992.787	4564587.12	14.0841	A	1.0
8	☐			12745.50	0.0376	P	0.7

y = 0.0142 * x + 3.9134E-004
R = 0.9999
DL = 0.01024
BEC = 0.02759

Weight: <None>
Min Conc: 0

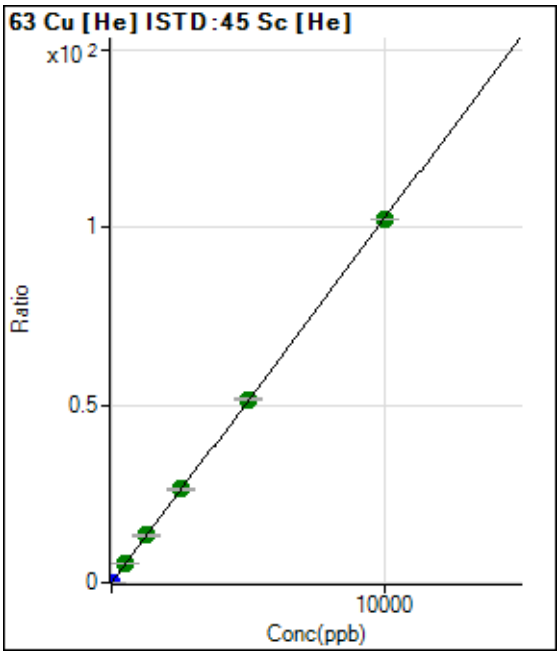
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0004	P	14.7
2	☐	1.000	0.994	1290.07	0.0040	P	6.3
3	☐	50.000	52.964	62754.99	0.1896	P	1.1
4	☐	125.000	132.125	155597.22	0.4723	P	0.6
5	☐	250.000	259.184	302495.31	0.9261	P	0.2
6	☐	500.000	505.248	584678.55	1.8050	P	0.5
7	☐	1000.000	994.041	1150817.41	3.5507	P	0.4
8	☐			5777.84	0.0170	P	2.3

y = 0.0036 * x + 4.3615E-004
R = 0.9999
DL = 0.05384
BEC = 0.1221

Weight: <None>
Min Conc: 0

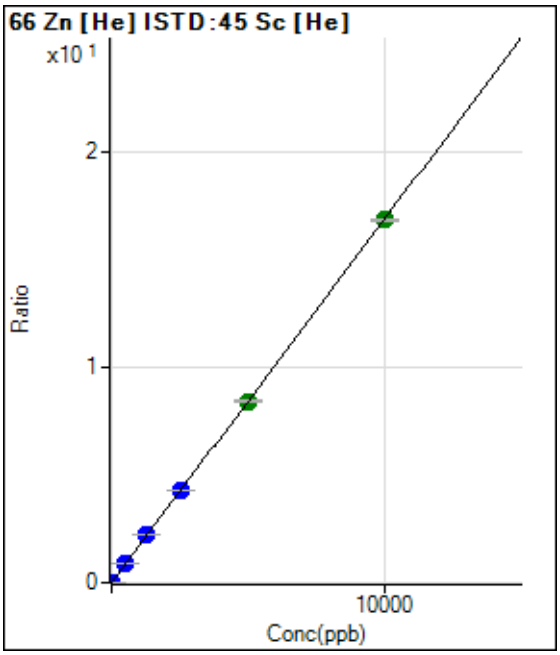


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	757.81	0.0024	P	3.8
2	☐	2.000	1.851	6907.22	0.0214	P	1.0
3	☐	500.000	520.292	1767858.00	5.3411	A	0.1
4	☐	1250.000	1298.441	4389721.18	13.3257	A	0.8
5	☐	2500.000	2566.050	8600486.26	26.3326	A	0.8
6	☐	5000.000	5031.179	16723461.83	51.6274	A	0.5
7	☐	10000.000	9960.828	33127752.01	102.2105	A	0.1
8	☐			9639.85	0.0284	P	1.5

y = 0.0103 * x + 0.0024
R = 1.0000
DL = 0.02628
BEC = 0.2301

Weight: <None>
Min Conc: 0

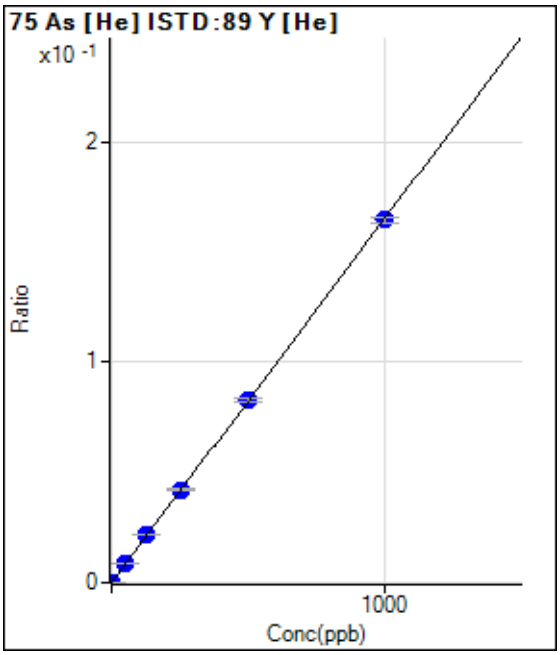
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	404.45	0.0013	P	4.3
2	☐	2.000	4.495	2854.74	0.0088	P	3.5
3	☐	500.000	516.157	288074.73	0.8703	P	0.6
4	☐	1250.000	1303.893	723637.99	2.1967	P	0.8
5	☐	2500.000	2550.435	1403007.44	4.2956	P	0.5
6	☐	5000.000	4996.365	2725211.09	8.4140	A	1.7
7	☐	10000.000	9981.663	5447554.78	16.8081	A	0.8
8	☐			7779.88	0.0230	P	0.4

y = 0.0017 * x + 0.0013
R = 1.0000
DL = 0.09555
BEC = 0.7484

Weight: <None>
Min Conc: 0

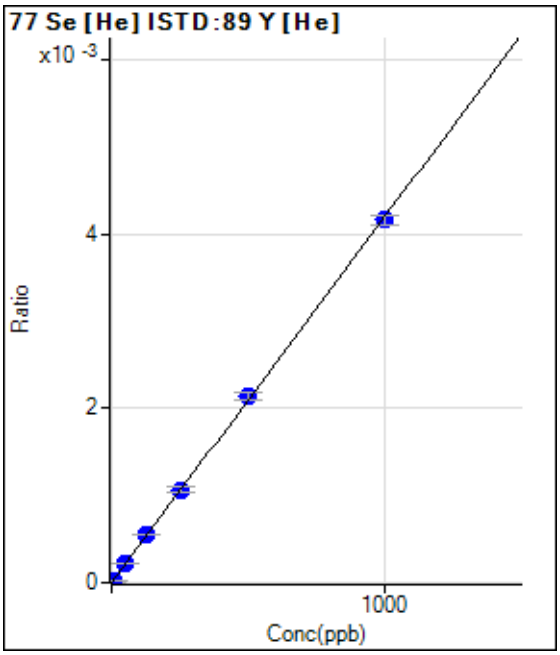


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	34.5
2	☐	1.000	0.951	390.01	0.0002	P	5.9
3	☐	50.000	51.605	21457.81	0.0085	P	0.5
4	☐	125.000	130.689	54414.83	0.0216	P	1.5
5	☐	250.000	254.393	107009.92	0.0420	P	1.6
6	☐	500.000	501.610	209261.97	0.0829	P	2.3
7	☐	1000.000	997.306	419290.34	0.1647	P	1.4
8	☐			246.67	0.0001	P	16.2

y = 1.6517E-004 * x + 2.2330E-006
R = 1.0000
DL = 0.01398
BEC = 0.01352

Weight: <None>
Min Conc: 0

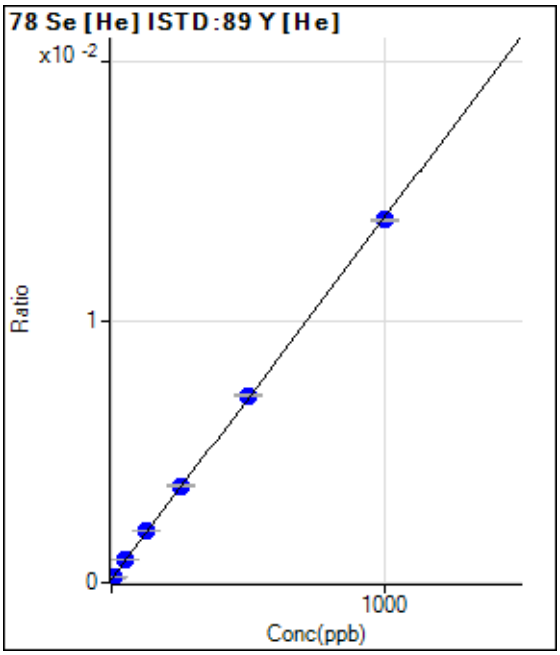
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.186	54.44	0.0000	P	31.2
3	☐	50.000	50.880	538.91	0.0002	P	3.8
4	☐	125.000	131.399	1392.30	0.0006	P	2.0
5	☐	250.000	254.807	2725.83	0.0011	P	4.7
6	☐	500.000	510.682	5416.60	0.0021	P	4.4
7	☐	1000.000	992.612	10609.43	0.0042	P	2.6
8	☐			4.44	0.0000	P	44.7

y = 4.1993E-006 * x + 4.4820E-007
R = 0.9999
DL = 0.5546
BEC = 0.1067

Weight: <None>
Min Conc: 0

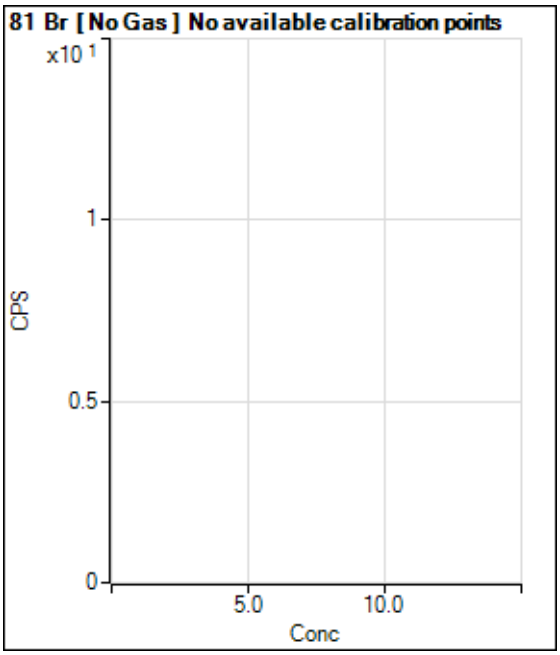


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	332.23	0.0001	P	10.4
2	☐	5.000	4.966	495.57	0.0002	P	7.6
3	☐	50.000	53.299	2199.07	0.0009	P	2.2
4	☐	125.000	133.819	5022.01	0.0020	P	3.2
5	☐	250.000	258.499	9480.89	0.0037	P	1.4
6	☐	500.000	507.037	18122.31	0.0072	P	1.0
7	☐	1000.000	993.090	35440.14	0.0139	P	0.8
8	☐			347.78	0.0001	P	4.5

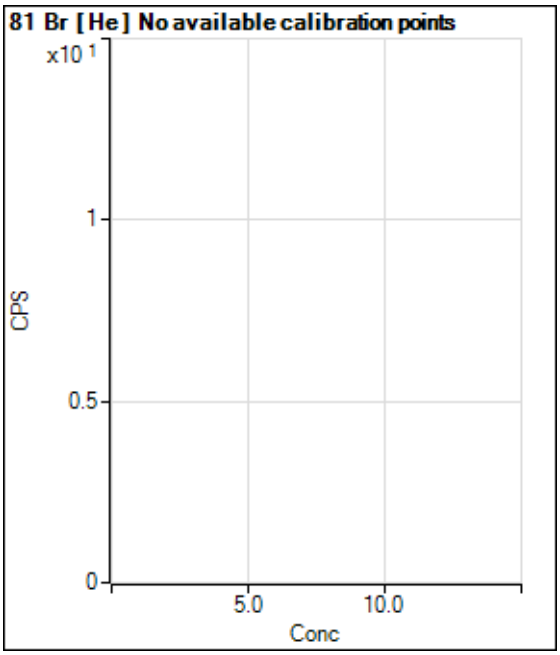
y = 1.3885E-005 * x + 1.3358E-004
R = 0.9999
DL = 3.004
BEC = 9.62

Weight: <None>
Min Conc: 0

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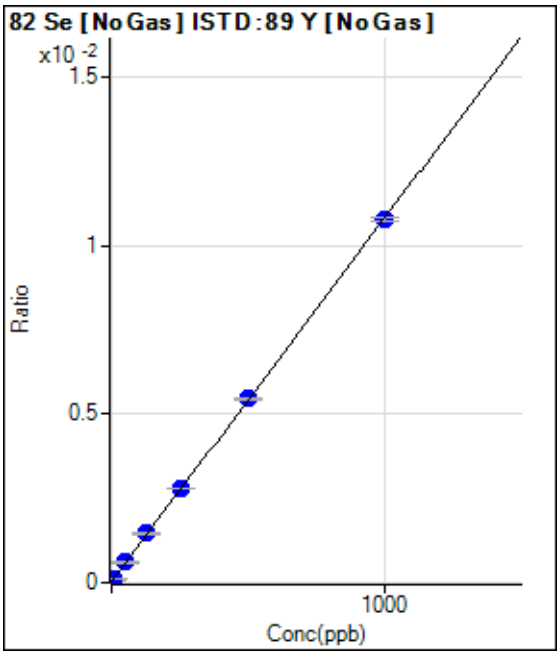


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4810.83		P	1.2
2	☐			4589.64		P	2.4
3	☐			4527.41		P	2.6
4	☐			4694.12		P	2.3
5	☐			4886.41		P	0.1
6	☐			4965.32		P	2.3
7	☐			4775.27		P	2.2
8	☐			5324.34		P	1.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			93.33		P	9.5
2	☐			97.78		P	7.1
3	☐			78.89		P	28.1
4	☐			52.22		P	35.2
5	☐			56.67		P	5.9
6	☐			74.45		P	9.3
7	☐			66.67		P	5.0
8	☐			72.22		P	23.7

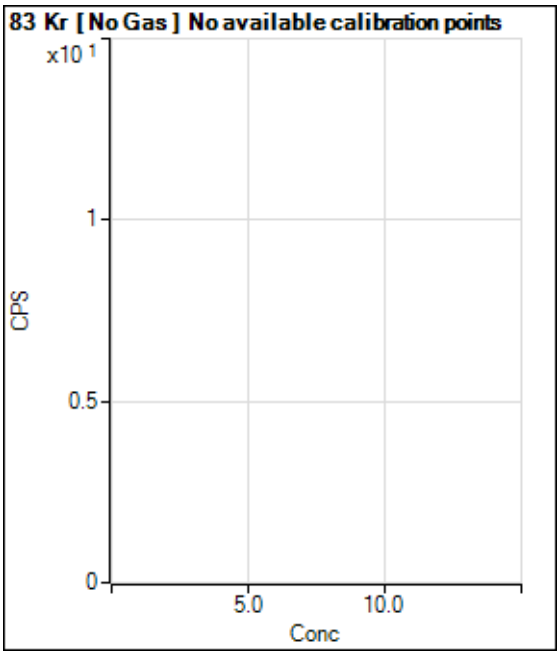
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.08	0.0000	P	4.8
2	☐	5.000	5.540	852.06	0.0001	P	4.9
3	☐	50.000	53.320	5618.86	0.0006	P	4.6
4	☐	125.000	131.770	13671.72	0.0015	P	2.1
5	☐	250.000	256.735	26576.93	0.0028	P	1.0
6	☐	500.000	503.323	52678.70	0.0055	P	0.8
7	☐	1000.000	995.640	104648.23	0.0108	P	1.2
8	☐			427.42	0.0000	P	9.5

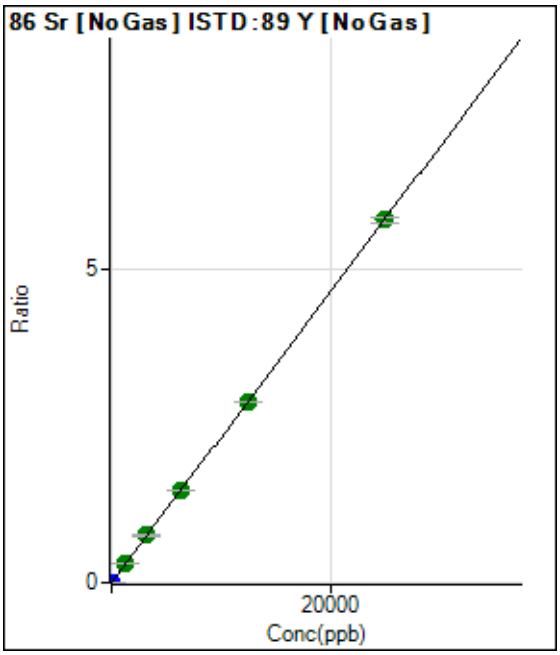
y = 1.0786E-005 * x + 3.5857E-005
R = 1.0000
DL = 0.4819
BEC = 3.324

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			247.78		P	12.5
2	☐			220.00		P	12.1
3	☐			233.34		P	22.3
4	☐			231.11		P	13.0
5	☐			241.12		P	7.1
6	☐			218.89		P	7.2
7	☐			247.78		P	6.2
8	☐			268.90		P	1.9

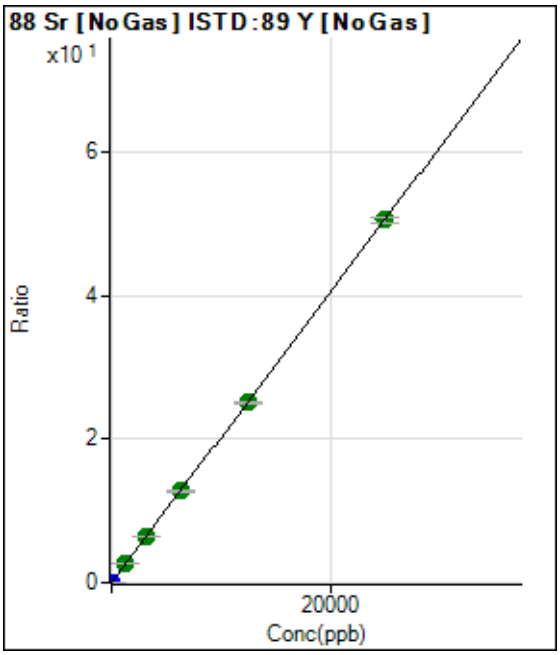
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	382.23	0.0000	P	8.1
2	☐	1.000	0.957	2364.66	0.0003	P	3.6
3	☐	1250.000	1308.745	2782379.73	0.3026	A	4.7
4	☐	3125.000	3246.722	7042676.15	0.7506	A	1.2
5	☐	6250.000	6359.437	13931408.13	1.4702	A	0.8
6	☐	12500.000	12423.288	27686902.92	2.8721	A	0.5
7	☐	25000.000	24992.844	56119200.27	5.7779	A	1.5
8	☐			10215.85	0.0011	P	6.7

y = 2.3118E-004 * x + 4.3952E-005
R = 1.0000
DL = 0.0464
BEC = 0.1901

Weight: <None>
Min Conc: 0

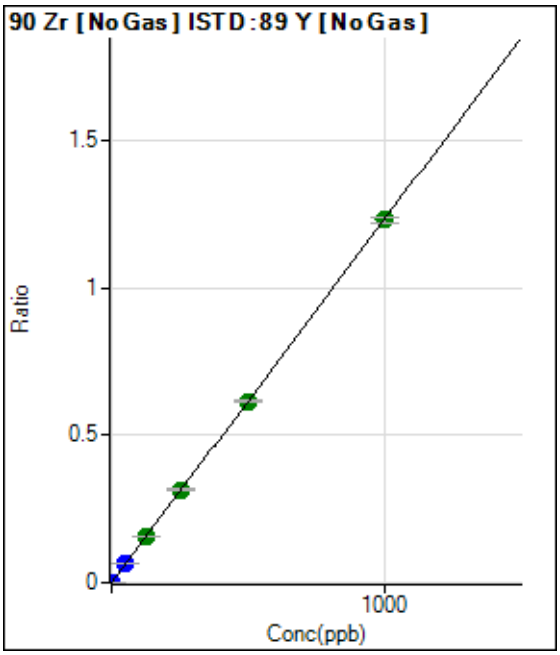


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	324.45	0.0000	P	9.2
2	☐	1.000	0.983	18037.83	0.0020	P	1.7
3	☐	1250.000	1286.040	23892352.70	2.5975	A	2.1
4	☐	3125.000	3223.285	61088877.42	6.5103	A	0.9
5	☐	6250.000	6318.311	120915731.5	12.7615	A	1.1
6	☐	12500.000	12408.602	241606911.9	25.0625	A	0.9
7	☐	25000.000	25014.534	490717454.9	50.5235	A	1.7
8	☐			86314.70	0.0091	P	6.9

y = 0.0020 * x + 3.7510E-005
R = 1.0000
DL = 0.005133
BEC = 0.01857

Weight: <None>
Min Conc: 0

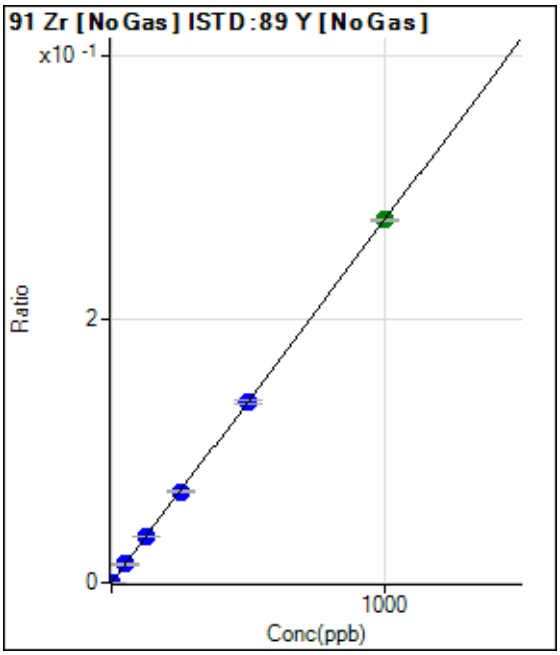
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	374.45	0.0000	P	9.2
2	☐	1.000	0.968	11026.46	0.0012	P	2.2
3	☐	50.000	51.954	589440.52	0.0641	P	3.8
4	☐	125.000	128.312	1484645.92	0.1582	A	0.3
5	☐	250.000	255.842	2988846.94	0.3154	A	1.7
6	☐	500.000	499.473	5936364.84	0.6158	A	1.5
7	☐	1000.000	998.291	11953523.85	1.2307	A	1.6
8	☐			7066.21	0.0007	P	2.8

y = 0.0012 * x + 4.3300E-005
R = 1.0000
DL = 0.00968
BEC = 0.03512

Weight: <None>
Min Conc: 0

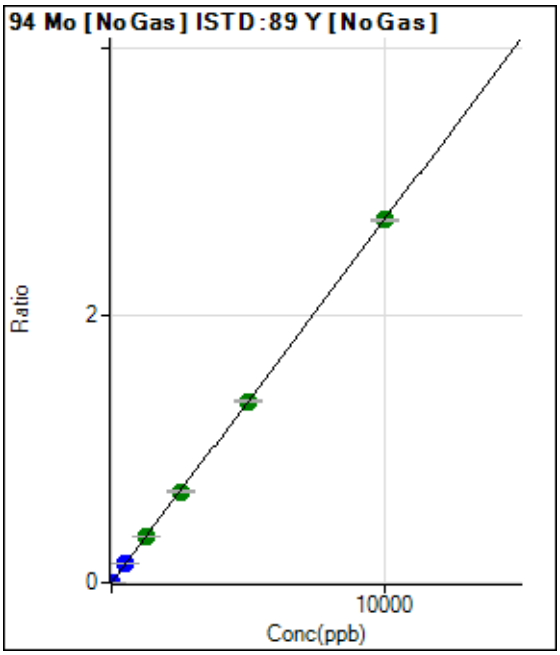


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.33	0.0000	P	35.9
2	☐	1.000	0.971	2453.56	0.0003	P	7.6
3	☐	50.000	50.826	128667.58	0.0140	P	4.5
4	☐	125.000	126.662	327069.62	0.0349	P	1.1
5	☐	250.000	251.262	655126.07	0.0691	P	2.1
6	☐	500.000	498.114	1321321.48	0.1371	P	1.7
7	☐	1000.000	1000.378	2673432.24	0.2753	A	0.2
8	☐			1543.43	0.0002	P	6.0

y = 2.7514E-004 * x + 8.3480E-006
R = 1.0000
DL = 0.03269
BEC = 0.03034

Weight: <None>
Min Conc: 0

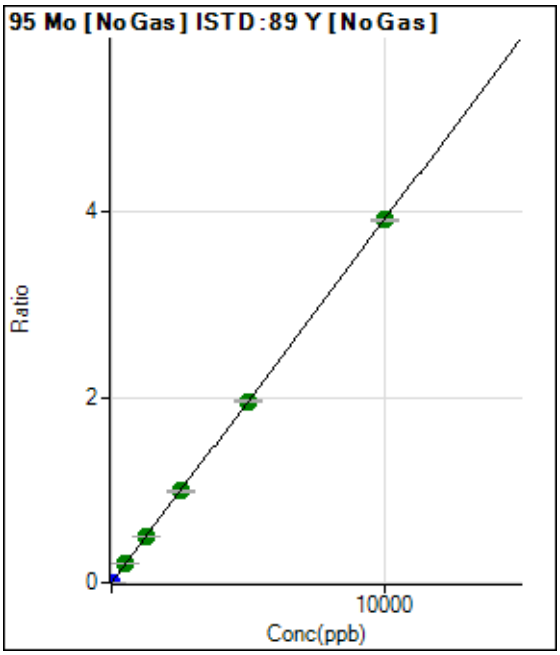
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	220.00	0.0000	P	3.6
2	☐	5.000	5.293	13022.58	0.0015	P	1.7
3	☐	500.000	511.252	1275596.77	0.1387	P	2.6
4	☐	1250.000	1277.321	3251250.99	0.3465	A	1.4
5	☐	2500.000	2515.683	6465305.11	0.6823	A	1.4
6	☐	5000.000	4992.888	13054960.92	1.3542	A	1.2
7	☐	10000.000	9995.657	26331520.44	2.7111	A	0.8
8	☐			6544.86	0.0007	P	4.6

y = 2.7122E-004 * x + 2.5394E-005
R = 1.0000
DL = 0.01023
BEC = 0.09363

Weight: <None>
Min Conc: 0

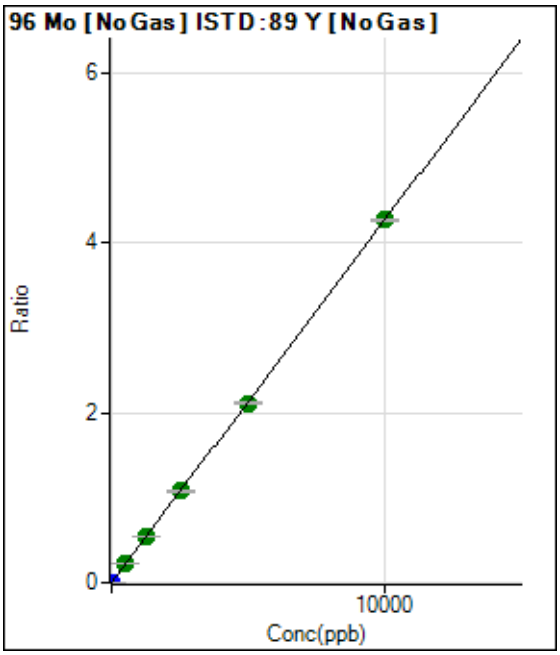


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0000	P	11.6
2	☐	5.000	4.416	15540.57	0.0017	P	1.0
3	☐	500.000	516.752	1863697.78	0.2026	A	2.2
4	☐	1250.000	1288.738	4741118.82	0.5053	A	0.5
5	☐	2500.000	2526.320	9385350.97	0.9905	A	1.4
6	☐	5000.000	4989.196	18856793.05	1.9561	A	1.2
7	☐	10000.000	9993.143	38052422.77	3.9179	A	0.6
8	☐			6252.52	0.0007	P	11.3

y = 3.9206E-004 * x + 1.2292E-005
R = 1.0000
DL = 0.01093
BEC = 0.03135

Weight: <None>
Min Conc: 0

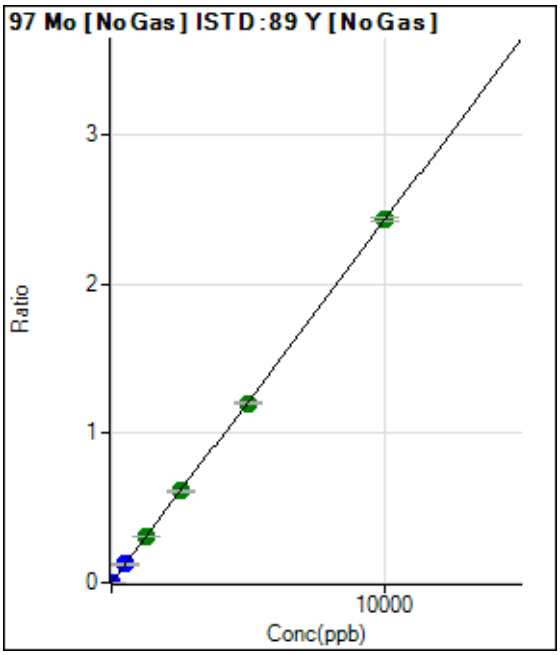
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.89	0.0000	P	10.2
2	☐	5.000	4.512	17262.52	0.0019	P	2.1
3	☐	500.000	512.248	2007965.23	0.2183	A	3.0
4	☐	1250.000	1286.240	5143323.78	0.5482	A	0.4
5	☐	2500.000	2523.663	10190992.90	1.0755	A	0.9
6	☐	5000.000	4952.638	20346443.17	2.1107	A	0.5
7	☐	10000.000	10012.623	41443822.72	4.2670	A	0.5
8	☐			11028.72	0.0012	P	4.6

y = 4.2617E-004 * x + 1.3749E-005
R = 1.0000
DL = 0.00989
BEC = 0.03226

Weight: <None>
Min Conc: 0

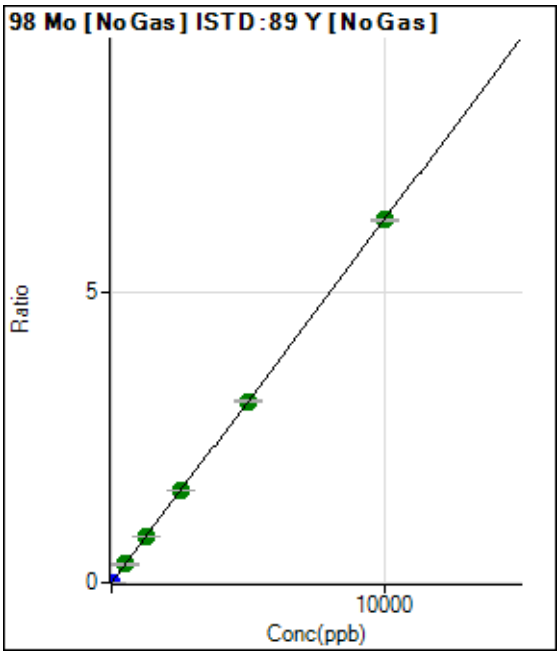


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0000	P	22.2
2	☐	5.000	4.406	9590.99	0.0011	P	0.6
3	☐	500.000	507.994	1134481.33	0.1234	P	4.4
4	☐	1250.000	1292.083	2944175.96	0.3138	A	0.8
5	☐	2500.000	2520.937	5800865.06	0.6122	A	0.2
6	☐	5000.000	4952.299	11593069.97	1.2026	A	0.8
7	☐	10000.000	10012.957	23616457.70	2.4315	A	1.2
8	☐			3952.80	0.0004	P	6.2

y = 2.4284E-004 * x + 5.9402E-006
R = 1.0000
DL = 0.01627
BEC = 0.02446

Weight: <None>
Min Conc: 0

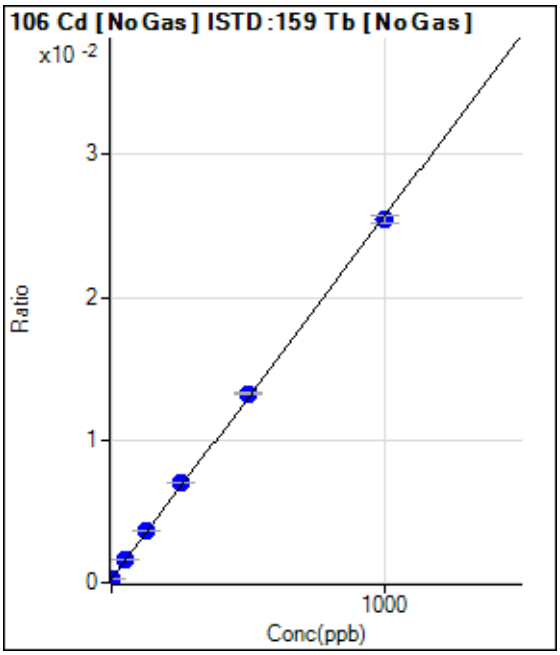
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	8.4
2	☐	5.000	4.391	24614.17	0.0028	P	2.1
3	☐	500.000	504.460	2904035.68	0.3158	A	3.7
4	☐	1250.000	1281.161	7525369.61	0.8020	A	1.7
5	☐	2500.000	2534.775	15035559.64	1.5867	A	0.9
6	☐	5000.000	4992.333	30125898.16	3.1251	A	0.9
7	☐	10000.000	9991.022	60744212.98	6.2542	A	0.6
8	☐			9848.97	0.0010	P	9.7

y = 6.2598E-004 * x + 1.2178E-005
R = 1.0000
DL = 0.004883
BEC = 0.01945

Weight: <None>
Min Conc: 0

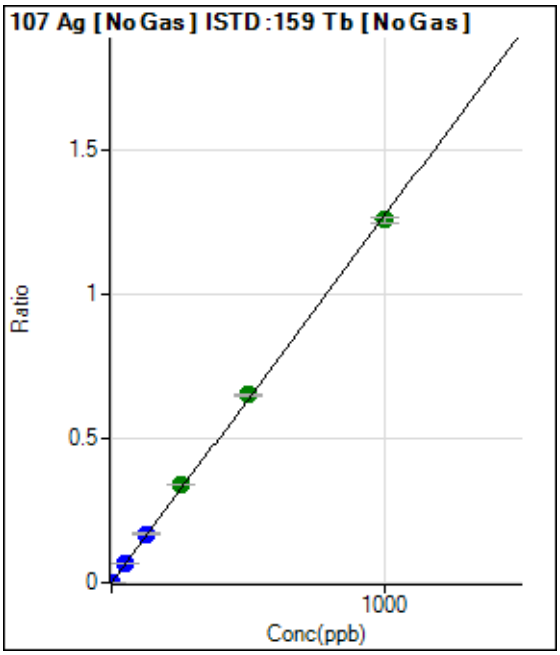


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1483.42	0.0003	P	7.4
2	☐	1.000	1.339	1716.79	0.0003	P	7.6
3	☐	50.000	54.577	9696.64	0.0017	P	2.3
4	☐	125.000	132.195	21875.42	0.0036	P	0.8
5	☐	250.000	264.399	42802.94	0.0070	P	1.3
6	☐	500.000	510.470	83512.91	0.0132	P	1.1
7	☐	1000.000	990.037	164098.05	0.0254	P	2.2
8	☐			1616.77	0.0003	P	4.1

y = 2.5415E-005 * x + 2.6703E-004
R = 0.9998
DL = 2.342
BEC = 10.51

Weight: <None>
Min Conc: 0

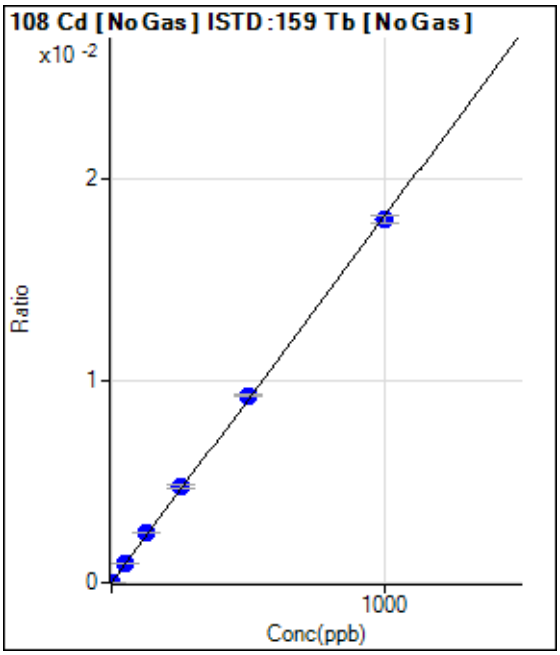
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	33.3
2	☐	1.000	0.953	6970.62	0.0012	P	0.6
3	☐	50.000	53.995	402251.63	0.0686	P	2.1
4	☐	125.000	133.531	1023816.37	0.1697	P	0.6
5	☐	250.000	266.770	2077434.17	0.3391	A	1.1
6	☐	500.000	511.252	4098327.96	0.6498	A	1.3
7	☐	1000.000	988.915	8111354.32	1.2569	A	1.5
8	☐			1162.28	0.0002	P	4.2

y = 0.0013 * x + 1.0515E-005
R = 0.9997
DL = 0.008275
BEC = 0.008273

Weight: <None>
Min Conc: 0

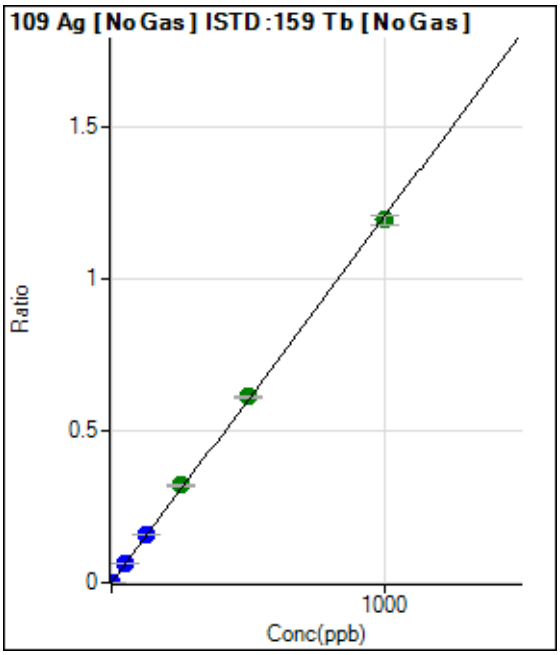


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	42.6
2	☐	1.000	1.199	136.67	0.0000	P	16.4
3	☐	50.000	53.736	5728.96	0.0010	P	2.9
4	☐	125.000	136.037	14901.08	0.0025	P	1.0
5	☐	250.000	260.980	29025.80	0.0047	P	3.9
6	☐	500.000	510.809	58464.01	0.0093	P	0.9
7	☐	1000.000	990.284	115950.18	0.0180	P	2.2
8	☐			58.89	0.0000	P	16.6

y = 1.8142E-005 * x + 2.2213E-006
R = 0.9998
DL = 0.1563
BEC = 0.1224

Weight: <None>
Min Conc: 0

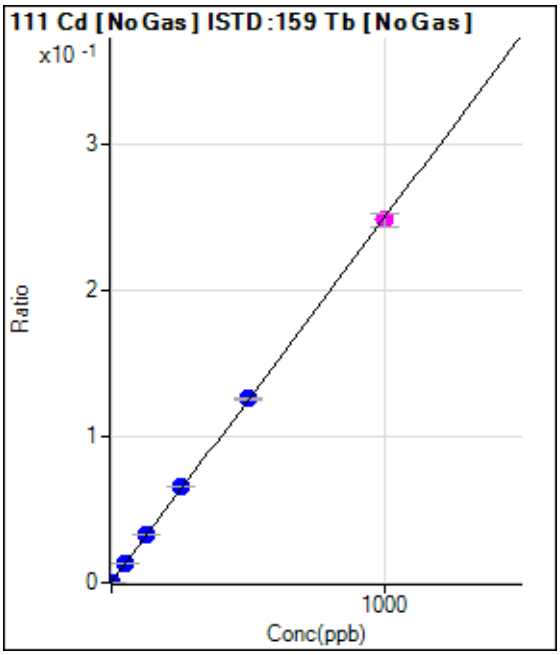
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0000	P	58.6
2	☐	1.000	0.909	6270.29	0.0011	P	0.4
3	☐	50.000	53.795	379768.31	0.0648	P	1.4
4	☐	125.000	132.396	961727.96	0.1594	P	0.2
5	☐	250.000	265.781	1960917.82	0.3201	A	0.8
6	☐	500.000	507.451	3854133.28	0.6111	A	1.3
7	☐	1000.000	991.215	7702784.19	1.1936	A	2.4
8	☐			1087.83	0.0002	P	10.4

y = 0.0012 * x + 4.5877E-006
R = 0.9998
DL = 0.006692
BEC = 0.00381

Weight: <None>
Min Conc: 0

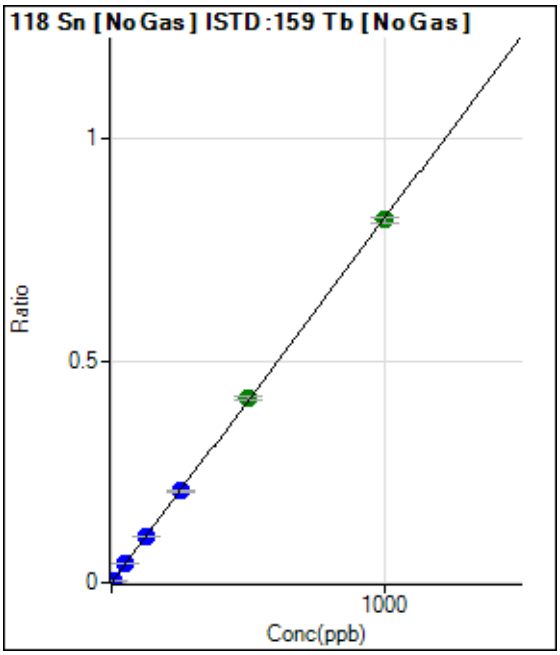


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1035.40	0.0002	P	6.9
2	☐	1.000	1.097	2621.74	0.0005	P	5.9
3	☐	50.000	54.231	80305.82	0.0137	P	1.2
4	☐	125.000	133.000	201054.36	0.0333	P	0.1
5	☐	250.000	261.902	400986.45	0.0655	P	1.0
6	☐	500.000	503.484	792547.04	0.1257	P	1.5
7	☐	1000.000	994.071	1599704.74	0.2479	M	3.7
8	☐			1407.19	0.0002	P	4.4

y = 2.4921E-004 * x + 1.8639E-004
R = 0.9999
DL = 0.1538
BEC = 0.7479

Weight: <None>
Min Conc: 0

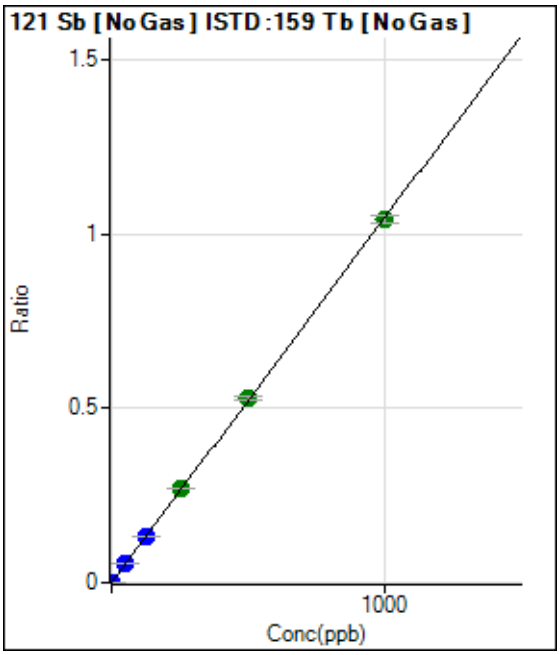
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1197.84	0.0002	P	14.5
2	☐	5.000	4.723	23336.79	0.0041	P	2.1
3	☐	50.000	51.565	249277.71	0.0425	P	1.3
4	☐	125.000	127.925	634353.60	0.1052	P	0.8
5	☐	250.000	250.714	1261487.80	0.2059	P	1.6
6	☐	500.000	507.146	2625400.78	0.4163	A	2.1
7	☐	1000.000	995.806	5273524.51	0.8172	A	1.4
8	☐			3816.10	0.0006	P	1.9

y = 8.2038E-004 * x + 2.1708E-004
R = 1.0000
DL = 0.1153
BEC = 0.2646

Weight: <None>
Min Conc: 0

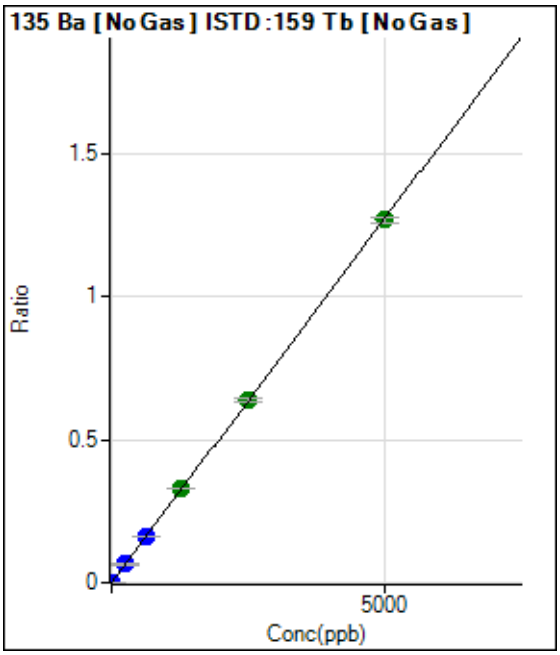


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0000	P	49.7
2	☐	2.000	1.965	11760.44	0.0021	P	1.9
3	☐	50.000	51.386	314917.26	0.0537	P	2.1
4	☐	125.000	127.779	806006.36	0.1336	P	0.7
5	☐	250.000	256.878	1645627.70	0.2686	A	0.7
6	☐	500.000	506.050	3337244.01	0.5291	A	1.5
7	☐	1000.000	994.839	6712772.05	1.0402	A	2.2
8	☐			5661.17	0.0009	P	2.1

y = 0.0010 * x + 7.2546E-006
R = 0.9999
DL = 0.01035
BEC = 0.006938

Weight: <None>
Min Conc: 0

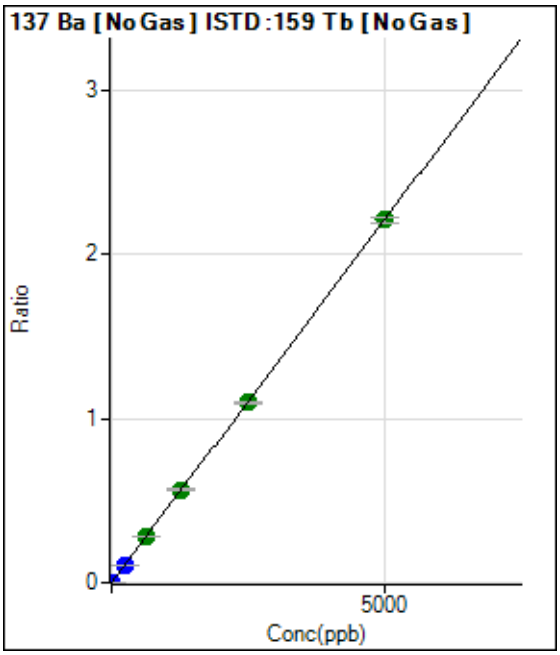
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.45	0.0000	P	14.0
2	☐	10.000	9.325	13566.56	0.0024	P	1.5
3	☐	250.000	251.303	374276.76	0.0639	P	2.6
4	☐	625.000	625.261	958245.62	0.1589	P	0.6
5	☐	1250.000	1296.400	2017679.85	0.3294	A	0.8
6	☐	2500.000	2504.175	4012467.47	0.6362	A	1.6
7	☐	5000.000	4986.216	8174638.07	1.2667	A	1.7
8	☐			3489.35	0.0006	P	3.5

y = 2.5404E-004 * x + 9.8393E-006
R = 0.9999
DL = 0.01621
BEC = 0.03873

Weight: <None>
Min Conc: 0

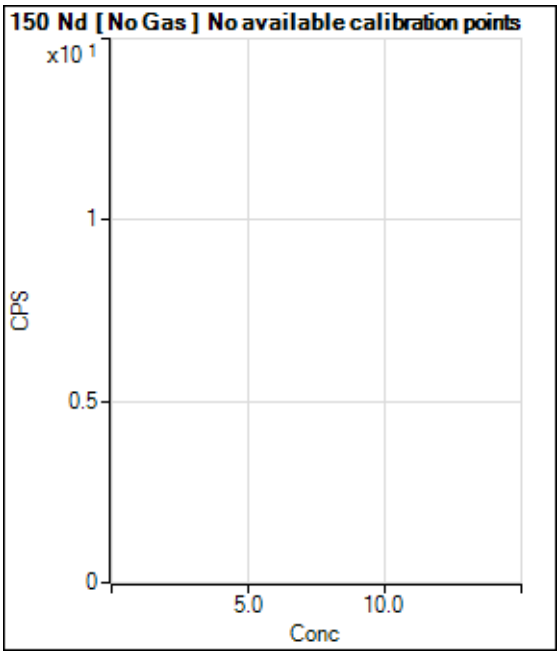


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	44.8
2	☐	10.000	9.197	23261.29	0.0041	P	0.6
3	☐	250.000	249.461	646587.75	0.1103	P	1.7
4	☐	625.000	640.571	1708140.18	0.2832	A	0.1
5	☐	1250.000	1283.104	3474721.55	0.5672	A	1.9
6	☐	2500.000	2478.883	6911776.29	1.0958	A	1.4
7	☐	5000.000	5000.364	14264776.18	2.2105	A	1.8
8	☐			5904.62	0.0009	P	3.2

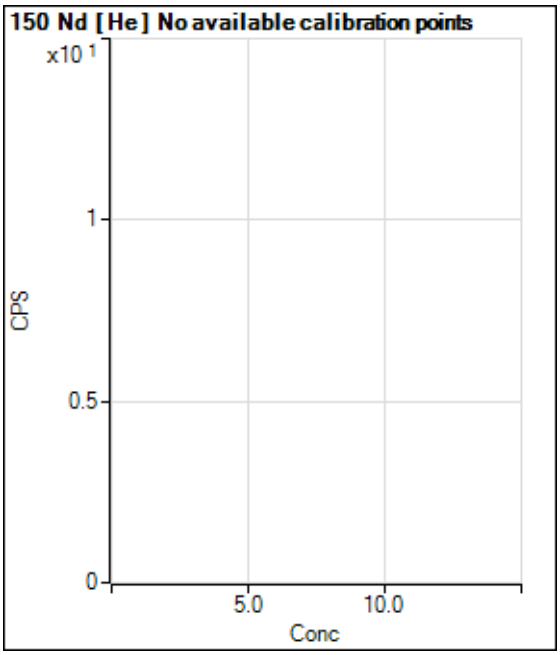
y = 4.4206E-004 * x + 1.3166E-005
R = 1.0000
DL = 0.04007
BEC = 0.02978

Weight: <None>
Min Conc: 0

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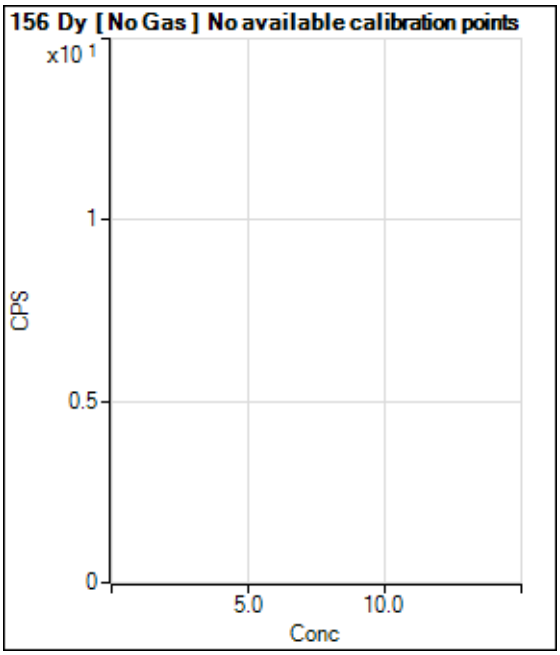


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	66.7
2	☐			10.00		P	66.7
3	☐			22.22		P	34.7
4	☐			46.67		P	44.6
5	☐			81.11		P	19.0
6	☐			150.00		P	5.9
7	☐			294.45		P	17.0
8	☐			115.56		P	10.9

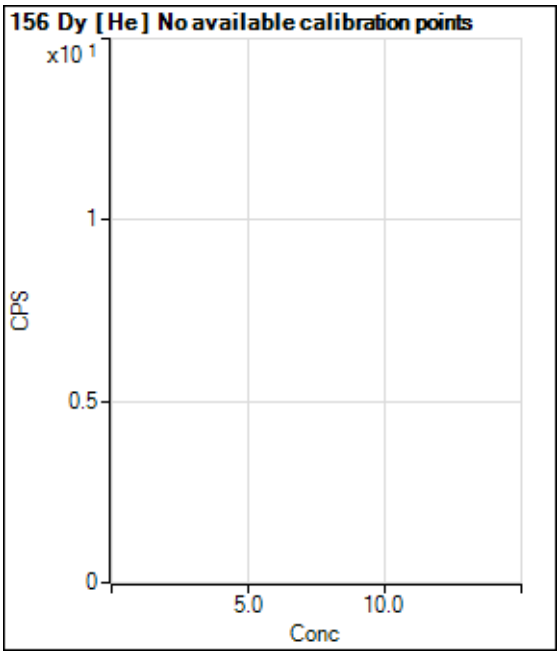


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.
2	☐			5.55		P	69.3
3	☐			10.00		P	33.3
4	☐			11.11		P	17.3
5	☐			18.89		P	71.3
6	☐			54.44		P	27.6
7	☐			76.66		P	15.1
8	☐			68.89		P	5.6

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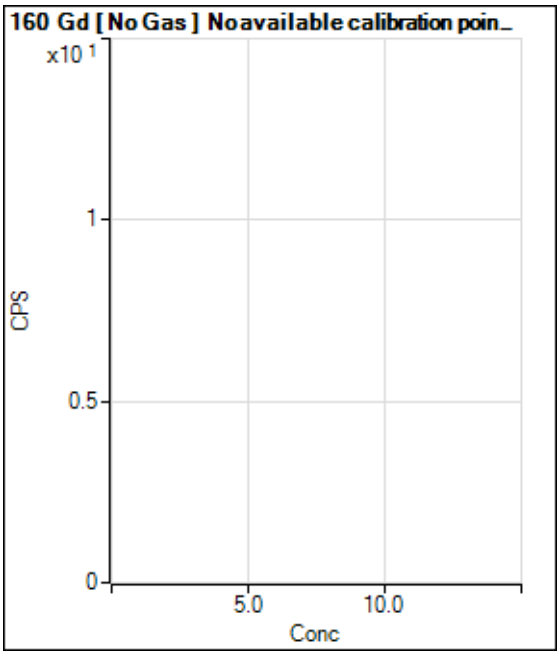


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			296.67		P	15.7
2	☐			273.34		P	14.1
3	☐			265.56		P	12.6
4	☐			548.90		P	2.9
5	☐			386.68		P	13.7
6	☐			378.90		P	1.0
7	☐			501.13		P	8.9
8	☐			577.79		P	5.0

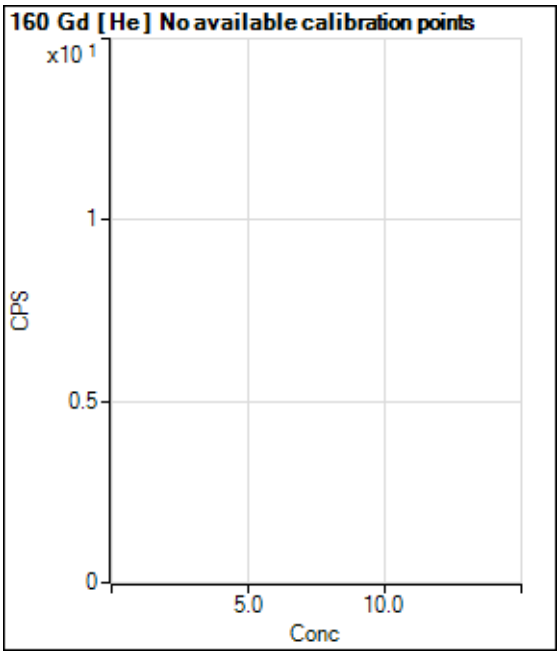


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			70.00		P	21.8
2	☐			77.78		P	19.8
3	☐			83.33		P	24.3
4	☐			353.34		P	4.1
5	☐			185.56		P	12.2
6	☐			264.45		P	3.9
7	☐			505.57		P	3.3
8	☐			270.00		P	3.3

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On:10/28/2024 4:54:16 PM
Inst Id :P7

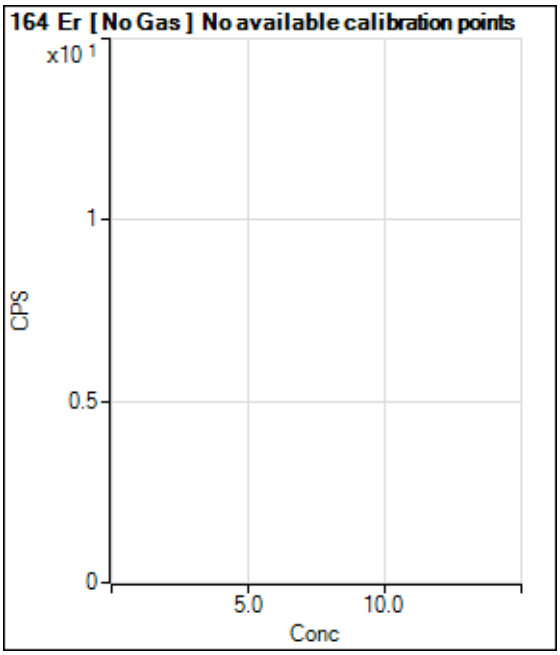


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			26.66		P	43.3
2	☐			26.67		P	12.5
3	☐			27.78		P	18.3
4	☐			42.22		P	16.4
5	☐			37.78		P	28.4
6	☐			55.56		P	36.2
7	☐			92.22		P	11.0
8	☐			235.56		P	7.0

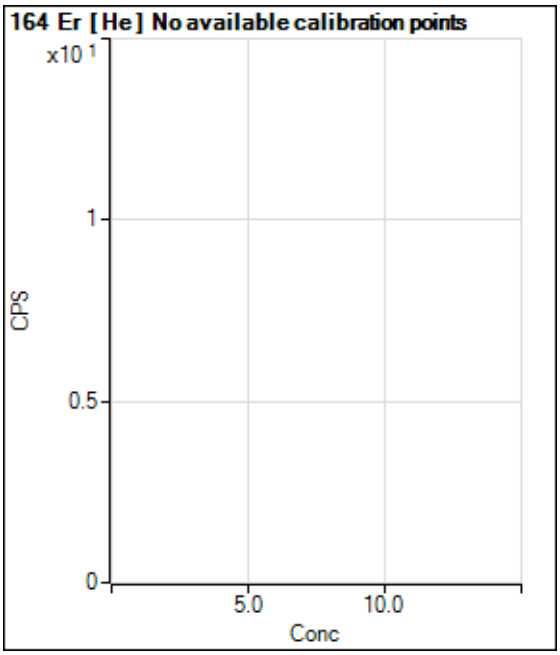


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			174.45		P	4.0
2	☐			186.67		P	13.5
3	☐			203.33		P	7.5
4	☐			197.78		P	2.6
5	☐			208.89		P	3.7
6	☐			225.56		P	11.2
7	☐			230.00		P	14.7
8	☐			380.01		P	12.9

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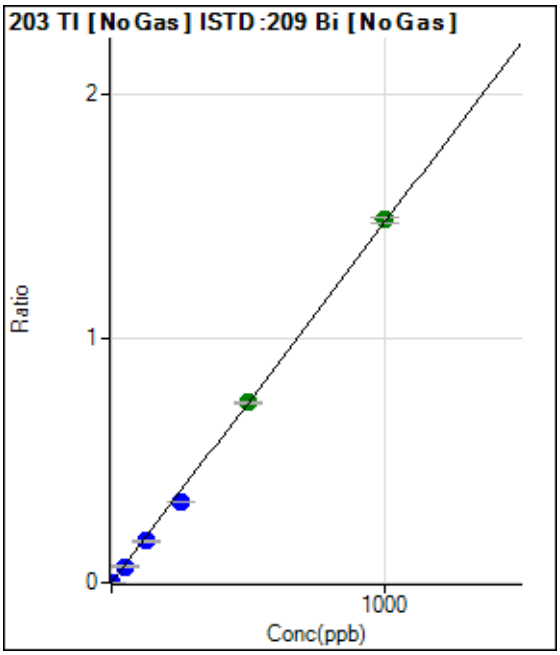


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			34.44		P	14.8
2	☐			47.78		P	10.7
3	☐			50.00		P	23.1
4	☐			63.33		P	10.5
5	☐			53.33		P	41.0
6	☐			83.33		P	32.7
7	☐			107.78		P	9.4
8	☐			253.34		P	9.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			25.56		P	32.8
2	☐			25.55		P	27.1
3	☐			31.11		P	48.3
4	☐			38.89		P	17.8
5	☐			40.00		P	14.4
6	☐			64.45		P	39.5
7	☐			60.00		P	20.0
8	☐			184.45		P	5.2

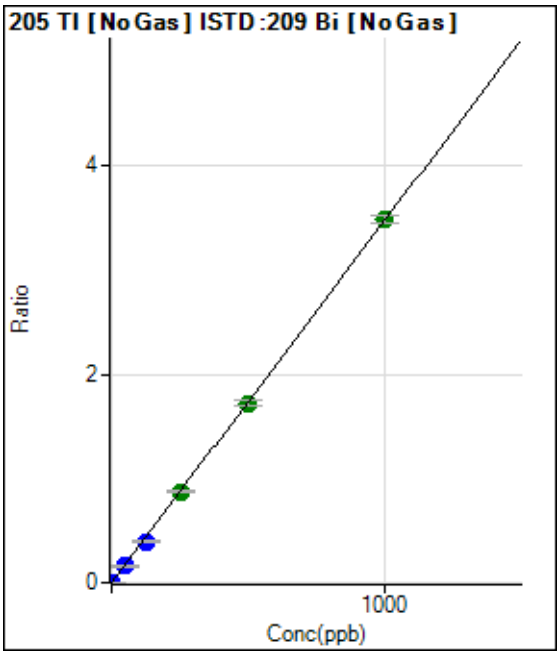
Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	34.9
2	☐	1.000	0.832	4112.89	0.0013	P	1.2
3	☐	50.000	44.841	224222.57	0.0661	P	3.7
4	☐	125.000	115.026	585618.98	0.1696	P	0.4
5	☐	250.000	225.307	1174202.75	0.3321	P	1.2
6	☐	500.000	499.665	2659531.21	0.7365	A	1.5
7	☐	1000.000	1007.845	5442174.36	1.4856	A	1.5
8	☐			793.37	0.0002	P	10.0

y = 0.0015 * x + 2.8163E-005
R = 0.9997
DL = 0.02003
BEC = 0.01911

Weight: <None>
Min Conc: 0

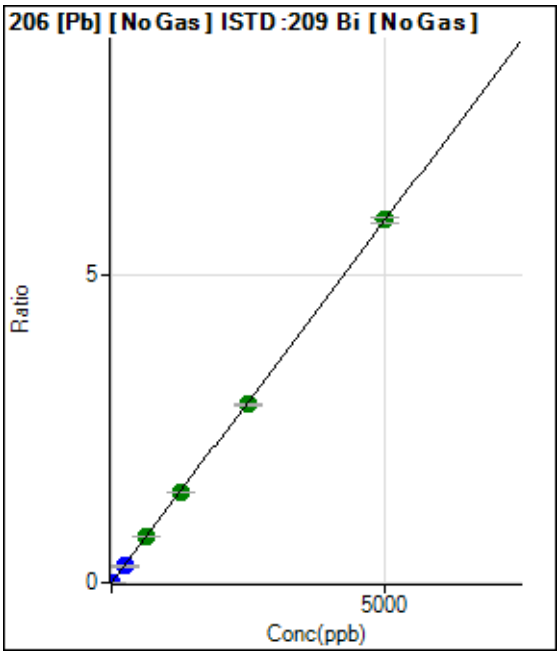


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	181.11	0.0001	P	15.6
2	☐	1.000	0.852	9888.14	0.0030	P	0.9
3	☐	50.000	45.290	533700.43	0.1574	P	2.9
4	☐	125.000	114.151	1369699.04	0.3966	P	1.2
5	☐	250.000	251.409	3087817.00	0.8734	A	1.3
6	☐	500.000	496.937	6233518.66	1.7263	A	2.6
7	☐	1000.000	1002.771	12761056.89	3.4835	A	2.1
8	☐			1872.37	0.0006	P	10.4

y = 0.0035 * x + 5.7076E-005
R = 0.9999
DL = 0.007714
BEC = 0.01643

Weight: <None>
Min Conc: 0

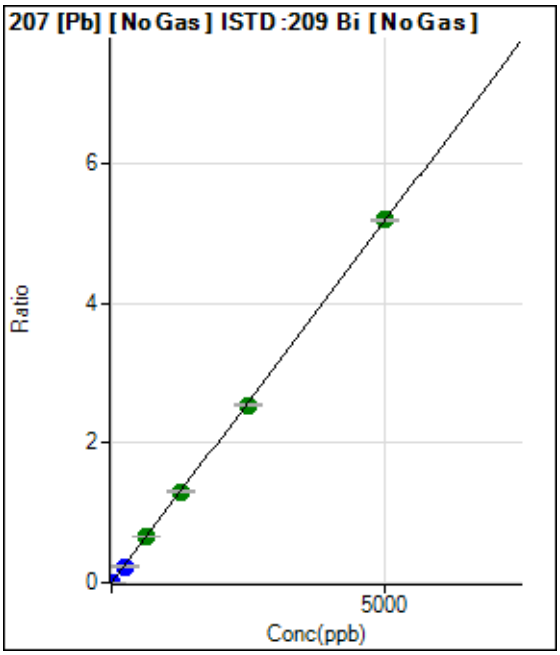
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	330.01	0.0001	P	16.5
2	☐	1.000	0.859	3660.52	0.0011	P	2.4
3	☐	250.000	227.152	907652.96	0.2679	P	7.2
4	☐	625.000	632.781	2576686.19	0.7461	A	1.1
5	☐	1250.000	1247.750	5201548.84	1.4712	A	1.5
6	☐	2500.000	2469.838	10514484.84	2.9119	A	0.9
7	☐	5000.000	5015.813	21663125.23	5.9135	A	1.3
8	☐			4948.74	0.0015	P	1.3

y = 0.0012 * x + 1.0380E-004
R = 1.0000
DL = 0.04352
BEC = 0.08804

Weight: <None>
Min Conc: 0

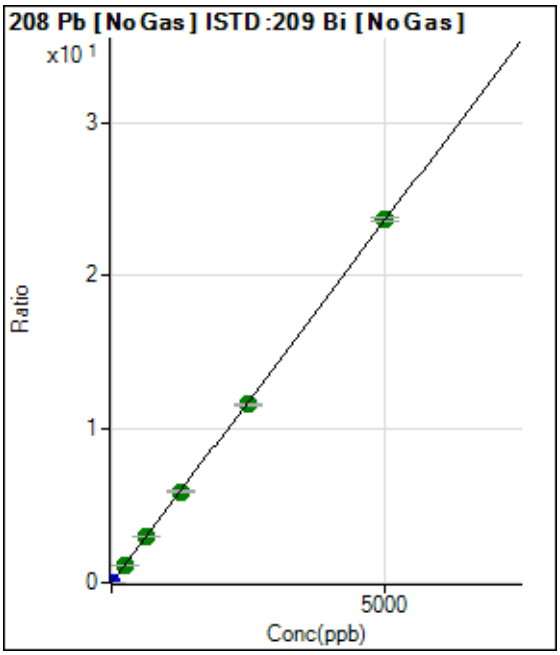


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.89	0.0001	P	16.7
2	☐	1.000	0.865	3203.74	0.0010	P	2.2
3	☐	250.000	225.624	792833.43	0.2338	P	4.4
4	☐	625.000	639.397	2287864.97	0.6625	A	0.5
5	☐	1250.000	1259.640	4614267.71	1.3050	A	1.8
6	☐	2500.000	2453.122	9176485.21	2.5415	A	1.0
7	☐	5000.000	5020.448	19053416.80	5.2012	A	0.7
8	☐			4419.65	0.0013	P	1.2

y = 0.0010 * x + 8.1093E-005
R = 0.9999
DL = 0.03921
BEC = 0.07828

Weight: <None>
Min Conc: 0

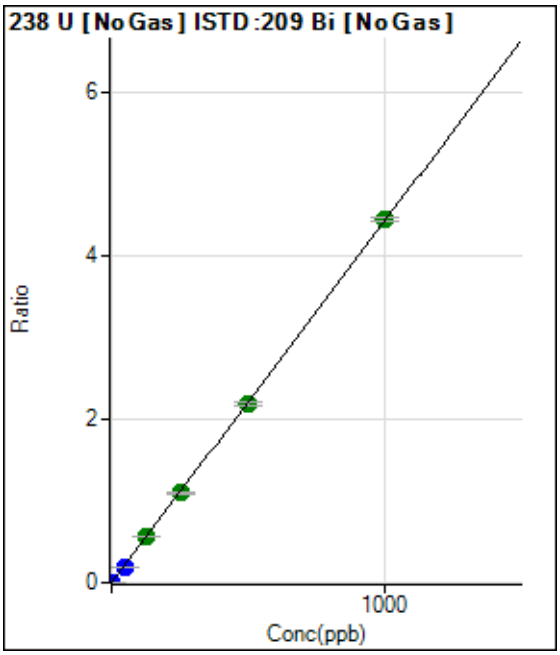
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1270.03	0.0004	P	3.6
2	☐	1.000	0.845	14361.95	0.0044	P	1.5
3	☐	250.000	239.920	3836823.17	1.1317	A	4.5
4	☐	625.000	634.045	10326028.86	2.9901	A	0.4
5	☐	1250.000	1252.828	20887996.11	5.9078	A	1.6
6	☐	2500.000	2467.871	42018483.89	11.6370	A	1.0
7	☐	5000.000	5014.731	86622708.58	23.6461	A	1.1
8	☐			19908.13	0.0059	P	1.0

y = 0.0047 * x + 3.9885E-004
R = 1.0000
DL = 0.009162
BEC = 0.08459

Weight: <None>
Min Conc: 0

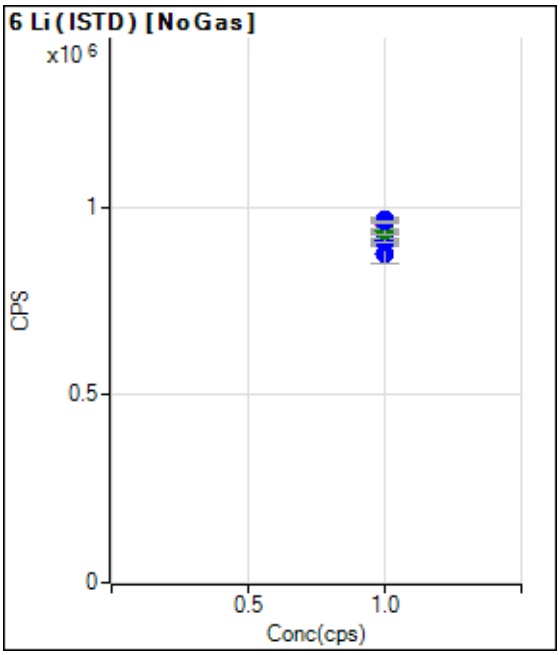


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0000	P	55.6
2	☐	1.000	0.813	11809.76	0.0036	P	3.0
3	☐	50.000	43.561	653203.10	0.1927	P	4.6
4	☐	125.000	126.072	1925746.99	0.5577	A	1.6
5	☐	250.000	249.441	3900617.86	1.1033	A	2.4
6	☐	500.000	493.206	7877105.37	2.1816	A	1.9
7	☐	1000.000	1003.725	16263936.70	4.4397	A	0.9
8	☐			1078.95	0.0003	P	18.0

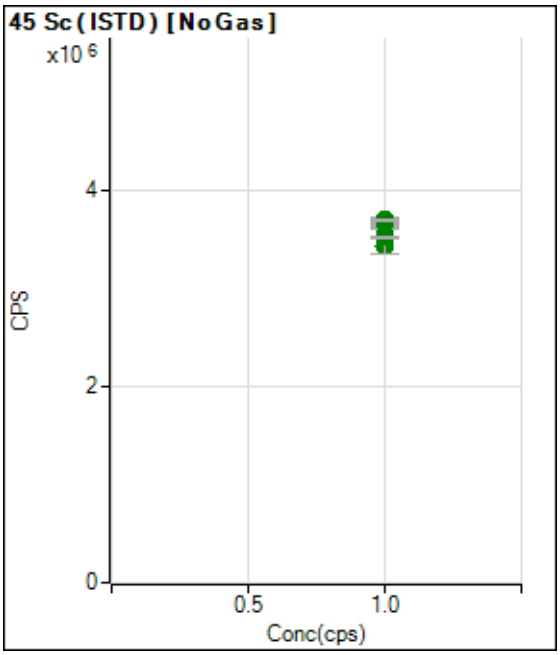
y = 0.0044 * x + 6.0182E-006
R = 0.9999
DL = 0.002269
BEC = 0.001361

Weight: <None>
Min Conc: 0

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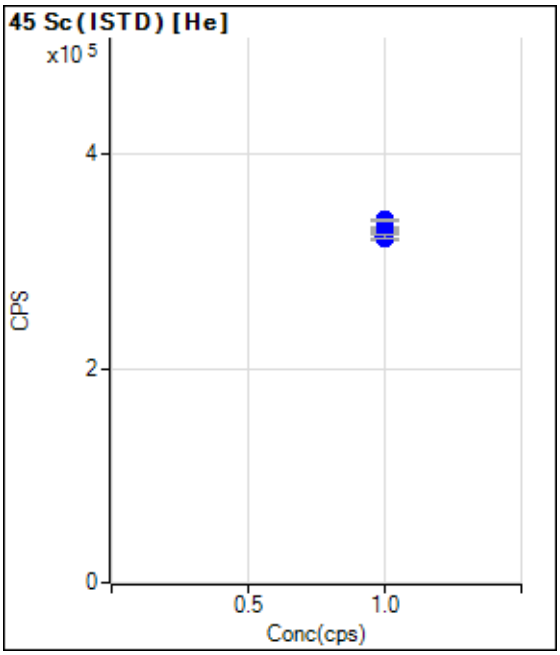


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		873828.15		P	5.1
2	☐	1.000		905885.39		P	1.6
3	☐	1.000		912107.84		P	1.4
4	☐	1.000		935670.17		P	0.7
5	☐	1.000		965663.68		P	0.7
6	☐	1.000		954481.02		M	3.6
7	☐	1.000		934549.72		A	1.6
8	☐	1.000		961004.45		P	0.4

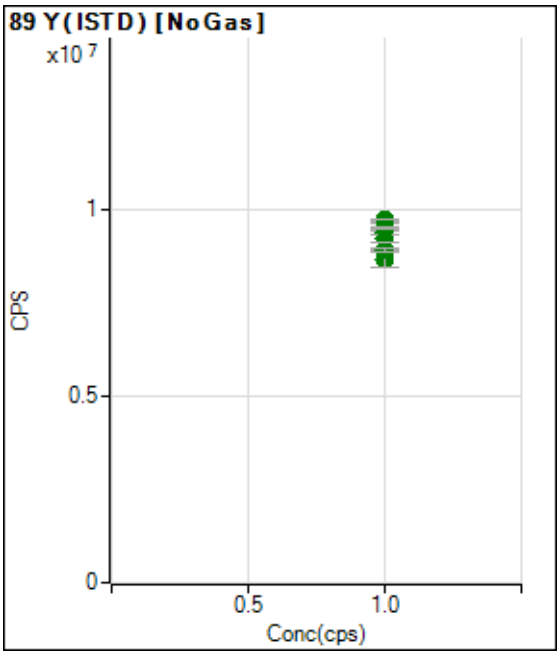


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3444407.55		A	5.2
2	☐	1.000		3526193.31		A	0.5
3	☐	1.000		3632512.90		A	0.2
4	☐	1.000		3645074.08		A	1.2
5	☐	1.000		3671383.00		A	0.5
6	☐	1.000		3683131.37		A	1.8
7	☐	1.000		3701938.21		A	1.5
8	☐	1.000		3705885.50		A	0.3

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

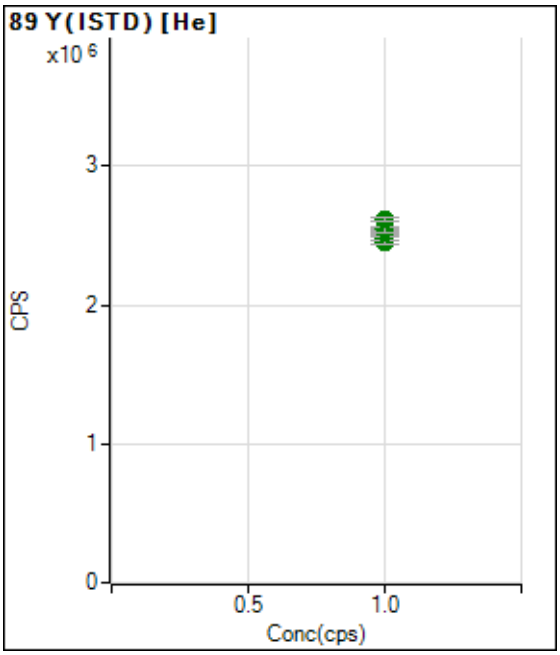


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1	☐	1.000		320950.42		P	0.4
2	☐	1.000		323431.91		P	0.9
3	☐	1.000		330994.42		P	0.7
4	☐	1.000		329429.58		P	0.7
5	☐	1.000		326618.50		P	0.6
6	☐	1.000		323933.74		P	1.3
7	☐	1.000		324115.21		P	1.1
8	☐	1.000		338981.23		P	0.5

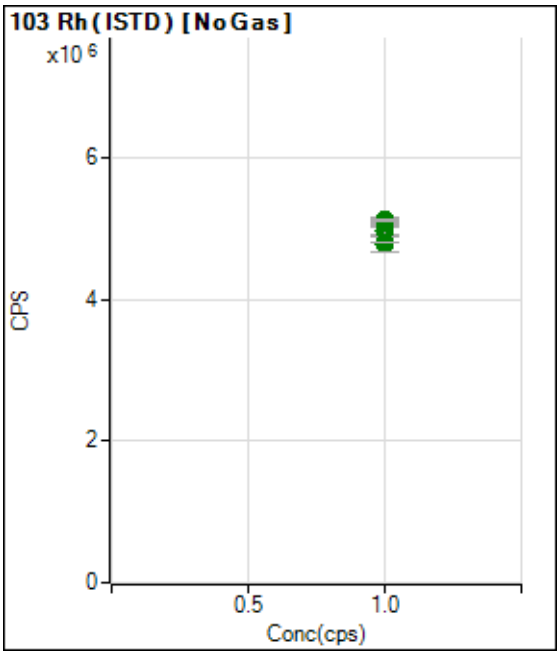


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8673815.85		A	5.5
2	☐	1.000		8914547.51		A	1.5
3	☐	1.000		9200848.61		A	2.1
4	☐	1.000		9382963.75		A	1.6
5	☐	1.000		9475575.34		A	1.0
6	☐	1.000		9639932.22		A	0.4
7	☐	1.000		9712541.24		A	0.1
8	☐	1.000		9477026.32		A	0.5

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

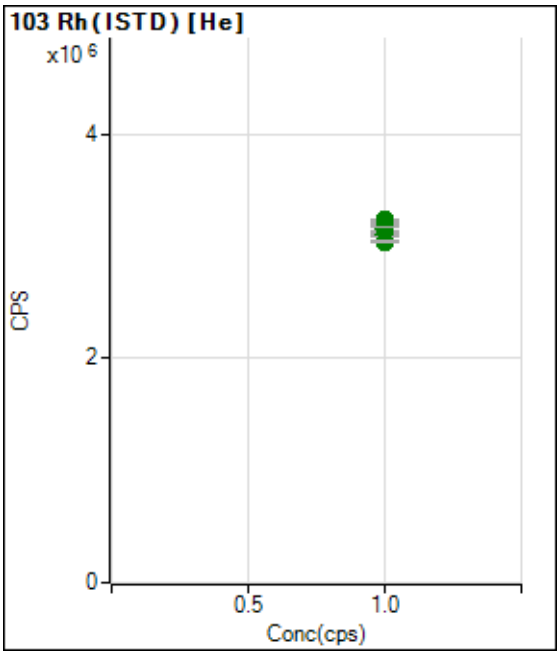


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1	☐	1.000		2486620.12		A	1.1
2	☐	1.000		2447930.03		A	1.3
3	☐	1.000		2516822.25		A	0.9
4	☐	1.000		2520838.02		A	1.2
5	☐	1.000		2546932.06		A	1.4
6	☐	1.000		2526364.39		A	2.2
7	☐	1.000		2545687.69		A	1.7
8	☐	1.000		2614308.21		A	1.2

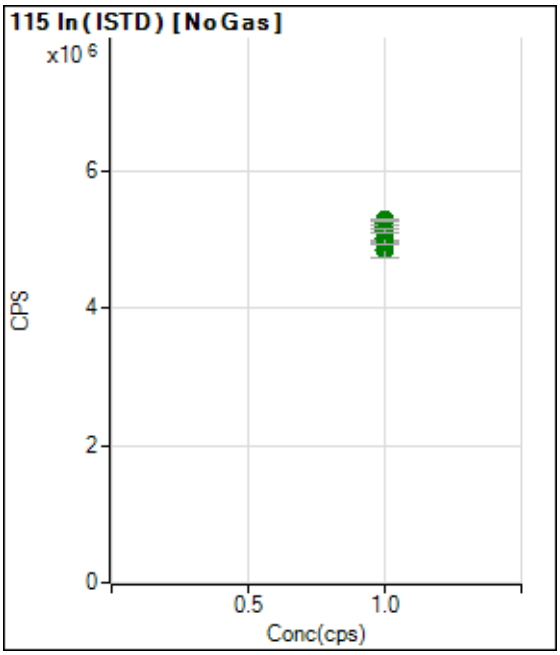


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4801271.07		A	4.9
2	☐	1.000		4907938.78		A	0.5
3	☐	1.000		4971802.60		A	2.8
4	☐	1.000		5093763.78		A	1.2
5	☐	1.000		5133579.23		A	0.7
6	☐	1.000		5123865.13		A	1.3
7	☐	1.000		5120356.14		A	0.6
8	☐	1.000		4813184.09		A	0.4

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

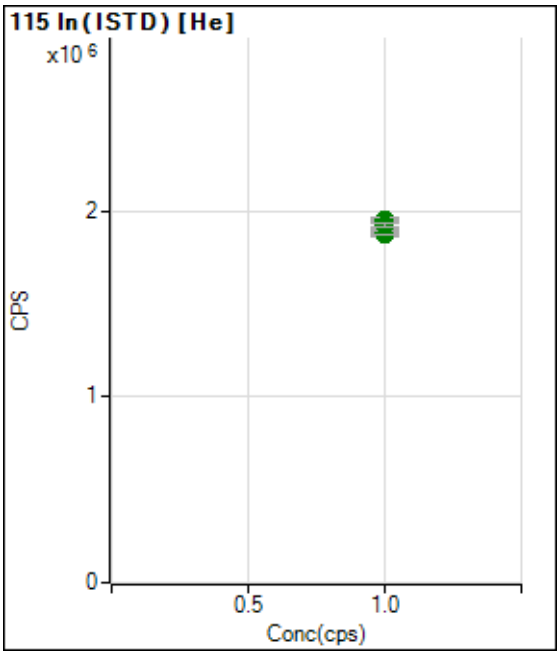


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1	☐	1.000		3110763.57		A	0.4
2	☐	1.000		3110120.30		A	1.1
3	☐	1.000		3236526.13		A	0.7
4	☐	1.000		3214015.85		A	0.5
5	☐	1.000		3205652.76		A	0.4
6	☐	1.000		3161141.06		A	1.7
7	☐	1.000		3173194.50		A	0.4
8	☐	1.000		3043308.88		A	0.3

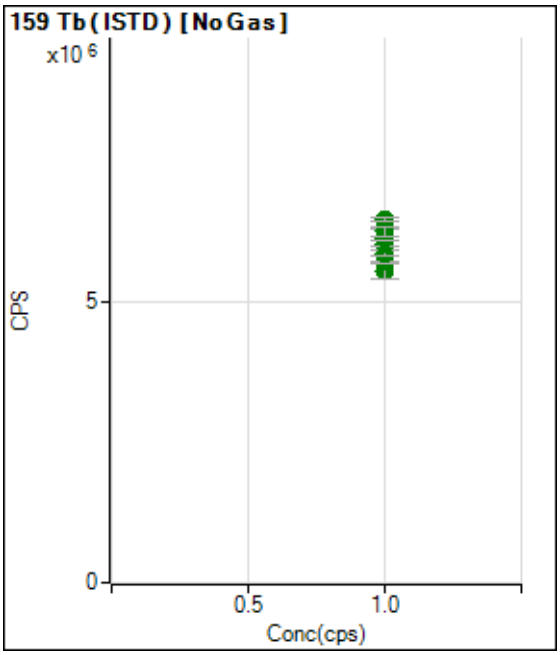


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4858510.35		A	4.5
2	☐	1.000		4970680.76		A	0.5
3	☐	1.000		5023086.90		A	3.3
4	☐	1.000		5186240.27		A	1.5
5	☐	1.000		5195670.14		A	1.2
6	☐	1.000		5252048.44		A	1.3
7	☐	1.000		5291557.88		A	0.7
8	☐	1.000		5130760.96		A	1.3

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

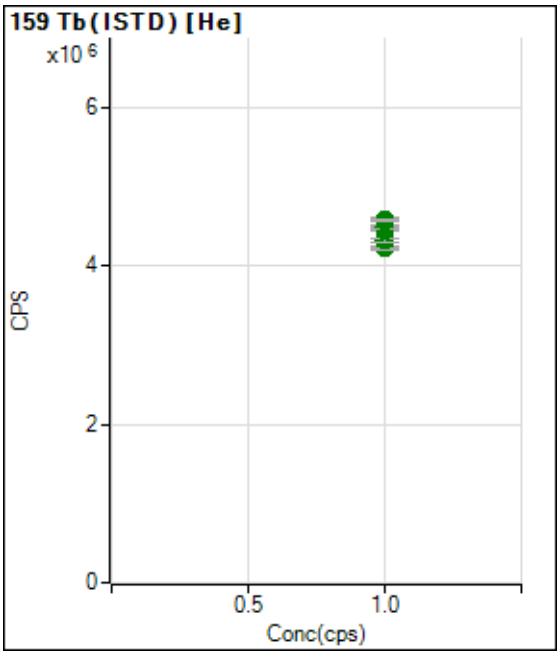


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1876041.11		A	1.2
2	☐	1.000		1880788.41		A	1.4
3	☐	1.000		1946333.25		A	0.6
4	☐	1.000		1951876.93		A	1.6
5	☐	1.000		1949563.80		A	1.2
6	☐	1.000		1892210.79		A	1.6
7	☐	1.000		1879317.64		A	1.2
8	☐	1.000		1924710.33		A	1.5

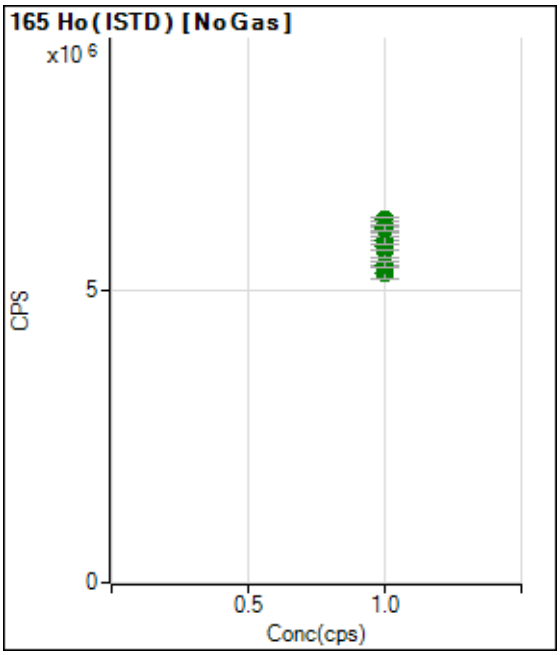


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5545336.24		A	5.2
2	☐	1.000		5702875.26		A	0.5
3	☐	1.000		5861810.05		A	1.8
4	☐	1.000		6031998.52		A	1.6
5	☐	1.000		6126453.10		A	1.0
6	☐	1.000		6307381.85		A	0.9
7	☐	1.000		6454092.96		A	1.0
8	☐	1.000		6252071.09		A	2.9

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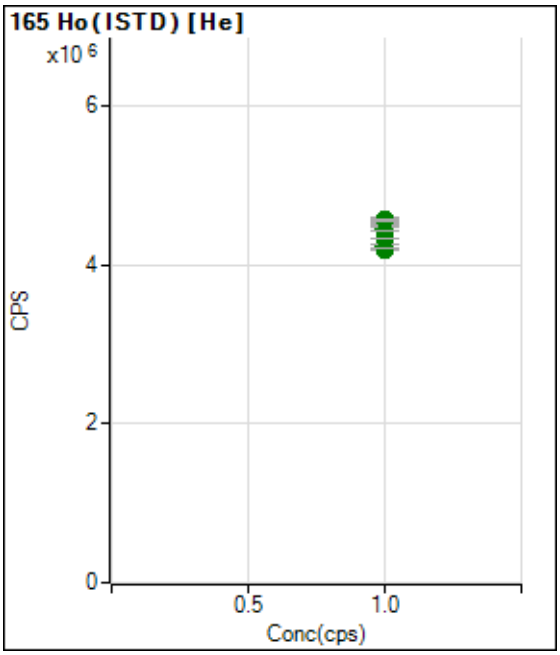


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1	☐	1.000		4216193.72		A	1.2
2	☐	1.000		4213640.08		A	0.8
3	☐	1.000		4329969.87		A	1.0
4	☐	1.000		4478076.60		A	0.1
5	☐	1.000		4438019.00		A	0.2
6	☐	1.000		4491364.38		A	0.8
7	☐	1.000		4580999.58		A	1.0
8	☐	1.000		4570240.35		A	0.7

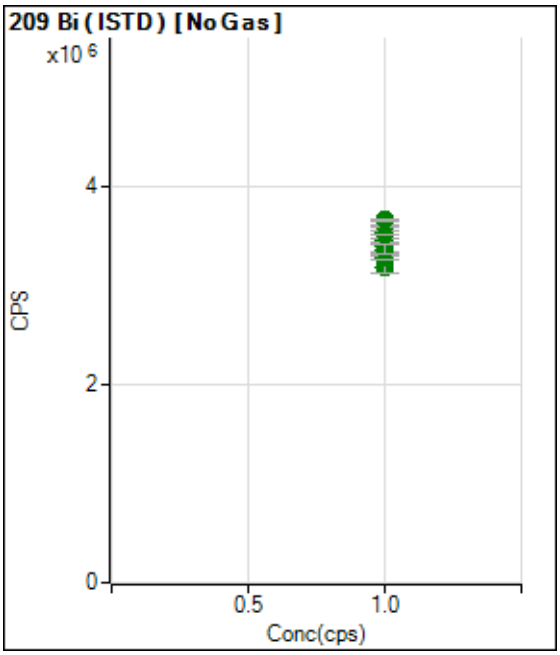


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5317013.70		A	4.6
2	☐	1.000		5447506.31		A	1.9
3	☐	1.000		5686117.83		A	3.6
4	☐	1.000		5781458.25		A	2.6
5	☐	1.000		5858574.50		A	2.3
6	☐	1.000		6055844.91		A	1.6
7	☐	1.000		6217041.51		A	1.0
8	☐	1.000		6084528.17		A	1.7

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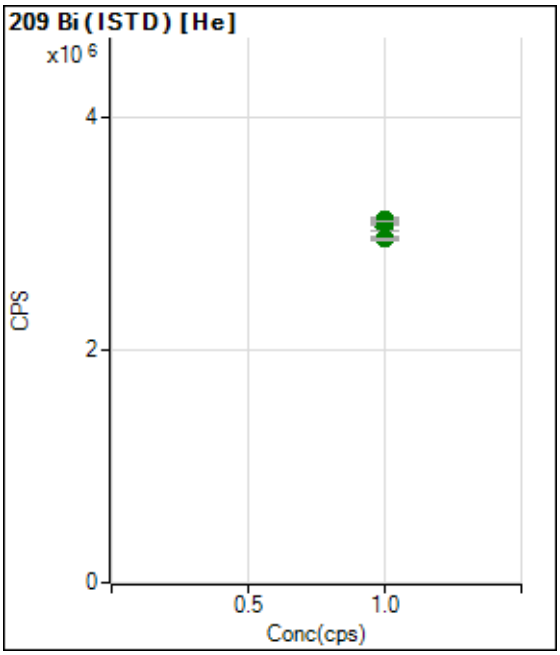


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4199566.19		A	0.6
2	☐	1.000		4241943.20		A	0.8
3	☐	1.000		4335065.91		A	0.4
4	☐	1.000		4456230.38		A	1.4
5	☐	1.000		4462368.65		A	1.0
6	☐	1.000		4543558.02		A	1.4
7	☐	1.000		4567526.53		A	1.5
8	☐	1.000		4567628.23		A	0.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3186934.57		A	4.4
2	☐	1.000		3277501.48		A	0.9
3	☐	1.000		3392959.54		A	3.1
4	☐	1.000		3453307.34		A	1.3
5	☐	1.000		3535417.62		A	0.9
6	☐	1.000		3610798.70		A	0.5
7	☐	1.000		3663265.75		A	0.2
8	☐	1.000		3367555.02		A	2.6

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2967749.57		A	1.1
2	☐	1.000		2970781.10		A	0.2
3	☐	1.000		3056144.99		A	1.3
4	☐	1.000		3116756.55		A	1.7
5	☐	1.000		3122854.40		A	0.9
6	☐	1.000		3110429.68		A	1.0
7	☐	1.000		3105622.14		A	0.0
8	☐	1.000		2956289.02		A	0.2

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7
ClientSampleId :TUNE002

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7102724MS3.b
Acq. Date-Time	2024-10-27 15:19:29
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		7725	77245.04			1.027	5.000
24		223193	2231925.21			0.941	5.000
25		29899	298985.06			0.491	5.000
26		35195	351947.99			0.324	5.000
59		52002	520023.55			0.308	5.000
113		3346	33463.49			1.666	5.000
115		74850	748503.91			1.604	5.000
206		12728	127281.51			1.842	5.000
207		10432	104315.61			1.867	5.000
208		25616	256161.63			1.709	5.000
220		1	12.50			16.733	

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	7815	7773	7746	7672	7617
24	220263	222508	225382	222726	225084
25	29666	29989	29840	30014	29983
26	35164	35367	35234	35149	35061
59	52159	52109	52067	51906	51771
113	3419	3384	3342	3297	3290
115	76527	75583	74531	74064	73547
206	13073	12851	12663	12552	12503
207	10743	10500	10315	10328	10271
208	26241	25845	25560	25259	25177

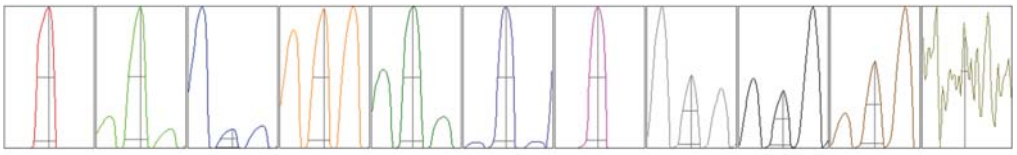
Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7
ClientSampleId :TUNE002

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	13910.83	9.00	8.90 - 9.10	
24	423464.02	24.00	23.90 - 24.10	
25	56546.37	25.00	24.90 - 25.10	
26	66950.59	26.00	25.90 - 26.10	
59	92308.57	58.90	58.90 - 59.10	
113	6516.71	112.95	112.90 - 113.10	
115	145002.77	114.95	114.90 - 115.10	
206	26502.03	206.00	205.90 - 206.10	
207	21788.84	207.00	206.90 - 207.10	
208	53335.76	208.00	207.90 - 208.10	
220	1.60	219.95	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.733	0.900	
24	0.57	0.777	0.900	
25	0.55	0.733	0.900	
26	0.54	0.734	0.900	
59	0.60	0.777	0.900	
113	0.53	0.721	0.900	
115	0.54	0.698	0.900	
206	0.50	0.734	0.900	
207	0.50	0.699	0.900	
208	0.49	0.765	0.900	
220	0.21			

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

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 L/min Dilution Gas 0.40 L/min

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7
ClientSampleId :TUNE002

US EPA Tune Check Report

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	9.6 V	Deflect	15.2 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-115 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	0.9979	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.06		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.6 mm		

EM

Discriminator	4.9 mV	Analog HV	2429 V	Pulse HV	2000 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		17973	179734.58			2.273	
89		88586	885861.41			2.834	
205		19869	198686.68			1.762	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	18183	18057	18243	17253	18132
89	92311	89830	86507	86336	87946
205	19777	19919	20191	19318	20138

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 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	10.6 V	Deflect	4.0 V

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7
ClientSampleId :TUNE002

US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-110 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	0.9979	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.06		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.6 mm		

EM

Discriminator	4.9 mV	Analog HV	2429 V	Pulse HV	2000 V

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 15:55:16	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.11	0.06	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	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.01	-0.02	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.04	-0.06	0.00	N/A	ppb
Cadmium	106-1	-0.76	0.80	-0.04	0.00	N/A	ppb
Cadmium	111-1	-0.05	0.05	0.00	0.00	N/A	ppb
Calcium	43-1	0.93	-1.84	0.91	0.00	N/A	ppb
Calcium	44-1	4.33	-2.76	-1.57	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.02	-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	0.01	0.00	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	-0.03	-0.05	0.08	0.00	N/A	ppb
Iron	57-2	-2.75	0.45	2.31	0.00	N/A	ppb
Iron	54-2	-0.23	-0.04	0.27	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 15:55:16	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.01	-0.02	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	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	0.11	-0.05	-0.06	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	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	0.01	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	-13.16	-11.25	-14.46	-12.96		ppb
Potassium	39-2	0.84	-1.38	0.55	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.00	-0.16	0.16	0.00	N/A	ppb
Selenium	77-2	-0.11	-0.11	0.21	0.00	N/A	ppb
Selenium	78-2	0.10	-1.05	0.95	0.00	N/A	ppb
Silicon	28-1	1.17	-0.67	-0.50	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	-0.33	-0.49	0.82	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	1020.36	-149.10	-370.11	167.05	447.29	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	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	0.04	-0.02	-0.02	0.00	N/A	ppb
Titanium	47-1	-0.03	0.02	0.02	0.00	N/A	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 15:55:16	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	0.03	-0.03	0.00	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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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 15:58:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.26	19.47	18.95	19.56	3.37	ppb
Antimony	121-1	1.93	2.00	1.96	1.97	1.92	ppb
Arsenic	75-2	0.94	0.90	1.01	0.95	6.03	ppb
Barium	135-1	9.19	9.32	9.47	9.33	1.55	ppb
Barium	137-1	9.23	9.13	9.24	9.20	0.64	ppb
Beryllium	9-1	1.02	0.98	0.96	0.99	2.83	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	1.00	1.17	1.20	18.09	ppb
Cadmium	106-1	2.24	1.35	0.43	1.34	67.54	ppb
Cadmium	111-1	1.20	1.11	0.98	1.10	9.85	ppb
Calcium	43-1	499.38	511.24	516.35	508.99	1.71	ppb
Calcium	44-1	516.05	525.44	519.24	520.25	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.89	1.87	1.92	3.14	ppb
Cobalt	59-2	1.01	1.03	1.03	1.02	0.88	ppb
Copper	63-2	1.84	1.84	1.88	1.85	1.16	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				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	53.75	52.62	52.44	52.94	1.34	ppb
Iron	57-2	49.52	52.30	58.63	53.48	8.73	ppb
Iron	54-2	56.12	54.33	55.15	55.20	1.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 15:58:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.88	0.83	0.86	2.63	ppb
Lead	207-1	0.85	0.86	0.89	0.87	2.43	ppb
Lead	208-1	0.83	0.86	0.85	0.84	1.66	ppb
Lithium	6-1				104		%
Magnesium	24-2	550.29	530.55	536.15	539.00	1.89	ppb
Manganese	55-2	1.01	0.93	1.04	0.99	5.46	ppb
Molybdenum	94-1	5.40	5.25	5.24	5.29	1.72	ppb
Molybdenum	95-1	4.46	4.40	4.38	4.42	0.99	ppb
Molybdenum	96-1	4.58	4.40	4.55	4.51	2.16	ppb
Molybdenum	97-1	4.42	4.38	4.42	4.41	0.61	ppb
Molybdenum	98-1	4.35	4.33	4.50	4.39	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	1.03	1.04	0.99	7.06	ppb
Phosphorus	31-2	9.61	15.33	13.94	12.96	23.02	ppb
Potassium	39-2	520.87	503.95	512.56	512.46	1.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	5.86	5.71	5.05	5.54	7.82	ppb
Selenium	77-2	4.70	7.03	3.84	5.19	31.82	ppb
Selenium	78-2	4.71	4.01	6.18	4.97	22.32	ppb
Silicon	28-1	0.21	0.20	-0.06	0.12	132.34	ppb
Silver	107-1	0.95	0.95	0.96	0.95	0.57	ppb
Silver	109-1	0.91	0.91	0.91	0.91	0.44	ppb
Sodium	23-2	516.57	505.12	512.24	511.31	1.13	ppb
Strontium	86-1	0.96	1.00	0.91	0.96	4.35	ppb
Strontium	88-1	0.98	1.00	0.97	0.98	1.77	ppb
Sulfur	34-1	-141.20	-202.82	-157.14	-167.05		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.84	0.84	0.82	0.83	1.22	ppb
Thallium	205-1	0.86	0.85	0.85	0.85	0.92	ppb
Tin	118-1	4.60	4.78	4.79	4.72	2.23	ppb
Titanium	47-1	4.57	4.43	4.45	4.48	1.63	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 15:58:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.80	0.84	0.81	3.03	ppb
Vanadium	51-2	4.95	4.80	4.84	4.86	1.55	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	4.63	4.29	4.56	4.49	4.03	ppb
Zirconium	90-1	0.98	0.94	0.98	0.97	2.28	ppb
Zirconium	91-1	1.04	0.97	0.89	0.97	7.81	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:01:54	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1224.64	1252.79	1250.22	1242.55	1.25	ppb
Antimony	121-1	52.61	50.63	50.92	51.39	2.08	ppb
Arsenic	75-2	51.84	51.61	51.37	51.60	0.46	ppb
Barium	135-1	250.62	245.22	258.06	251.30	2.57	ppb
Barium	137-1	246.67	254.20	247.52	249.46	1.65	ppb
Beryllium	9-1	51.42	51.55	55.91	52.96	4.82	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	52.33	53.45	55.43	53.74	2.93	ppb
Cadmium	106-1	54.49	56.09	53.15	54.58	2.70	ppb
Cadmium	111-1	54.60	53.48	54.61	54.23	1.20	ppb
Calcium	43-1	5966.88	6226.71	6102.23	6098.61	2.13	ppb
Calcium	44-1	5633.49	5509.11	5538.32	5560.31	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.20	51.91	52.03	52.05	0.27	ppb
Cobalt	59-2	51.28	51.94	51.53	51.58	0.65	ppb
Copper	63-2	519.61	520.43	520.84	520.29	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				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	2615.80	2687.94	2657.65	2653.80	1.36	ppb
Iron	57-2	2784.33	2796.28	2795.12	2791.91	0.24	ppb
Iron	54-2	2859.89	2870.31	2890.70	2873.63	0.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:01:54	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	217.48	217.88	246.10	227.15	7.22	ppb
Lead	207-1	215.04	226.86	234.98	225.62	4.44	ppb
Lead	208-1	229.43	239.31	251.01	239.92	4.50	ppb
Lithium	6-1				104		%
Magnesium	24-2	5233.67	5179.91	5166.56	5193.38	0.68	ppb
Manganese	55-2	520.07	521.84	521.50	521.13	0.18	ppb
Molybdenum	94-1	497.25	523.75	512.75	511.25	2.60	ppb
Molybdenum	95-1	504.94	517.36	527.96	516.75	2.23	ppb
Molybdenum	96-1	495.70	515.22	525.82	512.25	2.98	ppb
Molybdenum	97-1	484.10	511.71	528.18	507.99	4.38	ppb
Molybdenum	98-1	482.91	517.57	512.91	504.46	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.38	53.53	52.99	52.96	1.08	ppb
Phosphorus	31-2	1010.64	1017.02	1011.58	1013.08	0.34	ppb
Potassium	39-2	2752.51	2764.50	2767.61	2761.54	0.29	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	51.79	56.31	51.85	53.32	4.86	ppb
Selenium	77-2	50.89	48.95	52.80	50.88	3.78	ppb
Selenium	78-2	52.17	52.87	54.86	53.30	2.62	ppb
Silicon	28-1	58.88	58.88	60.92	59.56	1.98	ppb
Silver	107-1	54.98	52.79	54.22	54.00	2.06	ppb
Silver	109-1	53.82	54.55	53.02	53.79	1.43	ppb
Sodium	23-2	5220.52	5212.24	5197.76	5210.17	0.22	ppb
Strontium	86-1	1242.04	1361.47	1322.72	1308.75	4.66	ppb
Strontium	88-1	1255.09	1306.45	1296.58	1286.04	2.12	ppb
Sulfur	34-1	342.37	279.53	197.11	273.00	26.68	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	43.17	44.85	46.50	44.84	3.72	ppb
Thallium	205-1	44.96	44.19	46.71	45.29	2.85	ppb
Tin	118-1	51.05	52.34	51.31	51.57	1.32	ppb
Titanium	47-1	510.65	514.64	525.75	517.01	1.51	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:01:54	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	41.96	42.93	45.79	43.56	4.58	ppb
Vanadium	51-2	50.74	51.33	51.84	51.31	1.07	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	513.86	514.66	519.95	516.16	0.64	ppb
Zirconium	90-1	49.90	52.07	53.89	51.95	3.84	ppb
Zirconium	91-1	48.47	52.99	51.02	50.83	4.46	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:05:02	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2928.95	2882.84	2896.48	2902.75	0.82	ppb
Antimony	121-1	126.76	128.66	127.92	127.78	0.75	ppb
Arsenic	75-2	128.71	132.66	130.70	130.69	1.51	ppb
Barium	135-1	621.58	628.74	625.47	625.26	0.57	ppb
Barium	137-1	641.24	639.63	640.85	640.57	0.13	ppb
Beryllium	9-1	131.54	133.59	136.66	133.93	1.92	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.70	134.82	137.60	136.04	1.04	ppb
Cadmium	106-1	132.76	133.00	130.83	132.19	0.90	ppb
Cadmium	111-1	132.77	133.09	133.14	133.00	0.15	ppb
Calcium	43-1	15425.84	15445.55	15759.16	15543.52	1.20	ppb
Calcium	44-1	13876.80	13945.50	14044.93	13955.74	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.82	129.87	131.73	131.47	1.14	ppb
Cobalt	59-2	131.01	130.46	131.25	130.91	0.31	ppb
Copper	63-2	1297.72	1288.13	1309.47	1298.44	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				107		%
Indium	115-2				104		%
Iron	56-2	6739.50	6643.52	6680.08	6687.70	0.72	ppb
Iron	57-2	7103.52	6980.12	6991.71	7025.12	0.97	ppb
Iron	54-2	7222.75	7213.39	7221.72	7219.29	0.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:05:02	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	633.06	625.74	639.54	632.78	1.09	ppb
Lead	207-1	635.46	640.67	642.06	639.40	0.54	ppb
Lead	208-1	631.02	634.55	636.56	634.04	0.44	ppb
Lithium	6-1				107		%
Magnesium	24-2	13166.80	12816.20	13009.59	12997.53	1.35	ppb
Manganese	55-2	1292.70	1283.11	1278.81	1284.87	0.55	ppb
Molybdenum	94-1	1257.81	1283.19	1290.96	1277.32	1.36	ppb
Molybdenum	95-1	1281.75	1290.74	1293.73	1288.74	0.48	ppb
Molybdenum	96-1	1283.58	1292.62	1282.52	1286.24	0.43	ppb
Molybdenum	97-1	1281.86	1302.89	1291.50	1292.08	0.81	ppb
Molybdenum	98-1	1259.11	1303.65	1280.72	1281.16	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.93	131.27	132.18	132.13	0.63	ppb
Phosphorus	31-2	2624.91	2545.34	2559.05	2576.43	1.65	ppb
Potassium	39-2	6465.36	6405.49	6422.94	6431.26	0.48	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	129.51	134.88	130.92	131.77	2.11	ppb
Selenium	77-2	134.39	130.65	129.16	131.40	2.05	ppb
Selenium	78-2	138.82	129.82	132.82	133.82	3.43	ppb
Silicon	28-1	127.87	125.77	129.96	127.87	1.64	ppb
Silver	107-1	133.35	132.88	134.36	133.53	0.57	ppb
Silver	109-1	132.52	132.14	132.53	132.40	0.17	ppb
Sodium	23-2	13309.02	13226.09	13156.37	13230.49	0.58	ppb
Strontium	86-1	3233.55	3291.06	3215.56	3246.72	1.21	ppb
Strontium	88-1	3190.56	3247.15	3232.14	3223.29	0.91	ppb
Sulfur	34-1	2137.96	1757.40	2059.01	1984.79	10.12	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	114.47	115.37	115.24	115.03	0.42	ppb
Thallium	205-1	113.19	113.57	115.69	114.15	1.18	ppb
Tin	118-1	127.56	129.06	127.16	127.93	0.78	ppb
Titanium	47-1	1252.88	1283.59	1298.29	1278.25	1.81	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:05:02	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	126.98	123.73	127.51	126.07	1.62	ppb
Vanadium	51-2	130.64	128.38	129.62	129.55	0.87	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	1310.51	1292.09	1309.08	1303.89	0.79	ppb
Zirconium	90-1	128.35	127.86	128.73	128.31	0.34	ppb
Zirconium	91-1	125.79	128.22	125.98	126.66	1.07	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:08:01	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5251.84	5298.77	5318.04	5289.55	0.64	ppb
Antimony	121-1	254.87	257.70	258.06	256.88	0.68	ppb
Arsenic	75-2	251.66	259.00	252.51	254.39	1.58	ppb
Barium	135-1	1300.73	1284.34	1304.13	1296.40	0.82	ppb
Barium	137-1	1291.93	1255.81	1301.57	1283.10	1.88	ppb
Beryllium	9-1	250.41	260.41	255.54	255.45	1.96	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	249.81	263.70	269.43	260.98	3.87	ppb
Cadmium	106-1	263.63	261.32	268.25	264.40	1.34	ppb
Cadmium	111-1	262.19	259.18	264.34	261.90	0.99	ppb
Calcium	43-1	30234.14	30664.17	30518.60	30472.30	0.72	ppb
Calcium	44-1	27345.33	27324.96	27522.42	27397.57	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257.10	260.02	260.45	259.19	0.70	ppb
Cobalt	59-2	254.40	256.95	256.80	256.05	0.56	ppb
Copper	63-2	2545.44	2567.04	2585.67	2566.05	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				110		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	13264.38	13142.25	13319.16	13241.93	0.68	ppb
Iron	57-2	13880.93	13945.79	13907.41	13911.38	0.23	ppb
Iron	54-2	13583.26	13580.81	13623.42	13595.83	0.18	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:08:01	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1232.28	1241.64	1269.34	1247.75	1.54	ppb
Lead	207-1	1238.68	1256.24	1283.99	1259.64	1.81	ppb
Lead	208-1	1233.54	1250.99	1273.95	1252.83	1.62	ppb
Lithium	6-1				111		%
Magnesium	24-2	25745.59	25671.67	25732.86	25716.71	0.15	ppb
Manganese	55-2	2536.67	2555.86	2523.74	2538.76	0.64	ppb
Molybdenum	94-1	2480.47	2553.11	2513.46	2515.68	1.45	ppb
Molybdenum	95-1	2485.03	2549.44	2544.49	2526.32	1.42	ppb
Molybdenum	96-1	2498.74	2543.65	2528.60	2523.66	0.91	ppb
Molybdenum	97-1	2516.66	2520.89	2525.25	2520.94	0.17	ppb
Molybdenum	98-1	2509.37	2540.50	2554.45	2534.78	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.79	258.91	258.85	259.18	0.20	ppb
Phosphorus	31-2	5098.39	5136.40	5126.74	5120.51	0.39	ppb
Potassium	39-2	12654.84	12725.12	12759.20	12713.05	0.42	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	254.96	259.84	255.41	256.74	1.05	ppb
Selenium	77-2	259.59	263.69	241.14	254.81	4.71	ppb
Selenium	78-2	258.16	262.53	254.81	258.50	1.50	ppb
Silicon	28-1	259.99	261.97	259.27	260.41	0.54	ppb
Silver	107-1	264.41	270.01	265.88	266.77	1.09	ppb
Silver	109-1	263.50	265.86	267.99	265.78	0.85	ppb
Sodium	23-2	26252.65	26095.13	26054.97	26134.25	0.40	ppb
Strontium	86-1	6303.07	6387.46	6387.78	6359.44	0.77	ppb
Strontium	88-1	6290.23	6396.17	6268.53	6318.31	1.08	ppb
Sulfur	34-1	4640.58	4669.99	4393.08	4567.88	3.33	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	222.62	227.90	225.40	225.31	1.17	ppb
Thallium	205-1	247.89	254.44	251.90	251.41	1.31	ppb
Tin	118-1	246.89	250.40	254.85	250.71	1.59	ppb
Titanium	47-1	2496.37	2526.19	2586.39	2536.31	1.81	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:08:01	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	243.41	255.16	249.75	249.44	2.36	ppb
Vanadium	51-2	256.74	258.09	256.88	257.24	0.29	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	2542.18	2544.71	2564.42	2550.44	0.48	ppb
Zirconium	90-1	251.50	260.38	255.64	255.84	1.74	ppb
Zirconium	91-1	245.99	256.40	251.40	251.26	2.07	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:10:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9874.27	10441.04	10096.23	10137.18	2.82	ppb
Antimony	121-1	500.90	514.57	502.68	506.05	1.47	ppb
Arsenic	75-2	488.44	508.67	507.72	501.61	2.28	ppb
Barium	135-1	2461.27	2543.58	2507.67	2504.17	1.65	ppb
Barium	137-1	2438.33	2497.69	2500.63	2478.88	1.42	ppb
Beryllium	9-1	497.05	499.36	532.57	509.66	3.90	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	505.80	514.92	511.71	510.81	0.91	ppb
Cadmium	106-1	503.99	514.84	512.58	510.47	1.12	ppb
Cadmium	111-1	495.58	510.13	504.74	503.48	1.46	ppb
Calcium	43-1	60227.52	60003.24	59204.81	59811.86	0.90	ppb
Calcium	44-1	53528.89	53900.45	53564.77	53664.70	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.15	506.75	496.64	498.85	1.42	ppb
Cobalt	59-2	493.27	520.76	515.27	509.76	2.85	ppb
Copper	63-2	5012.96	5021.72	5058.85	5031.18	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				114		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	25609.38	27009.69	26662.50	26427.19	2.76	ppb
Iron	57-2	25567.10	27365.20	26926.99	26619.76	3.52	ppb
Iron	54-2	26247.02	27441.43	26822.89	26837.11	2.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:10:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2443.56	2481.19	2484.76	2469.84	0.92	ppb
Lead	207-1	2443.34	2435.99	2480.03	2453.12	0.96	ppb
Lead	208-1	2442.85	2468.09	2492.67	2467.87	1.01	ppb
Lithium	6-1				109		%
Magnesium	24-2	49667.56	50874.82	50001.51	50181.30	1.24	ppb
Manganese	55-2	4916.88	5172.58	5053.86	5047.77	2.53	ppb
Molybdenum	94-1	4935.72	4987.47	5055.48	4992.89	1.20	ppb
Molybdenum	95-1	4918.95	5031.77	5016.87	4989.20	1.23	ppb
Molybdenum	96-1	4955.44	4975.89	4926.59	4952.64	0.50	ppb
Molybdenum	97-1	4946.83	4993.21	4916.86	4952.30	0.78	ppb
Molybdenum	98-1	4968.90	5041.68	4966.42	4992.33	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.24	504.48	508.02	505.25	0.49	ppb
Phosphorus	31-2	9781.10	10167.76	10117.71	10022.19	2.10	ppb
Potassium	39-2	24934.92	24841.45	24963.75	24913.37	0.26	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	498.49	506.74	504.74	503.32	0.86	ppb
Selenium	77-2	503.00	493.16	535.88	510.68	4.38	ppb
Selenium	78-2	506.19	502.31	512.62	507.04	1.03	ppb
Silicon	28-1	529.51	524.11	518.58	524.06	1.04	ppb
Silver	107-1	505.85	518.77	509.13	511.25	1.31	ppb
Silver	109-1	502.79	515.20	504.36	507.45	1.33	ppb
Sodium	23-2	49898.53	51685.22	50916.71	50833.49	1.76	ppb
Strontium	86-1	12368.96	12482.99	12417.91	12423.29	0.46	ppb
Strontium	88-1	12299.65	12400.92	12525.24	12408.60	0.91	ppb
Sulfur	34-1	10282.76	9737.49	9215.25	9745.17	5.48	ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	491.12	504.21	503.67	499.67	1.48	ppb
Thallium	205-1	482.09	503.31	505.41	496.94	2.60	ppb
Tin	118-1	497.25	518.09	506.10	507.15	2.06	ppb
Titanium	47-1	5081.25	4978.57	4927.78	4995.86	1.56	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:10:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	483.75	493.55	502.32	493.21	1.88	ppb
Vanadium	51-2	488.48	498.92	500.30	495.90	1.30	ppb
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	4903.33	5023.92	5061.85	4996.37	1.66	ppb
Zirconium	90-1	492.11	499.29	507.02	499.47	1.49	ppb
Zirconium	91-1	488.89	500.47	504.98	498.11	1.67	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:16:58	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20149.39	20168.84	20415.65	20244.63	0.73	ppb
Antimony	121-1	970.40	1011.73	1002.39	994.84	2.18	ppb
Arsenic	75-2	981.70	1003.16	1007.05	997.31	1.37	ppb
Barium	135-1	4888.90	5023.13	5046.62	4986.22	1.71	ppb
Barium	137-1	4900.04	5030.05	5071.00	5000.36	1.79	ppb
Beryllium	9-1	961.16	1016.97	999.50	992.54	2.88	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	967.52	993.33	1010.00	990.28	2.16	ppb
Cadmium	106-1	968.78	989.08	1012.25	990.04	2.20	ppb
Cadmium	111-1	960.02	988.67	1033.51	994.07	3.73	ppb
Calcium	43-1	112814.87	118150.33	116899.73	115954.98	2.41	ppb
Calcium	44-1	106074.33	110178.95	109987.08	108746.79	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	998.91	1001.64	991.56	997.37	0.52	ppb
Cobalt	59-2	987.04	987.20	1004.12	992.79	0.99	ppb
Copper	63-2	9951.19	9959.99	9971.30	9960.83	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				117		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	56-2	51627.44	52235.50	52934.56	52265.83	1.25	ppb
Iron	57-2	52248.48	51821.24	53144.66	52404.79	1.29	ppb
Iron	54-2	52615.34	53042.92	53627.11	53095.12	0.96	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:16:58	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4940.94	5039.41	5067.09	5015.81	1.32	ppb
Lead	207-1	4985.14	5025.94	5050.27	5020.45	0.66	ppb
Lead	208-1	4952.43	5033.80	5057.96	5014.73	1.10	ppb
Lithium	6-1				107		%
Magnesium	24-2	101673.74	101037.91	101041.46	101251.04	0.36	ppb
Manganese	55-2	9954.86	9895.19	10032.97	9961.01	0.69	ppb
Molybdenum	94-1	9903.66	10054.89	10028.41	9995.66	0.81	ppb
Molybdenum	95-1	9953.82	10057.57	9968.04	9993.14	0.56	ppb
Molybdenum	96-1	9965.90	10062.94	10009.03	10012.62	0.49	ppb
Molybdenum	97-1	9877.33	10115.28	10046.26	10012.96	1.22	ppb
Molybdenum	98-1	9924.26	9999.11	10049.69	9991.02	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.55	992.74	998.83	994.04	0.43	ppb
Phosphorus	31-2	19937.48	19856.17	20052.06	19948.57	0.49	ppb
Potassium	39-2	49537.77	49693.19	49676.25	49635.74	0.17	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	981.91	1001.63	1003.38	995.64	1.20	ppb
Selenium	77-2	966.06	994.92	1016.86	992.61	2.57	ppb
Selenium	78-2	985.00	993.32	1000.96	993.09	0.80	ppb
Silicon	28-1	962.64	995.66	995.59	984.63	1.93	ppb
Silver	107-1	972.33	995.09	999.33	988.92	1.47	ppb
Silver	109-1	969.17	988.84	1015.63	991.21	2.35	ppb
Sodium	23-2	102020.71	102511.21	102844.40	102458.77	0.40	ppb
Strontium	86-1	24743.40	24808.60	25426.53	24992.84	1.51	ppb
Strontium	88-1	24584.90	25014.94	25443.76	25014.53	1.72	ppb
Sulfur	34-1	19895.50	20500.54	20612.55	20336.20	1.90	ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	991.26	1020.67	1011.60	1007.85	1.49	ppb
Thallium	205-1	981.39	1023.14	1003.78	1002.77	2.08	ppb
Tin	118-1	980.87	998.57	1007.98	995.81	1.38	ppb
Titanium	47-1	9689.16	10061.87	10214.80	9988.61	2.71	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:16:58	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	993.93	1011.70	1005.55	1003.72	0.90	ppb
Vanadium	51-2	1005.20	988.05	1005.57	999.61	1.00	ppb
Yttrium	89-1				112		%
Yttrium	89-2				102		%
Zinc	66-2	9896.90	10053.50	9994.59	9981.66	0.79	ppb
Zirconium	90-1	983.96	996.07	1014.85	998.29	1.56	ppb
Zirconium	91-1	998.28	1000.22	1002.64	1000.38	0.22	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:19:46	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99239.52	100305.53	100186.10	99910.38	0.58	ppb
Antimony	121-1	0.85	0.85	0.88	0.86	2.12	ppb
Arsenic	75-2	0.66	0.52	0.49	0.56	16.55	ppb
Barium	135-1	2.19	2.21	2.07	2.16	3.56	ppb
Barium	137-1	2.03	2.14	2.16	2.11	3.27	ppb
Beryllium	9-1	0.15	0.13	0.08	0.12	28.34	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.42	0.47	0.30	0.40	21.69	ppb
Cadmium	106-1	-0.14	-0.81	-0.05	-0.33		ppb
Cadmium	111-1	0.18	0.11	0.17	0.16	25.67	ppb
Calcium	43-1	491311.71	495446.32	499643.33	495467.12	0.84	ppb
Calcium	44-1	494007.20	501014.38	498145.25	497722.28	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.01	2.96	3.27	3.08	5.46	ppb
Cobalt	59-2	2.63	2.60	2.63	2.62	0.71	ppb
Copper	63-2	2.59	2.50	2.54	2.54	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				114		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	248671.45	248374.37	251017.80	249354.54	0.58	ppb
Iron	57-2	250885.66	248089.88	248817.06	249264.20	0.58	ppb
Iron	54-2	248477.64	248779.50	250086.37	249114.50	0.34	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:19:46	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.16	1.17	1.14	1.16	1.43	ppb
Lead	207-1	1.20	1.19	1.17	1.19	1.28	ppb
Lead	208-1	1.17	1.18	1.16	1.17	1.11	ppb
Lithium	6-1				110		%
Magnesium	24-2	501204.62	499564.09	498275.53	499681.42	0.29	ppb
Manganese	55-2	4.95	5.00	5.42	5.12	5.09	ppb
Molybdenum	94-1	2.57	2.45	2.34	2.45	4.78	ppb
Molybdenum	95-1	1.84	1.65	1.46	1.65	11.56	ppb
Molybdenum	96-1	2.84	2.63	2.62	2.70	4.69	ppb
Molybdenum	97-1	1.82	1.64	1.62	1.69	6.33	ppb
Molybdenum	98-1	1.82	1.58	1.52	1.64	9.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.54	4.75	4.66	4.65	2.34	ppb
Phosphorus	31-2	1.94	-0.80	-1.56	-0.14		ppb
Potassium	39-2	248117.56	249527.78	252545.74	250063.69	0.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	1.30	0.71	0.55	0.86	46.29	ppb
Selenium	77-2	0.20	0.51	0.19	0.30	60.68	ppb
Selenium	78-2	0.44	-0.40	-0.16	-0.04		ppb
Silicon	28-1	-0.46	-0.55	-0.68	-0.56		ppb
Silver	107-1	0.14	0.14	0.13	0.14	4.46	ppb
Silver	109-1	0.16	0.14	0.13	0.14	10.70	ppb
Sodium	23-2	504415.21	493054.04	500574.18	499347.81	1.16	ppb
Strontium	86-1	4.77	4.51	4.14	4.47	7.00	ppb
Strontium	88-1	4.83	4.42	4.22	4.49	6.91	ppb
Sulfur	34-1	-2664.79	-2565.95	-2451.01	-2560.58		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.16	0.13	0.13	0.14	11.40	ppb
Thallium	205-1	0.15	0.16	0.13	0.14	11.55	ppb
Tin	118-1	0.46	0.49	0.49	0.48	2.90	ppb
Titanium	47-1	1.40	1.21	1.33	1.31	7.20	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:19:46	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.07	0.06	0.07	18.38	ppb
Vanadium	51-2	0.22	0.23	0.22	0.22	0.79	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	12.84	12.87	12.94	12.88	0.41	ppb
Zirconium	90-1	0.57	0.58	0.55	0.57	2.93	ppb
Zirconium	91-1	0.60	0.54	0.54	0.56	6.35	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:29:47	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	550.62	550.39	547.84	549.62	0.28	ppb
Antimony	121-1	197.64	203.01	199.44	200.03	1.37	ppb
Arsenic	75-2	205.34	201.17	203.43	203.31	1.03	ppb
Barium	135-1	95.64	101.65	95.77	97.69	3.52	ppb
Barium	137-1	94.37	96.37	94.89	95.21	1.09	ppb
Beryllium	9-1	105.31	106.37	104.77	105.49	0.77	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.94	103.81	95.39	98.38	4.78	ppb
Cadmium	106-1	92.98	93.68	92.32	92.99	0.73	ppb
Cadmium	111-1	105.83	109.61	105.31	106.92	2.20	ppb
Calcium	43-1	1995.63	1945.51	2039.89	1993.68	2.37	ppb
Calcium	44-1	2027.64	1988.74	2095.74	2037.38	2.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.88	101.07	101.68	101.54	0.42	ppb
Cobalt	59-2	100.28	100.40	100.62	100.43	0.17	ppb
Copper	63-2	94.57	94.80	94.94	94.77	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				107		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	1987.94	2028.80	2029.47	2015.41	1.18	ppb
Iron	57-2	2104.67	2121.65	2129.10	2118.47	0.59	ppb
Iron	54-2	2208.15	2224.03	2218.93	2217.04	0.37	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:29:47	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	190.22	194.02	191.88	192.04	0.99	ppb
Lead	207-1	180.70	193.14	184.23	186.03	3.45	ppb
Lead	208-1	184.95	201.95	187.15	191.35	4.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	1232.38	1244.14	1240.28	1238.94	0.48	ppb
Manganese	55-2	99.85	101.26	100.66	100.59	0.70	ppb
Molybdenum	94-1	0.14	0.70	0.16	0.33	96.09	ppb
Molybdenum	95-1	0.07	0.47	0.07	0.20	113.96	ppb
Molybdenum	96-1	0.11	0.56	0.13	0.26	96.18	ppb
Molybdenum	97-1	0.07	0.40	0.06	0.18	107.42	ppb
Molybdenum	98-1	0.07	0.33	0.08	0.16	89.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.64	103.09	103.24	102.99	0.30	ppb
Phosphorus	31-2	-7.27	-11.66	-13.94	-10.96		ppb
Potassium	39-2	2074.41	2084.10	2068.67	2075.73	0.38	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	206.68	214.32	216.15	212.39	2.37	ppb
Selenium	77-2	223.86	210.46	227.45	220.59	4.06	ppb
Selenium	78-2	225.42	212.24	217.36	218.34	3.04	ppb
Silicon	28-1	-2.57	-3.01	-2.32	-2.63		ppb
Silver	107-1	49.97	52.21	50.90	51.03	2.21	ppb
Silver	109-1	49.70	51.65	50.45	50.60	1.94	ppb
Sodium	23-2	2058.97	2064.48	2063.77	2062.41	0.15	ppb
Strontium	86-1	0.31	2.24	0.33	0.96	115.06	ppb
Strontium	88-1	0.33	1.98	0.34	0.88	108.04	ppb
Sulfur	34-1	-1967.73	-2442.19	-2074.12	-2161.34		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	190.42	195.51	191.40	192.44	1.40	ppb
Thallium	205-1	209.74	213.20	211.70	211.55	0.82	ppb
Tin	118-1	0.03	0.02	0.03	0.03	25.05	ppb
Titanium	47-1	0.05	0.07	0.07	0.06	16.92	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:29:47	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.01	0.00	0.00	67.79	ppb
Vanadium	51-2	98.32	98.73	97.94	98.33	0.40	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	194.38	197.33	195.73	195.81	0.75	ppb
Zirconium	90-1	0.07	0.13	0.07	0.09	35.55	ppb
Zirconium	91-1	0.08	0.17	0.12	0.12	35.36	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:37:15	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.43	7.30	6.81	6.85	6.38	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	12.85	ppb
Arsenic	75-2	-0.01	-0.01	0.00	0.00		ppb
Barium	135-1	0.00	0.00	0.01	0.00	109.17	ppb
Barium	137-1	0.01	0.01	0.01	0.01	17.39	ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	148.85	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.06	0.04	-0.01		ppb
Cadmium	106-1	-0.53	-0.66	-0.63	-0.61		ppb
Cadmium	111-1	-0.02	-0.04	-0.03	-0.03		ppb
Calcium	43-1	8.76	5.80	3.94	6.17	39.42	ppb
Calcium	44-1	6.03	7.58	6.12	6.58	13.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.04	0.06	0.02	0.04	58.47	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				106		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	0.54	0.52	0.63	0.56	10.41	ppb
Iron	57-2	-0.96	-2.47	-0.09	-1.18		ppb
Iron	54-2	2.21	1.13	0.98	1.44	46.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:37:15	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.10	0.10	0.09	0.10	6.98	ppb
Lead	207-1	0.10	0.11	0.08	0.10	15.55	ppb
Lead	208-1	0.11	0.10	0.09	0.10	10.94	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.88	0.97	1.43	1.09	26.83	ppb
Manganese	55-2	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.16	0.18	0.15	0.16	9.48	ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	66.20	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	5.15	ppb
Molybdenum	97-1	0.00	0.01	0.02	0.01	89.43	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	49.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.02	0.00		ppb
Phosphorus	31-2	-10.43	-11.67	-9.60	-10.57		ppb
Potassium	39-2	5.61	9.24	8.18	7.68	24.34	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	-0.30	0.65	0.17	0.17	277.55	ppb
Selenium	77-2	0.20	-0.11	-0.11	0.00		ppb
Selenium	78-2	1.70	0.40	-1.19	0.30	478.18	ppb
Silicon	28-1	-1.26	-1.47	-1.47	-1.40		ppb
Silver	107-1	0.01	0.00	0.01	0.01	32.13	ppb
Silver	109-1	0.02	0.00	0.01	0.01	65.14	ppb
Sodium	23-2	25.20	22.67	25.06	24.31	5.85	ppb
Strontium	86-1	-0.02	0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1260.86	-1474.56	-1634.93	-1456.78		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.03	0.03	0.03	11.29	ppb
Thallium	205-1	0.04	0.03	0.02	0.03	20.46	ppb
Tin	118-1	0.00	0.00	0.02	0.01	105.07	ppb
Titanium	47-1	-0.01	0.04	-0.04	0.00		ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:37:15	DataFile Name :	015CCBE.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	0.01	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.70	0.48	0.51	0.56	21.28	ppb
Zirconium	90-1	0.11	0.10	0.09	0.10	11.81	ppb
Zirconium	91-1	0.11	0.09	0.06	0.09	27.81	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:43:53	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80860.62	81713.63	81419.94	81331.39	0.53	ppb
Antimony	121-1	0.99	1.01	0.98	0.99	1.46	ppb
Arsenic	75-2	0.36	0.26	0.24	0.29	21.77	ppb
Barium	135-1	1.19	1.18	1.24	1.20	2.49	ppb
Barium	137-1	1.24	1.13	1.15	1.18	5.12	ppb
Beryllium	9-1	0.25	0.25	0.26	0.25	2.89	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.97	5.48	6.33	5.93	7.22	ppb
Cadmium	106-1	-0.90	-2.20	-1.40	-1.50		ppb
Cadmium	111-1	0.14	0.07	0.16	0.12	36.01	ppb
Calcium	43-1	87011.04	89166.02	87038.43	87738.49	1.41	ppb
Calcium	44-1	88632.73	88377.09	88263.25	88424.36	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.88	18.19	18.21	18.09	1.02	ppb
Cobalt	59-2	1.10	1.09	1.10	1.09	0.52	ppb
Copper	63-2	6.42	6.33	6.65	6.46	2.61	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				110		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	90350.05	92268.99	91837.20	91485.41	1.10	ppb
Iron	57-2	90882.97	90605.42	91818.00	91102.13	0.70	ppb
Iron	54-2	91465.00	91311.35	92466.55	91747.63	0.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:43:53	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.80	4.06	4.03	3.96	3.55	ppb
Lead	207-1	3.54	3.52	3.58	3.55	0.92	ppb
Lead	208-1	3.60	3.64	3.66	3.63	0.80	ppb
Lithium	6-1				97		%
Magnesium	24-2	87055.60	88176.18	88053.15	87761.64	0.70	ppb
Manganese	55-2	6.92	7.10	7.32	7.11	2.79	ppb
Molybdenum	94-1	1287.31	1309.50	1353.44	1316.75	2.56	ppb
Molybdenum	95-1	1526.72	1565.80	1619.08	1570.54	2.95	ppb
Molybdenum	96-1	1521.70	1539.73	1578.40	1546.61	1.87	ppb
Molybdenum	97-1	1556.46	1589.09	1609.38	1584.98	1.68	ppb
Molybdenum	98-1	1543.47	1595.75	1609.08	1582.77	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.92	4.82	4.82	4.85	1.20	ppb
Phosphorus	31-2	89382.11	89232.66	90173.69	89596.15	0.56	ppb
Potassium	39-2	87613.22	87643.55	87530.32	87595.70	0.07	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.28	0.56	0.40	0.41	34.46	ppb
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	0.39	-1.02	-0.09	-0.24		ppb
Silicon	28-1	1.94	2.08	1.88	1.97	5.15	ppb
Silver	107-1	0.06	0.04	0.05	0.05	22.64	ppb
Silver	109-1	0.04	0.05	0.05	0.05	6.93	ppb
Sodium	23-2	87394.82	88663.44	89068.30	88375.52	0.99	ppb
Strontium	86-1	29.43	29.82	30.36	29.87	1.56	ppb
Strontium	88-1	29.63	30.17	30.80	30.20	1.93	ppb
Sulfur	34-1	97431.59	96653.81	93284.74	95790.04	2.30	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.08	0.08	0.09	0.08	11.71	ppb
Thallium	205-1	0.08	0.08	0.10	0.09	7.90	ppb
Tin	118-1	0.07	0.12	0.15	0.11	34.62	ppb
Titanium	47-1	1618.10	1619.70	1632.31	1623.37	0.48	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:43:53	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	4.25	ppb
Vanadium	51-2	0.16	0.15	0.18	0.16	8.39	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	11.06	10.67	10.78	10.84	1.87	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	5.66	ppb
Zirconium	91-1	0.09	0.10	0.09	0.09	8.50	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:47:01	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87517.15	88414.79	88664.80	88198.92	0.68	ppb
Antimony	121-1	19.37	17.05	19.60	18.67	7.56	ppb
Arsenic	75-2	19.47	19.09	19.64	19.40	1.43	ppb
Barium	135-1	18.98	16.47	19.69	18.38	9.20	ppb
Barium	137-1	18.83	16.61	18.87	18.10	7.16	ppb
Beryllium	9-1	21.45	17.53	20.69	19.89	10.46	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.06	18.36	23.87	22.10	14.66	ppb
Cadmium	106-1	15.66	12.73	16.08	14.82	12.33	ppb
Cadmium	111-1	17.98	16.55	19.03	17.85	6.96	ppb
Calcium	43-1	94823.70	81345.36	96888.22	91019.09	9.27	ppb
Calcium	44-1	95081.80	80618.27	96782.08	90827.38	9.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.81	39.14	38.93	38.96	0.43	ppb
Cobalt	59-2	20.20	20.24	20.35	20.26	0.40	ppb
Copper	63-2	24.73	25.30	25.37	25.14	1.40	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				120		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	97796.23	99292.54	101160.45	99416.41	1.70	ppb
Iron	57-2	98608.35	98451.87	99248.38	98769.54	0.43	ppb
Iron	54-2	99879.09	99320.56	99911.73	99703.80	0.33	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:47:01	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.79	20.33	24.24	22.79	9.40	ppb
Lead	207-1	23.04	18.75	22.76	21.52	11.17	ppb
Lead	208-1	23.11	19.28	22.94	21.77	9.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	94543.21	96532.52	96199.99	95758.57	1.11	ppb
Manganese	55-2	26.63	26.94	26.78	26.78	0.58	ppb
Molybdenum	94-1	1375.89	1223.39	1411.15	1336.81	7.47	ppb
Molybdenum	95-1	1627.11	1453.01	1681.37	1587.16	7.52	ppb
Molybdenum	96-1	1605.21	1430.18	1656.83	1564.08	7.60	ppb
Molybdenum	97-1	1648.30	1445.91	1737.91	1610.70	9.29	ppb
Molybdenum	98-1	1654.91	1440.91	1712.89	1602.90	8.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.78	24.50	24.39	24.56	0.81	ppb
Phosphorus	31-2	96636.78	96726.81	96749.28	96704.29	0.06	ppb
Potassium	39-2	95037.12	94657.39	95417.96	95037.49	0.40	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	82-1	20.58	17.01	17.53	18.37	10.48	ppb
Selenium	77-2	18.44	11.58	18.95	16.32	25.21	ppb
Selenium	78-2	18.51	18.03	18.47	18.34	1.47	ppb
Silicon	28-1	1.82	2.23	2.33	2.13	12.72	ppb
Silver	107-1	17.16	15.80	18.01	16.99	6.58	ppb
Silver	109-1	17.72	15.50	17.82	17.01	7.70	ppb
Sodium	23-2	95839.75	96350.85	96764.69	96318.43	0.48	ppb
Strontium	86-1	32.14	28.84	31.98	30.99	6.01	ppb
Strontium	88-1	31.66	27.98	32.82	30.82	8.20	ppb
Sulfur	34-1	103731.22	84458.26	98463.92	95551.13	10.42	ppb
Terbium	159-1				118		%
Terbium	159-2				108		%
Thallium	203-1	20.16	16.37	19.73	18.75	11.08	ppb
Thallium	205-1	19.95	16.65	19.46	18.69	9.54	ppb
Tin	118-1	0.16	0.09	0.15	0.13	27.12	ppb
Titanium	47-1	1710.02	1509.15	1804.37	1674.51	9.00	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:47:01	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	14.99	ppb
Vanadium	51-2	19.27	18.85	19.11	19.08	1.10	ppb
Yttrium	89-1				117		%
Yttrium	89-2				107		%
Zinc	66-2	31.24	30.01	30.96	30.74	2.10	ppb
Zirconium	90-1	0.05	0.08	0.05	0.06	26.54	ppb
Zirconium	91-1	0.07	0.11	0.03	0.07	61.40	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:58:01	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63559.23	64448.84	61947.84	63318.63	2.00	ppb
Antimony	121-1	525.90	530.27	545.92	534.03	1.97	ppb
Arsenic	75-2	496.10	488.47	500.01	494.86	1.19	ppb
Barium	135-1	2467.20	2462.33	2503.76	2477.76	0.91	ppb
Barium	137-1	2453.11	2407.52	2467.44	2442.69	1.28	ppb
Beryllium	9-1	524.95	535.10	530.32	530.12	0.96	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	502.08	504.94	502.10	503.04	0.33	ppb
Cadmium	106-1	498.04	510.99	509.60	506.21	1.40	ppb
Cadmium	111-1	500.45	498.87	507.65	502.32	0.93	ppb
Calcium	43-1	244009.06	249127.03	243663.88	245599.99	1.25	ppb
Calcium	44-1	243667.33	249464.12	243207.01	245446.15	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	473.03	480.22	477.37	476.87	0.76	ppb
Cobalt	59-2	488.53	493.66	488.05	490.08	0.63	ppb
Copper	63-2	4891.52	4821.42	4713.85	4808.93	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	122938.86	122108.97	119744.94	121597.59	1.36	ppb
Iron	57-2	121571.02	122213.04	121587.34	121790.47	0.30	ppb
Iron	54-2	122877.92	121585.96	122249.66	122237.85	0.53	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:58:01	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2427.29	2425.76	2387.54	2413.53	0.93	ppb
Lead	207-1	2442.03	2463.80	2416.58	2440.80	0.97	ppb
Lead	208-1	2428.01	2447.82	2428.10	2434.64	0.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	242157.40	243603.03	239391.79	241717.41	0.89	ppb
Manganese	55-2	4757.12	4735.50	4678.56	4723.73	0.86	ppb
Molybdenum	94-1	4752.54	4760.63	4869.48	4794.21	1.36	ppb
Molybdenum	95-1	4782.11	4862.18	4887.24	4843.84	1.13	ppb
Molybdenum	96-1	4786.14	4883.56	4887.17	4852.29	1.18	ppb
Molybdenum	97-1	4779.69	4846.53	4911.50	4845.91	1.36	ppb
Molybdenum	98-1	4814.63	4834.75	4896.08	4848.49	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.00	485.88	477.47	482.11	0.89	ppb
Phosphorus	31-2	9550.82	9643.34	9621.58	9605.25	0.50	ppb
Potassium	39-2	122110.05	121861.98	121063.62	121678.55	0.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	490.77	492.89	496.64	493.43	0.60	ppb
Selenium	77-2	513.45	506.32	495.76	505.17	1.76	ppb
Selenium	78-2	498.62	491.67	510.08	500.12	1.86	ppb
Silicon	28-1	425.15	428.94	423.88	425.99	0.62	ppb
Silver	107-1	498.41	504.00	510.50	504.30	1.20	ppb
Silver	109-1	515.48	496.08	511.59	507.72	2.02	ppb
Sodium	23-2	235490.05	239967.50	236059.31	237172.28	1.03	ppb
Strontium	86-1	12063.53	12179.99	12099.19	12114.23	0.49	ppb
Strontium	88-1	12004.38	12138.23	12022.65	12055.08	0.60	ppb
Sulfur	34-1	7115.17	7216.91	6877.30	7069.79	2.47	ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	488.52	483.31	482.96	484.93	0.64	ppb
Thallium	205-1	487.20	477.75	485.55	483.50	1.04	ppb
Tin	118-1	489.77	493.69	502.82	495.42	1.35	ppb
Titanium	47-1	4802.06	4905.10	4849.39	4852.18	1.06	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:58:01	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	510.81	484.71	495.59	497.04	2.64	ppb
Vanadium	51-2	489.35	484.42	484.26	486.01	0.60	ppb
Yttrium	89-1				115		%
Yttrium	89-2				106		%
Zinc	66-2	4923.87	4935.91	4796.16	4885.32	1.59	ppb
Zirconium	90-1	488.40	492.16	493.45	491.34	0.53	ppb
Zirconium	91-1	475.01	486.97	484.17	482.05	1.30	ppb

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On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 17:07:59	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.02	-0.10	-0.07		ppb
Antimony	121-1	0.07	0.08	0.09	0.08	9.29	ppb
Arsenic	75-2	0.03	0.01	0.00	0.01	108.47	ppb
Barium	135-1	0.03	0.01	0.01	0.01	100.22	ppb
Barium	137-1	0.04	0.01	0.02	0.02	70.23	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	41.96	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.03	0.03	0.01	438.61	ppb
Cadmium	106-1	1.36	0.00	0.11	0.49	153.67	ppb
Cadmium	111-1	0.12	0.01	0.01	0.05	131.87	ppb
Calcium	43-1	9.29	5.25	6.97	7.17	28.30	ppb
Calcium	44-1	11.26	8.48	10.91	10.22	14.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.02	0.00	6004.13	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.09	0.09	0.07	0.08	13.22	ppb
Dysprosium	156-1						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				105		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	0.21	0.26	0.24	0.24	9.72	ppb
Iron	57-2	-6.22	-2.81	-3.34	-4.13		ppb
Iron	54-2	0.96	0.10	0.03	0.36	143.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 17:07:59	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.17	0.17	0.16	0.17	3.97	ppb
Lead	207-1	0.18	0.14	0.14	0.15	14.48	ppb
Lead	208-1	0.17	0.16	0.15	0.16	8.05	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.77	1.01	1.24	1.34	29.01	ppb
Manganese	55-2	0.00	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.39	0.32	0.26	0.32	20.08	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	17.60	ppb
Molybdenum	96-1	0.08	0.07	0.06	0.07	18.11	ppb
Molybdenum	97-1	0.04	0.04	0.03	0.04	9.62	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	7.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.00	-0.01		ppb
Phosphorus	31-2	-8.67	-17.79	-14.37	-13.61		ppb
Potassium	39-2	10.75	14.61	11.90	12.42	15.98	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.34	0.21	0.10	0.22	57.04	ppb
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	1.94	-0.76	1.45	0.87	164.19	ppb
Silicon	28-1	-2.37	-2.75	-2.43	-2.52		ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.57	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.59	ppb
Sodium	23-2	31.96	35.67	31.79	33.14	6.61	ppb
Strontium	86-1	0.06	0.00	0.00	0.02	160.47	ppb
Strontium	88-1	0.04	0.03	0.02	0.03	24.04	ppb
Sulfur	34-1	-3114.01	-3394.27	-3217.24	-3241.84		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.03	0.04	0.03	18.78	ppb
Thallium	205-1	0.05	0.04	0.04	0.05	15.53	ppb
Tin	118-1	0.07	0.07	0.05	0.06	15.92	ppb
Titanium	47-1	0.00	-0.06	0.01	-0.02		ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 17:07:59	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	40.84	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	270.14	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	0.50	0.31	0.39	0.40	24.71	ppb
Zirconium	90-1	0.23	0.17	0.16	0.18	19.69	ppb
Zirconium	91-1	0.19	0.19	0.14	0.17	17.30	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:11:38	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6342.84	6341.15	6330.77	6338.25	0.10	ppb
Antimony	121-1	0.57	0.58	0.61	0.59	3.62	ppb
Arsenic	75-2	45.53	46.27	45.52	45.78	0.94	ppb
Barium	135-1	54.47	54.29	56.14	54.97	1.86	ppb
Barium	137-1	53.80	54.74	53.93	54.16	0.94	ppb
Beryllium	9-1	0.38	0.35	0.38	0.37	4.54	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.79	0.60	0.68	0.69	13.94	ppb
Cadmium	106-1	1.69	0.72	-0.05	0.79	110.51	ppb
Cadmium	111-1	0.65	0.54	0.56	0.58	10.30	ppb
Calcium	43-1	2098.50	2154.83	2084.09	2112.47	1.77	ppb
Calcium	44-1	2145.52	2156.13	2148.14	2149.93	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.75	8.91	8.82	8.83	0.93	ppb
Cobalt	59-2	8.06	8.25	8.23	8.18	1.25	ppb
Copper	63-2	26.63	26.58	26.82	26.68	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				109		%
Indium	115-2				106		%
Iron	56-2	24247.72	24184.54	24219.88	24217.38	0.13	ppb
Iron	57-2	23853.57	24195.66	24295.36	24114.86	0.96	ppb
Iron	54-2	24598.98	24075.15	24553.48	24409.20	1.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:11:38	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.52	36.82	37.45	36.93	1.28	ppb
Lead	207-1	38.45	39.22	39.31	38.99	1.21	ppb
Lead	208-1	36.94	37.84	38.30	37.69	1.84	ppb
Lithium	6-1				94		%
Magnesium	24-2	2501.13	2488.89	2479.65	2489.89	0.43	ppb
Manganese	55-2	309.94	308.54	308.77	309.08	0.24	ppb
Molybdenum	94-1	3.57	3.61	3.62	3.60	0.72	ppb
Molybdenum	95-1	0.25	0.27	0.28	0.27	4.60	ppb
Molybdenum	96-1	0.70	0.74	0.75	0.73	3.57	ppb
Molybdenum	97-1	0.27	0.28	0.27	0.28	1.96	ppb
Molybdenum	98-1	0.26	0.25	0.26	0.26	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.17	7.47	7.52	7.39	2.53	ppb
Phosphorus	31-2	604.60	633.25	636.23	624.69	2.80	ppb
Potassium	39-2	1774.08	1777.52	1778.65	1776.75	0.13	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	-0.38	-0.14	0.56	0.01	4220.12	ppb
Selenium	77-2	4.30	4.03	1.92	3.42	38.19	ppb
Selenium	78-2	1.76	-0.60	-0.70	0.15	907.73	ppb
Silicon	28-1	318.84	319.29	315.63	317.92	0.63	ppb
Silver	107-1	0.24	0.22	0.21	0.22	5.60	ppb
Silver	109-1	0.22	0.26	0.22	0.23	10.00	ppb
Sodium	23-2	77.59	83.01	79.46	80.02	3.44	ppb
Strontium	86-1	13.14	12.63	13.15	12.97	2.30	ppb
Strontium	88-1	12.71	12.80	12.99	12.83	1.11	ppb
Sulfur	34-1	-2930.61	-3333.18	-3545.42	-3269.74		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.13	0.14	0.15	0.14	5.23	ppb
Thallium	205-1	0.13	0.15	0.14	0.14	7.51	ppb
Tin	118-1	0.69	0.75	0.70	0.72	4.67	ppb
Titanium	47-1	293.29	295.29	293.04	293.87	0.42	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:11:38	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.19	0.20	1.17	ppb
Vanadium	51-2	34.51	34.80	34.65	34.65	0.42	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	138.92	139.99	137.99	138.96	0.72	ppb
Zirconium	90-1	2.00	2.04	2.08	2.04	1.86	ppb
Zirconium	91-1	2.04	2.07	2.08	2.06	0.88	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:14:54	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6327.81	6267.81	6276.03	6290.55	0.52	ppb
Antimony	121-1	0.56	0.56	0.57	0.56	1.06	ppb
Arsenic	75-2	46.31	47.54	44.94	46.26	2.82	ppb
Barium	135-1	54.30	54.31	53.69	54.10	0.65	ppb
Barium	137-1	53.56	54.50	53.86	53.97	0.89	ppb
Beryllium	9-1	0.35	0.40	0.32	0.36	12.82	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.65	0.65	0.59	16.82	ppb
Cadmium	106-1	1.25	0.54	-0.13	0.55	124.62	ppb
Cadmium	111-1	0.62	0.57	0.49	0.56	11.72	ppb
Calcium	43-1	2134.95	2127.83	2095.52	2119.43	0.99	ppb
Calcium	44-1	2128.79	2160.90	2120.77	2136.82	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.91	8.94	8.73	8.86	1.30	ppb
Cobalt	59-2	8.43	8.22	8.24	8.30	1.42	ppb
Copper	63-2	27.37	26.89	26.61	26.96	1.43	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				116		%
Holmium	165-2				110		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	56-2	24395.91	24002.90	23722.87	24040.56	1.41	ppb
Iron	57-2	24199.06	24054.62	23392.53	23882.07	1.80	ppb
Iron	54-2	24483.35	24081.34	24017.59	24194.09	1.04	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:14:54	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.42	36.91	37.02	36.79	0.87	ppb
Lead	207-1	38.52	38.49	38.90	38.64	0.60	ppb
Lead	208-1	37.12	37.67	37.73	37.51	0.90	ppb
Lithium	6-1				99		%
Magnesium	24-2	2527.15	2486.12	2481.56	2498.27	1.01	ppb
Manganese	55-2	313.36	308.44	308.94	310.25	0.87	ppb
Molybdenum	94-1	3.01	2.95	2.98	2.98	1.00	ppb
Molybdenum	95-1	0.28	0.28	0.29	0.28	2.11	ppb
Molybdenum	96-1	0.66	0.67	0.67	0.67	0.47	ppb
Molybdenum	97-1	0.28	0.21	0.27	0.25	14.38	ppb
Molybdenum	98-1	0.27	0.25	0.27	0.27	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.54	7.35	7.42	7.43	1.29	ppb
Phosphorus	31-2	607.23	631.98	590.73	609.98	3.40	ppb
Potassium	39-2	1786.11	1774.83	1779.16	1780.03	0.32	ppb
Rhodium	103-1				114		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	-0.13	-0.06	0.40	0.07	398.45	ppb
Selenium	77-2	5.06	3.96	1.90	3.64	43.95	ppb
Selenium	78-2	0.88	0.58	-0.76	0.23	372.15	ppb
Silicon	28-1	310.01	317.62	313.52	313.72	1.21	ppb
Silver	107-1	0.21	0.23	0.23	0.22	3.67	ppb
Silver	109-1	0.22	0.24	0.22	0.23	6.14	ppb
Sodium	23-2	68.53	70.63	69.47	69.54	1.51	ppb
Strontium	86-1	12.70	12.81	12.91	12.81	0.82	ppb
Strontium	88-1	12.58	12.62	12.62	12.61	0.19	ppb
Sulfur	34-1	-3679.80	-3529.20	-3755.90	-3654.97		ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.12	0.15	0.14	0.14	12.79	ppb
Thallium	205-1	0.13	0.13	0.14	0.13	4.36	ppb
Tin	118-1	0.57	0.61	0.63	0.61	5.27	ppb
Titanium	47-1	287.51	295.72	293.47	292.23	1.45	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:14:54	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.18	0.20	0.19	3.77	ppb
Vanadium	51-2	34.45	34.96	34.50	34.64	0.80	ppb
Yttrium	89-1				118		%
Yttrium	89-2				111		%
Zinc	66-2	140.72	139.94	139.18	139.95	0.55	ppb
Zirconium	90-1	1.72	1.66	1.71	1.70	2.03	ppb
Zirconium	91-1	1.66	1.70	1.68	1.68	1.36	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:18:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1198.61	1206.18	1210.04	1204.94	0.48	ppb
Antimony	121-1	0.13	0.14	0.12	0.13	6.15	ppb
Arsenic	75-2	8.93	9.37	8.91	9.07	2.85	ppb
Barium	135-1	10.26	10.38	10.35	10.33	0.58	ppb
Barium	137-1	10.21	10.22	10.40	10.28	1.06	ppb
Beryllium	9-1	0.13	0.04	0.05	0.07	64.54	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.17	0.11	0.20	0.16	28.94	ppb
Cadmium	106-1	0.90	-0.02	-1.21	-0.11		ppb
Cadmium	111-1	0.16	0.15	0.04	0.12	58.28	ppb
Calcium	43-1	395.31	409.93	403.91	403.05	1.82	ppb
Calcium	44-1	413.26	421.83	417.17	417.42	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.62	1.69	1.63	1.65	2.46	ppb
Cobalt	59-2	1.64	1.56	1.60	1.60	2.27	ppb
Copper	63-2	5.20	5.30	5.30	5.27	1.09	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				113		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	56-2	4608.68	4628.49	4656.03	4631.06	0.51	ppb
Iron	57-2	4773.03	4730.53	4829.16	4777.57	1.04	ppb
Iron	54-2	4865.25	4825.50	4914.63	4868.46	0.92	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:18:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.87	7.19	7.03	7.03	2.23	ppb
Lead	207-1	7.30	7.63	7.50	7.47	2.24	ppb
Lead	208-1	7.11	7.27	7.22	7.20	1.12	ppb
Lithium	6-1				98		%
Magnesium	24-2	473.52	469.01	477.23	473.25	0.87	ppb
Manganese	55-2	59.15	59.33	59.68	59.38	0.45	ppb
Molybdenum	94-1	0.53	0.55	0.60	0.56	6.28	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	4.65	ppb
Molybdenum	96-1	0.13	0.14	0.14	0.14	1.89	ppb
Molybdenum	97-1	0.06	0.06	0.07	0.06	10.38	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	9.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.46	2.55	2.57	2.53	2.35	ppb
Phosphorus	31-2	111.59	102.96	114.84	109.80	5.59	ppb
Potassium	39-2	338.53	341.62	347.00	342.39	1.25	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	-0.53	-0.47	0.03	-0.32		ppb
Selenium	77-2	0.77	0.49	0.19	0.48	60.39	ppb
Selenium	78-2	0.85	-0.51	1.84	0.73	162.99	ppb
Silicon	28-1	62.50	61.46	61.05	61.67	1.22	ppb
Silver	107-1	0.04	0.05	0.04	0.05	4.42	ppb
Silver	109-1	0.06	0.05	0.05	0.05	8.46	ppb
Sodium	23-2	22.25	22.79	23.25	22.76	2.20	ppb
Strontium	86-1	2.52	2.32	2.51	2.45	4.58	ppb
Strontium	88-1	2.42	2.41	2.40	2.41	0.33	ppb
Sulfur	34-1	-3704.00	-3636.05	-3867.21	-3735.75		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.05	0.06	0.06	2.23	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	8.25	ppb
Tin	118-1	0.04	0.08	0.11	0.07	45.03	ppb
Titanium	47-1	55.37	57.62	56.15	56.38	2.03	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:18:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	1.45	ppb
Vanadium	51-2	6.51	6.47	6.68	6.55	1.71	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	27.60	27.37	29.29	28.09	3.72	ppb
Zirconium	90-1	0.33	0.34	0.34	0.34	0.42	ppb
Zirconium	91-1	0.37	0.35	0.32	0.35	8.24	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:21:30	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6532.36	6781.24	6797.69	6703.76	2.22	ppb
Antimony	121-1	16.86	16.81	17.57	17.08	2.49	ppb
Arsenic	75-2	55.26	56.15	55.42	55.61	0.85	ppb
Barium	135-1	368.50	369.97	383.23	373.90	2.17	ppb
Barium	137-1	363.25	367.78	381.15	370.72	2.51	ppb
Beryllium	9-1	9.28	9.17	9.66	9.37	2.71	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.57	8.38	9.53	8.82	7.00	ppb
Cadmium	106-1	6.56	7.26	8.56	7.46	13.65	ppb
Cadmium	111-1	8.79	8.97	9.21	8.99	2.30	ppb
Calcium	43-1	2145.81	2163.80	2184.26	2164.62	0.89	ppb
Calcium	44-1	2190.82	2225.31	2224.96	2213.70	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.58	43.26	43.65	43.17	1.26	ppb
Cobalt	59-2	91.40	92.92	94.10	92.81	1.46	ppb
Copper	63-2	66.25	67.13	67.79	67.06	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				112		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	56-2	24901.62	25012.23	25110.83	25008.23	0.42	ppb
Iron	57-2	24862.09	24718.59	25252.85	24944.51	1.11	ppb
Iron	54-2	24796.29	25201.24	25523.23	25173.59	1.45	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:21:30	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.04	41.95	41.21	41.06	2.34	ppb
Lead	207-1	42.18	44.00	43.63	43.27	2.22	ppb
Lead	208-1	40.97	42.42	42.07	41.82	1.81	ppb
Lithium	6-1				95		%
Magnesium	24-2	2517.80	2548.53	2563.84	2543.39	0.92	ppb
Manganese	55-2	394.90	401.71	402.73	399.78	1.07	ppb
Molybdenum	94-1	3.04	3.03	3.08	3.05	0.92	ppb
Molybdenum	95-1	0.26	0.31	0.29	0.28	8.09	ppb
Molybdenum	96-1	0.70	0.63	0.71	0.68	7.00	ppb
Molybdenum	97-1	0.32	0.27	0.28	0.29	8.18	ppb
Molybdenum	98-1	0.26	0.27	0.27	0.27	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.91	93.14	94.25	93.10	1.26	ppb
Phosphorus	31-2	625.63	643.42	630.61	633.22	1.45	ppb
Potassium	39-2	1808.16	1835.29	1844.84	1829.43	1.04	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	18.58	19.29	18.72	18.86	1.99	ppb
Selenium	77-2	21.71	22.64	23.62	22.66	4.23	ppb
Selenium	78-2	20.46	17.19	19.27	18.97	8.72	ppb
Silicon	28-1	320.81	324.63	324.67	323.37	0.69	ppb
Silver	107-1	7.69	7.78	8.11	7.86	2.84	ppb
Silver	109-1	7.78	7.86	8.05	7.90	1.80	ppb
Sodium	23-2	63.12	67.30	67.36	65.93	3.69	ppb
Strontium	86-1	13.13	13.00	13.09	13.07	0.54	ppb
Strontium	88-1	12.82	12.92	13.06	12.94	0.94	ppb
Sulfur	34-1	-3544.01	-3678.94	-3654.87	-3625.94		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	7.07	7.37	7.37	7.27	2.40	ppb
Thallium	205-1	7.32	7.44	7.38	7.38	0.85	ppb
Tin	118-1	0.62	0.63	0.69	0.65	5.66	ppb
Titanium	47-1	299.19	301.89	302.54	301.20	0.59	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:21:30	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.19	0.20	2.60	ppb
Vanadium	51-2	117.07	119.22	120.03	118.77	1.29	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	226.46	227.87	232.05	228.79	1.27	ppb
Zirconium	90-1	1.69	1.68	1.71	1.69	1.09	ppb
Zirconium	91-1	1.71	1.76	1.76	1.74	1.55	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:24:48	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7758.50	7619.32	7706.23	7694.68	0.91	ppb
Antimony	121-1	75.19	75.62	76.49	75.76	0.88	ppb
Arsenic	75-2	78.06	78.32	79.83	78.73	1.21	ppb
Barium	135-1	1526.90	1574.26	1591.76	1564.31	2.14	ppb
Barium	137-1	1532.27	1541.63	1566.23	1546.71	1.13	ppb
Beryllium	9-1	41.11	40.93	41.71	41.25	0.99	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.91	35.05	36.78	35.91	2.42	ppb
Cadmium	106-1	34.88	32.88	36.49	34.75	5.21	ppb
Cadmium	111-1	38.65	39.64	40.16	39.48	1.94	ppb
Calcium	43-1	2133.40	2173.00	2161.79	2156.06	0.95	ppb
Calcium	44-1	2166.70	2211.83	2179.63	2186.05	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	159.50	163.47	165.02	162.66	1.75	ppb
Cobalt	59-2	395.16	379.88	386.43	387.16	1.98	ppb
Copper	63-2	202.85	206.93	208.99	206.26	1.51	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				114		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	56-2	25587.90	25522.05	25182.37	25430.77	0.86	ppb
Iron	57-2	25403.88	25236.27	24472.00	25037.38	1.98	ppb
Iron	54-2	25666.43	26121.31	25940.24	25909.33	0.88	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:24:48	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.67	51.97	52.22	51.95	0.53	ppb
Lead	207-1	53.00	54.07	53.90	53.66	1.08	ppb
Lead	208-1	52.00	52.72	52.99	52.57	0.98	ppb
Lithium	6-1				94		%
Magnesium	24-2	2521.03	2583.66	2543.79	2549.49	1.24	ppb
Manganese	55-2	676.05	683.51	694.14	684.56	1.33	ppb
Molybdenum	94-1	3.04	2.97	3.19	3.07	3.61	ppb
Molybdenum	95-1	0.29	0.28	0.31	0.29	5.84	ppb
Molybdenum	96-1	0.65	0.73	0.71	0.70	5.71	ppb
Molybdenum	97-1	0.31	0.31	0.30	0.30	1.91	ppb
Molybdenum	98-1	0.29	0.28	0.31	0.29	5.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	392.73	387.97	384.83	388.51	1.02	ppb
Phosphorus	31-2	649.93	608.57	610.47	622.99	3.75	ppb
Potassium	39-2	1800.56	1837.80	1804.69	1814.35	1.12	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	84.66	84.25	86.51	85.14	1.41	ppb
Selenium	77-2	88.21	90.44	101.14	93.26	7.42	ppb
Selenium	78-2	82.01	79.43	86.87	82.77	4.56	ppb
Silicon	28-1	318.47	325.33	317.73	320.51	1.31	ppb
Silver	107-1	33.90	33.47	34.44	33.94	1.43	ppb
Silver	109-1	33.73	33.45	34.19	33.79	1.10	ppb
Sodium	23-2	64.00	65.43	65.15	64.86	1.17	ppb
Strontium	86-1	12.87	12.76	13.29	12.98	2.13	ppb
Strontium	88-1	12.73	12.81	13.14	12.89	1.69	ppb
Sulfur	34-1	-3936.87	-4003.67	-4060.54	-4000.36		ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	32.87	33.63	33.56	33.35	1.27	ppb
Thallium	205-1	32.78	33.46	33.56	33.27	1.27	ppb
Tin	118-1	0.64	0.59	0.62	0.62	3.82	ppb
Titanium	47-1	298.28	302.18	297.55	299.34	0.83	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:24:48	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.20	0.21	0.21	2.47	ppb
Vanadium	51-2	415.48	408.38	404.73	409.53	1.33	ppb
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	520.33	517.90	513.89	517.38	0.63	ppb
Zirconium	90-1	1.70	1.76	1.75	1.74	1.68	ppb
Zirconium	91-1	1.69	1.77	1.73	1.73	2.32	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:27:57	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9302.14	9201.92	9277.25	9260.44	0.56	ppb
Antimony	121-1	0.93	0.86	0.91	0.90	3.60	ppb
Arsenic	75-2	75.62	76.88	75.47	75.99	1.02	ppb
Barium	135-1	90.33	86.04	91.87	89.41	3.38	ppb
Barium	137-1	88.50	88.17	88.86	88.51	0.39	ppb
Beryllium	9-1	0.41	0.39	0.40	0.40	2.68	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	1.06	0.73	0.76	38.61	ppb
Cadmium	106-1	1.52	0.65	0.63	0.93	54.68	ppb
Cadmium	111-1	0.85	0.72	0.78	0.78	8.11	ppb
Calcium	43-1	4059.78	3973.40	3956.82	3996.67	1.38	ppb
Calcium	44-1	3674.72	3799.93	3788.56	3754.40	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.59	11.67	11.58	11.61	0.43	ppb
Cobalt	59-2	9.13	8.85	8.92	8.97	1.62	ppb
Copper	63-2	38.38	37.96	38.43	38.26	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				113		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	26357.28	26116.94	26774.54	26416.26	1.26	ppb
Iron	57-2	25991.35	26373.59	26509.16	26291.37	1.02	ppb
Iron	54-2	26970.56	26598.08	26472.87	26680.50	0.97	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:27:57	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.80	48.43	49.49	48.57	1.76	ppb
Lead	207-1	50.18	54.25	53.86	52.77	4.26	ppb
Lead	208-1	50.09	50.70	50.93	50.57	0.86	ppb
Lithium	6-1				92		%
Magnesium	24-2	3478.76	3418.55	3456.65	3451.32	0.88	ppb
Manganese	55-2	537.29	530.70	531.84	533.28	0.66	ppb
Molybdenum	94-1	3.50	3.44	3.41	3.45	1.31	ppb
Molybdenum	95-1	0.30	0.31	0.33	0.31	5.69	ppb
Molybdenum	96-1	0.71	0.76	0.77	0.75	4.59	ppb
Molybdenum	97-1	0.31	0.28	0.35	0.31	9.78	ppb
Molybdenum	98-1	0.28	0.31	0.31	0.30	5.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.02	9.88	9.84	9.91	0.98	ppb
Phosphorus	31-2	628.83	627.68	626.62	627.71	0.18	ppb
Potassium	39-2	2446.48	2433.50	2446.62	2442.20	0.31	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	0.74	1.08	-0.25	0.52	132.48	ppb
Selenium	77-2	7.74	3.11	6.03	5.63	41.62	ppb
Selenium	78-2	1.81	2.50	1.34	1.88	30.89	ppb
Silicon	28-1	267.99	276.52	290.80	278.44	4.14	ppb
Silver	107-1	0.35	0.32	0.31	0.33	6.52	ppb
Silver	109-1	0.34	0.33	0.31	0.33	3.97	ppb
Sodium	23-2	67.79	64.87	67.76	66.81	2.51	ppb
Strontium	86-1	19.05	20.43	20.93	20.14	4.83	ppb
Strontium	88-1	20.08	19.73	19.99	19.93	0.92	ppb
Sulfur	34-1	-3117.32	-2773.96	-3100.08	-2997.12		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.12	0.13	0.12	3.03	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	1.57	ppb
Tin	118-1	0.44	0.43	0.46	0.45	3.82	ppb
Titanium	47-1	291.38	309.88	314.92	305.39	4.06	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:27:57	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.22	0.24	0.23	2.78	ppb
Vanadium	51-2	40.07	39.85	39.89	39.94	0.29	ppb
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	210.69	210.23	209.91	210.28	0.19	ppb
Zirconium	90-1	1.86	1.90	1.95	1.90	2.27	ppb
Zirconium	91-1	1.81	2.02	1.90	1.91	5.58	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:31:14	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8887.96	8879.46	8783.69	8850.37	0.65	ppb
Antimony	121-1	0.89	0.92	0.89	0.90	1.76	ppb
Arsenic	75-2	79.31	80.30	79.74	79.78	0.62	ppb
Barium	135-1	94.15	95.39	90.92	93.48	2.47	ppb
Barium	137-1	90.01	91.19	87.62	89.61	2.03	ppb
Beryllium	9-1	0.36	0.45	0.48	0.43	13.63	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.95	0.96	0.65	0.85	20.42	ppb
Cadmium	106-1	1.73	0.48	-0.27	0.65	156.30	ppb
Cadmium	111-1	0.90	0.85	0.75	0.83	9.25	ppb
Calcium	43-1	3712.08	3873.58	3996.70	3860.79	3.70	ppb
Calcium	44-1	3747.01	3966.07	3792.84	3835.30	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.38	11.46	11.25	11.36	0.92	ppb
Cobalt	59-2	9.07	9.18	8.88	9.04	1.65	ppb
Copper	63-2	37.30	37.42	36.86	37.19	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				108		%
Indium	115-1				115		%
Indium	115-2				109		%
Iron	56-2	25984.03	26048.09	26207.95	26080.02	0.44	ppb
Iron	57-2	25824.39	26222.08	26040.24	26028.90	0.76	ppb
Iron	54-2	26560.76	26644.64	26229.89	26478.43	0.83	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:31:14	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.49	51.09	52.86	51.48	2.39	ppb
Lead	207-1	51.55	51.83	56.06	53.15	4.75	ppb
Lead	208-1	49.90	50.65	53.57	51.37	3.77	ppb
Lithium	6-1				97		%
Magnesium	24-2	3464.51	3486.62	3455.37	3468.83	0.46	ppb
Manganese	55-2	536.95	542.39	531.35	536.89	1.03	ppb
Molybdenum	94-1	3.36	3.31	3.56	3.41	3.90	ppb
Molybdenum	95-1	0.29	0.28	0.30	0.29	2.06	ppb
Molybdenum	96-1	0.72	0.73	0.72	0.72	0.68	ppb
Molybdenum	97-1	0.33	0.29	0.33	0.32	6.35	ppb
Molybdenum	98-1	0.31	0.30	0.31	0.31	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.91	10.50	9.68	10.03	4.23	ppb
Phosphorus	31-2	637.66	637.55	621.53	632.25	1.47	ppb
Potassium	39-2	2451.73	2474.92	2432.75	2453.13	0.86	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				115		%
Scandium	45-2				111		%
Selenium	82-1	1.06	0.97	1.06	1.03	4.85	ppb
Selenium	77-2	4.52	3.95	3.96	4.15	7.88	ppb
Selenium	78-2	0.36	0.81	2.78	1.32	97.74	ppb
Silicon	28-1	257.01	265.46	283.52	268.66	5.04	ppb
Silver	107-1	0.31	0.34	0.30	0.32	7.53	ppb
Silver	109-1	0.30	0.32	0.31	0.31	2.82	ppb
Sodium	23-2	62.30	63.55	60.51	62.12	2.46	ppb
Strontium	86-1	19.49	20.21	21.21	20.30	4.26	ppb
Strontium	88-1	19.39	19.92	20.35	19.89	2.43	ppb
Sulfur	34-1	-3665.59	-3574.94	-3256.72	-3499.08		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.12	0.11	0.12	0.12	6.80	ppb
Thallium	205-1	0.11	0.11	0.12	0.11	5.45	ppb
Tin	118-1	0.44	0.46	0.40	0.44	6.59	ppb
Titanium	47-1	283.02	294.12	313.30	296.81	5.16	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:31:14	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.23	0.23	0.23	1.93	ppb
Vanadium	51-2	41.43	41.35	40.68	41.15	1.01	ppb
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	211.04	211.21	206.71	209.65	1.22	ppb
Zirconium	90-1	1.95	1.98	2.08	2.00	3.31	ppb
Zirconium	91-1	1.87	1.94	1.89	1.90	1.75	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:37:48	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9015.86	9065.77	8901.25	8994.29	0.94	ppb
Antimony	121-1	18.76	19.29	18.88	18.98	1.46	ppb
Arsenic	75-2	82.38	83.40	84.13	83.31	1.05	ppb
Barium	135-1	442.36	434.92	454.56	443.94	2.23	ppb
Barium	137-1	422.71	434.84	436.28	431.27	1.73	ppb
Beryllium	9-1	9.68	10.24	10.06	9.99	2.86	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.19	9.13	10.37	9.56	7.29	ppb
Cadmium	106-1	9.23	9.71	7.78	8.91	11.24	ppb
Cadmium	111-1	10.28	9.98	9.98	10.08	1.72	ppb
Calcium	43-1	3824.71	3991.42	3746.19	3854.11	3.25	ppb
Calcium	44-1	3737.07	3740.87	3688.10	3722.02	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.93	48.52	48.92	48.79	0.47	ppb
Cobalt	59-2	100.62	101.02	100.90	100.84	0.20	ppb
Copper	63-2	81.35	81.35	81.18	81.29	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				114		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				107		%
Iron	56-2	26199.74	26361.84	26362.79	26308.12	0.36	ppb
Iron	57-2	26199.10	25661.52	26255.63	26038.75	1.26	ppb
Iron	54-2	26562.97	26577.07	26706.19	26615.41	0.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:37:48	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.33	51.63	53.38	51.78	2.96	ppb
Lead	207-1	51.35	55.35	55.14	53.95	4.18	ppb
Lead	208-1	50.88	53.88	53.15	52.64	2.97	ppb
Lithium	6-1				96		%
Magnesium	24-2	3398.95	3426.70	3427.51	3417.72	0.48	ppb
Manganese	55-2	613.12	613.69	609.63	612.15	0.36	ppb
Molybdenum	94-1	3.21	3.44	3.42	3.36	3.90	ppb
Molybdenum	95-1	0.28	0.27	0.30	0.28	5.36	ppb
Molybdenum	96-1	0.64	0.75	0.75	0.71	9.31	ppb
Molybdenum	97-1	0.33	0.33	0.30	0.32	5.73	ppb
Molybdenum	98-1	0.30	0.30	0.31	0.30	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.26	103.67	104.15	103.36	0.95	ppb
Phosphorus	31-2	626.55	640.77	610.57	625.96	2.41	ppb
Potassium	39-2	2413.84	2415.32	2401.98	2410.38	0.30	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	18.36	20.48	20.09	19.64	5.75	ppb
Selenium	77-2	24.02	22.12	20.50	22.21	7.92	ppb
Selenium	78-2	18.77	22.23	22.63	21.21	9.99	ppb
Silicon	28-1	262.37	267.88	274.76	268.34	2.31	ppb
Silver	107-1	8.49	8.41	8.44	8.45	0.43	ppb
Silver	109-1	8.08	8.61	8.39	8.36	3.16	ppb
Sodium	23-2	53.04	54.61	52.79	53.48	1.84	ppb
Strontium	86-1	18.47	19.51	20.18	19.39	4.44	ppb
Strontium	88-1	18.70	20.19	19.49	19.46	3.83	ppb
Sulfur	34-1	-2947.47	-3056.21	-3537.29	-3180.33		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	7.46	8.13	8.14	7.91	4.92	ppb
Thallium	205-1	7.71	8.19	7.83	7.91	3.20	ppb
Tin	118-1	0.38	0.44	0.47	0.43	10.28	ppb
Titanium	47-1	286.11	292.18	296.64	291.65	1.81	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:37:48	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.24	0.22	0.22	5.50	ppb
Vanadium	51-2	131.44	132.56	132.25	132.08	0.44	ppb
Yttrium	89-1				117		%
Yttrium	89-2				109		%
Zinc	66-2	292.18	295.24	294.66	294.03	0.55	ppb
Zirconium	90-1	1.78	1.82	1.88	1.83	2.96	ppb
Zirconium	91-1	1.82	1.86	1.94	1.87	3.43	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:41:01	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9757.06	9774.44	9954.44	9828.65	1.11	ppb
Antimony	121-1	75.10	75.91	76.47	75.83	0.91	ppb
Arsenic	75-2	107.11	106.29	106.11	106.50	0.50	ppb
Barium	135-1	1532.86	1567.06	1600.59	1566.83	2.16	ppb
Barium	137-1	1526.22	1560.83	1552.76	1546.61	1.17	ppb
Beryllium	9-1	39.34	39.49	38.70	39.18	1.07	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.22	35.05	35.13	35.13	0.23	ppb
Cadmium	106-1	35.40	35.91	35.12	35.48	1.14	ppb
Cadmium	111-1	38.85	39.89	39.03	39.26	1.41	ppb
Calcium	43-1	3786.63	3829.00	3839.16	3818.26	0.73	ppb
Calcium	44-1	3546.53	3658.39	3711.97	3638.96	2.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	158.85	159.65	158.61	159.04	0.34	ppb
Cobalt	59-2	368.08	374.52	375.22	372.61	1.06	ppb
Copper	63-2	207.72	208.53	205.66	207.31	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				112		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	26515.81	26299.35	25930.30	26248.48	1.13	ppb
Iron	57-2	26096.53	26112.32	26188.11	26132.32	0.19	ppb
Iron	54-2	26929.69	26930.89	26350.95	26737.18	1.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:41:01	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.69	61.64	61.99	61.44	1.10	ppb
Lead	207-1	61.71	64.25	64.08	63.35	2.24	ppb
Lead	208-1	61.22	62.41	62.23	61.95	1.04	ppb
Lithium	6-1				92		%
Magnesium	24-2	3356.09	3393.29	3346.30	3365.22	0.74	ppb
Manganese	55-2	860.23	874.19	844.18	859.53	1.75	ppb
Molybdenum	94-1	3.27	3.32	3.38	3.32	1.63	ppb
Molybdenum	95-1	0.32	0.30	0.30	0.31	3.99	ppb
Molybdenum	96-1	0.77	0.75	0.76	0.76	1.55	ppb
Molybdenum	97-1	0.33	0.30	0.28	0.30	8.46	ppb
Molybdenum	98-1	0.28	0.30	0.29	0.29	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	382.48	379.94	379.77	380.73	0.40	ppb
Phosphorus	31-2	627.19	651.20	626.26	634.88	2.23	ppb
Potassium	39-2	2390.79	2427.84	2379.61	2399.41	1.05	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	80.09	78.02	79.37	79.16	1.33	ppb
Selenium	77-2	81.91	86.61	83.19	83.91	2.90	ppb
Selenium	78-2	80.15	75.69	78.52	78.12	2.89	ppb
Silicon	28-1	261.31	264.80	265.31	263.81	0.82	ppb
Silver	107-1	26.00	26.50	26.51	26.34	1.11	ppb
Silver	109-1	25.98	26.59	26.42	26.33	1.20	ppb
Sodium	23-2	58.96	57.81	57.91	58.23	1.10	ppb
Strontium	86-1	19.31	19.12	19.68	19.37	1.46	ppb
Strontium	88-1	19.11	19.21	19.74	19.35	1.73	ppb
Sulfur	34-1	-3552.37	-3647.89	-3664.20	-3621.49		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	32.11	32.90	33.07	32.69	1.57	ppb
Thallium	205-1	32.24	32.79	32.93	32.65	1.13	ppb
Tin	118-1	0.45	0.44	0.45	0.44	1.17	ppb
Titanium	47-1	283.91	287.78	287.83	286.50	0.79	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:41:01	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.23	0.23	0.22	4.65	ppb
Vanadium	51-2	408.47	407.84	406.58	407.63	0.24	ppb
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	553.17	556.65	557.95	555.92	0.44	ppb
Zirconium	90-1	1.84	1.82	1.88	1.85	1.64	ppb
Zirconium	91-1	1.83	1.86	1.93	1.87	2.65	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:44:13	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5111.28	5118.28	5084.28	5104.61	0.35	ppb
Antimony	121-1	0.48	0.47	0.51	0.49	3.94	ppb
Arsenic	75-2	16.17	15.91	15.73	15.94	1.38	ppb
Barium	135-1	45.81	47.20	47.85	46.96	2.22	ppb
Barium	137-1	45.64	46.39	47.42	46.48	1.93	ppb
Beryllium	9-1	0.25	0.22	0.25	0.24	6.26	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.26	0.29	0.18	0.24	24.43	ppb
Cadmium	106-1	-0.62	0.39	-0.21	-0.15		ppb
Cadmium	111-1	0.09	0.19	0.15	0.14	35.42	ppb
Calcium	43-1	2396.71	2454.41	2449.24	2433.45	1.31	ppb
Calcium	44-1	2435.37	2511.78	2507.11	2484.76	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.76	7.67	7.65	7.69	0.75	ppb
Cobalt	59-2	7.67	7.65	7.81	7.71	1.11	ppb
Copper	63-2	13.85	13.60	13.58	13.67	1.10	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				112		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	19962.25	19944.71	20041.48	19982.81	0.26	ppb
Iron	57-2	20420.03	19475.27	19635.88	19843.72	2.55	ppb
Iron	54-2	19711.22	20267.42	19986.48	19988.37	1.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:44:13	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.03	8.36	8.12	8.17	2.09	ppb
Lead	207-1	7.83	8.12	8.05	8.00	1.90	ppb
Lead	208-1	7.81	8.09	7.92	7.94	1.76	ppb
Lithium	6-1				93		%
Magnesium	24-2	2127.85	2157.19	2142.97	2142.67	0.68	ppb
Manganese	55-2	285.59	287.70	286.52	286.60	0.37	ppb
Molybdenum	94-1	2.76	2.56	2.59	2.64	4.06	ppb
Molybdenum	95-1	0.22	0.22	0.26	0.23	9.06	ppb
Molybdenum	96-1	0.55	0.56	0.64	0.58	8.59	ppb
Molybdenum	97-1	0.25	0.25	0.27	0.26	6.07	ppb
Molybdenum	98-1	0.22	0.23	0.23	0.23	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.88	6.89	6.89	6.88	0.03	ppb
Phosphorus	31-2	485.94	501.40	504.22	497.19	1.98	ppb
Potassium	39-2	1575.68	1606.46	1599.42	1593.85	1.01	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	-0.91	0.36	-0.04	-0.19		ppb
Selenium	77-2	1.37	1.68	2.86	1.97	40.07	ppb
Selenium	78-2	0.80	1.82	1.79	1.47	39.45	ppb
Silicon	28-1	181.29	189.30	187.15	185.91	2.23	ppb
Silver	107-1	0.09	0.06	0.06	0.07	27.42	ppb
Silver	109-1	0.08	0.06	0.06	0.06	15.42	ppb
Sodium	23-2	46.07	48.29	49.77	48.05	3.87	ppb
Strontium	86-1	11.47	11.65	11.74	11.62	1.17	ppb
Strontium	88-1	11.65	11.70	11.83	11.72	0.77	ppb
Sulfur	34-1	-4531.87	-4405.90	-4501.94	-4479.91		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.09	0.08	0.08	3.00	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	5.30	ppb
Tin	118-1	0.45	0.34	0.41	0.40	13.47	ppb
Titanium	47-1	306.93	317.03	312.33	312.10	1.62	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:44:13	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.15	0.15	0.15	3.01	ppb
Vanadium	51-2	41.44	41.73	41.84	41.67	0.50	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	42.15	42.96	42.81	42.64	1.01	ppb
Zirconium	90-1	1.49	1.47	1.54	1.50	2.31	ppb
Zirconium	91-1	1.44	1.49	1.43	1.45	2.23	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:47:29	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5185.88	5190.38	5170.86	5182.37	0.20	ppb
Antimony	121-1	0.46	0.47	0.49	0.47	2.54	ppb
Arsenic	75-2	15.56	15.87	16.05	15.83	1.59	ppb
Barium	135-1	47.22	46.92	47.75	47.30	0.89	ppb
Barium	137-1	45.67	46.13	46.78	46.19	1.20	ppb
Beryllium	9-1	0.25	0.18	0.19	0.21	15.64	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.17	0.40	0.08	0.22	75.88	ppb
Cadmium	106-1	0.39	-0.19	-0.16	0.01	2510.53	ppb
Cadmium	111-1	0.19	0.13	0.12	0.15	27.49	ppb
Calcium	43-1	2457.14	2498.43	2496.02	2483.86	0.93	ppb
Calcium	44-1	2501.23	2564.02	2567.80	2544.35	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.63	9.75	9.77	9.71	0.79	ppb
Cobalt	59-2	7.67	7.51	7.71	7.63	1.34	ppb
Copper	63-2	13.89	13.81	13.88	13.86	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				112		%
Indium	115-2				108		%
Iron	56-2	19918.57	19869.76	19934.79	19907.71	0.17	ppb
Iron	57-2	19842.78	20091.63	20004.97	19979.79	0.63	ppb
Iron	54-2	20146.38	19944.74	20178.83	20089.98	0.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:47:29	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.04	8.09	8.31	8.15	1.74	ppb
Lead	207-1	8.30	8.12	8.10	8.17	1.35	ppb
Lead	208-1	8.08	8.14	8.16	8.13	0.49	ppb
Lithium	6-1				93		%
Magnesium	24-2	2183.85	2185.81	2175.79	2181.82	0.24	ppb
Manganese	55-2	292.94	291.02	293.88	292.61	0.50	ppb
Molybdenum	94-1	2.66	2.60	2.69	2.65	1.81	ppb
Molybdenum	95-1	0.23	0.22	0.25	0.23	6.97	ppb
Molybdenum	96-1	0.58	0.62	0.59	0.60	3.62	ppb
Molybdenum	97-1	0.27	0.24	0.29	0.27	9.21	ppb
Molybdenum	98-1	0.22	0.27	0.25	0.25	10.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.63	6.53	6.49	6.55	1.13	ppb
Phosphorus	31-2	518.35	499.62	488.16	502.05	3.04	ppb
Potassium	39-2	1603.74	1627.57	1610.40	1613.90	0.76	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	0.68	0.94	0.07	0.57	79.06	ppb
Selenium	77-2	4.01	2.80	1.94	2.91	35.68	ppb
Selenium	78-2	0.06	2.05	2.31	1.47	83.27	ppb
Silicon	28-1	186.43	190.00	190.46	188.96	1.17	ppb
Silver	107-1	0.03	0.04	0.04	0.04	12.52	ppb
Silver	109-1	0.04	0.05	0.04	0.04	8.48	ppb
Sodium	23-2	43.57	44.06	43.05	43.56	1.15	ppb
Strontium	86-1	11.97	11.92	12.08	11.99	0.66	ppb
Strontium	88-1	11.86	11.79	11.99	11.88	0.88	ppb
Sulfur	34-1	-4585.00	-4377.76	-4402.93	-4455.23		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.08	0.08	0.08	3.93	ppb
Thallium	205-1	0.08	0.09	0.10	0.09	11.93	ppb
Tin	118-1	0.42	0.41	0.45	0.43	4.44	ppb
Titanium	47-1	311.24	315.20	320.39	315.61	1.45	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:47:29	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.14	0.14	0.14	4.54	ppb
Vanadium	51-2	41.62	41.62	41.84	41.69	0.31	ppb
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	43.43	44.39	44.38	44.07	1.26	ppb
Zirconium	90-1	1.48	1.50	1.52	1.50	1.21	ppb
Zirconium	91-1	1.51	1.45	1.44	1.47	2.54	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAP2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:50:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1767.16	1831.32	1800.02	1799.50	1.78	ppb
Antimony	121-1	0.19	0.19	0.16	0.18	10.30	ppb
Arsenic	75-2	15.38	14.87	15.96	15.40	3.53	ppb
Barium	135-1	17.03	17.23	17.53	17.26	1.46	ppb
Barium	137-1	16.93	17.28	17.24	17.15	1.12	ppb
Beryllium	9-1	0.11	0.09	0.05	0.08	40.00	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.12	0.09	0.10	15.39	ppb
Cadmium	106-1	-0.01	-0.41	-0.93	-0.45		ppb
Cadmium	111-1	0.15	0.10	0.10	0.12	22.43	ppb
Calcium	43-1	774.29	781.63	795.49	783.80	1.37	ppb
Calcium	44-1	769.27	785.90	784.37	779.85	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.26	2.29	2.34	2.29	1.69	ppb
Cobalt	59-2	1.72	1.82	1.82	1.79	3.39	ppb
Copper	63-2	7.21	7.60	7.36	7.39	2.72	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				103		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	5127.80	5362.65	5177.95	5222.80	2.37	ppb
Iron	57-2	5271.89	5523.22	5442.28	5412.46	2.37	ppb
Iron	54-2	5394.18	5539.76	5493.34	5475.76	1.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAP2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:50:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.39	9.68	9.52	9.53	1.53	ppb
Lead	207-1	9.89	10.13	10.05	10.02	1.22	ppb
Lead	208-1	9.57	9.80	9.71	9.70	1.18	ppb
Lithium	6-1				91		%
Magnesium	24-2	670.58	691.62	696.26	686.15	1.99	ppb
Manganese	55-2	103.96	108.49	107.37	106.61	2.22	ppb
Molybdenum	94-1	0.61	0.64	0.69	0.65	6.09	ppb
Molybdenum	95-1	0.05	0.06	0.05	0.05	13.56	ppb
Molybdenum	96-1	0.13	0.16	0.14	0.14	9.02	ppb
Molybdenum	97-1	0.05	0.05	0.07	0.06	22.29	ppb
Molybdenum	98-1	0.07	0.06	0.06	0.06	6.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.09	2.04	1.88	2.00	5.44	ppb
Phosphorus	31-2	109.74	108.59	104.36	107.56	2.63	ppb
Potassium	39-2	476.93	498.00	491.86	488.93	2.22	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	0.18	-0.23	0.44	0.13	262.42	ppb
Selenium	77-2	0.19	0.50	0.83	0.51	62.35	ppb
Selenium	78-2	0.86	-0.11	-1.41	-0.22		ppb
Silicon	28-1	53.09	55.69	55.23	54.67	2.54	ppb
Silver	107-1	0.06	0.06	0.06	0.06	4.19	ppb
Silver	109-1	0.05	0.06	0.05	0.05	7.82	ppb
Sodium	23-2	18.62	25.96	22.68	22.42	16.40	ppb
Strontium	86-1	4.13	4.03	3.85	4.00	3.51	ppb
Strontium	88-1	3.86	3.88	3.90	3.88	0.51	ppb
Sulfur	34-1	-4017.69	-3946.43	-4157.92	-4040.68		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.03	0.04	13.01	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.31	ppb
Tin	118-1	0.09	0.10	0.11	0.10	13.02	ppb
Titanium	47-1	56.94	58.41	58.06	57.80	1.33	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAP2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:50:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.04	0.04	0.04	7.74	ppb
Vanadium	51-2	7.88	7.99	8.16	8.01	1.78	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	40.55	42.70	42.60	41.95	2.89	ppb
Zirconium	90-1	0.39	0.40	0.39	0.40	0.92	ppb
Zirconium	91-1	0.40	0.41	0.40	0.40	1.52	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:54:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1016.58	1034.08	1007.20	1019.29	1.34	ppb
Antimony	121-1	0.08	0.10	0.10	0.10	12.39	ppb
Arsenic	75-2	3.23	3.45	3.18	3.29	4.35	ppb
Barium	135-1	9.21	9.31	9.47	9.33	1.37	ppb
Barium	137-1	9.05	9.13	9.19	9.12	0.78	ppb
Beryllium	9-1	0.02	0.03	0.08	0.04	71.64	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.09	-0.01	-0.04		ppb
Cadmium	106-1	0.08	-0.29	-1.27	-0.49		ppb
Cadmium	111-1	0.03	0.02	-0.07	-0.01		ppb
Calcium	43-1	480.18	484.53	492.63	485.78	1.30	ppb
Calcium	44-1	494.68	504.84	509.39	502.97	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.48	1.48	1.52	1.50	1.62	ppb
Cobalt	59-2	1.56	1.55	1.58	1.56	0.97	ppb
Copper	63-2	2.67	2.63	2.68	2.66	0.99	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				114		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				108		%
Iron	56-2	3983.47	3952.98	3913.57	3950.01	0.89	ppb
Iron	57-2	4059.37	4151.14	4051.04	4087.18	1.36	ppb
Iron	54-2	4159.75	4237.67	4142.16	4179.86	1.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:54:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.65	1.64	1.56	1.62	3.06	ppb
Lead	207-1	1.61	1.67	1.61	1.63	1.81	ppb
Lead	208-1	1.65	1.62	1.59	1.62	2.06	ppb
Lithium	6-1				96		%
Magnesium	24-2	425.46	433.22	424.37	427.68	1.13	ppb
Manganese	55-2	57.58	58.10	56.82	57.50	1.13	ppb
Molybdenum	94-1	0.50	0.52	0.53	0.52	3.68	ppb
Molybdenum	95-1	0.03	0.04	0.06	0.04	33.32	ppb
Molybdenum	96-1	0.10	0.11	0.12	0.11	9.83	ppb
Molybdenum	97-1	0.05	0.05	0.03	0.04	27.55	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	5.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.31	1.18	1.25	1.25	5.33	ppb
Phosphorus	31-2	79.80	82.13	77.19	79.71	3.10	ppb
Potassium	39-2	305.04	313.14	304.27	307.48	1.60	ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	0.03	0.11	-0.41	-0.09		ppb
Selenium	77-2	-0.11	1.09	0.79	0.59	105.41	ppb
Selenium	78-2	-0.12	0.49	1.19	0.52	126.26	ppb
Silicon	28-1	36.81	37.89	37.83	37.51	1.62	ppb
Silver	107-1	0.01	0.00	0.01	0.01	23.55	ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.23	ppb
Sodium	23-2	7.39	6.23	5.97	6.53	11.60	ppb
Strontium	86-1	2.28	2.44	2.44	2.39	3.94	ppb
Strontium	88-1	2.34	2.30	2.37	2.34	1.67	ppb
Sulfur	34-1	-4494.45	-4415.44	-4339.48	-4416.46		ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.03	0.03	0.02	22.21	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	12.26	ppb
Tin	118-1	0.06	0.06	0.09	0.07	29.68	ppb
Titanium	47-1	61.63	61.50	64.46	62.53	2.67	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:54:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.03	0.03	0.03	10.75	ppb
Vanadium	51-2	8.08	8.24	8.22	8.18	1.05	ppb
Yttrium	89-1				116		%
Yttrium	89-2				108		%
Zinc	66-2	9.49	9.83	9.41	9.58	2.28	ppb
Zirconium	90-1	0.30	0.28	0.30	0.29	2.31	ppb
Zirconium	91-1	0.32	0.33	0.30	0.31	4.24	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:57:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5459.53	5441.27	5498.65	5466.48	0.54	ppb
Antimony	121-1	17.24	17.68	17.73	17.55	1.54	ppb
Arsenic	75-2	23.49	23.74	23.45	23.56	0.66	ppb
Barium	135-1	362.70	373.10	369.20	368.33	1.43	ppb
Barium	137-1	359.72	366.62	369.80	365.38	1.41	ppb
Beryllium	9-1	9.46	9.57	9.58	9.53	0.71	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.17	8.74	7.94	8.28	4.98	ppb
Cadmium	106-1	6.72	8.60	7.07	7.46	13.43	ppb
Cadmium	111-1	8.65	8.98	8.94	8.86	2.00	ppb
Calcium	43-1	2357.85	2441.73	2490.00	2429.86	2.75	ppb
Calcium	44-1	2428.69	2476.51	2519.05	2474.75	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.21	43.26	43.53	43.33	0.40	ppb
Cobalt	59-2	94.87	95.11	95.74	95.24	0.47	ppb
Copper	63-2	54.41	54.78	54.59	54.59	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				112		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	19922.60	20086.15	20252.78	20087.18	0.82	ppb
Iron	57-2	20418.36	19874.54	20029.37	20107.43	1.39	ppb
Iron	54-2	20481.87	20575.36	20752.28	20603.17	0.67	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:57:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.95	10.91	10.99	10.95	0.37	ppb
Lead	207-1	10.99	10.95	11.30	11.08	1.74	ppb
Lead	208-1	10.94	10.85	11.07	10.95	0.98	ppb
Lithium	6-1				94		%
Magnesium	24-2	2163.59	2155.33	2192.08	2170.33	0.89	ppb
Manganese	55-2	376.10	374.84	374.78	375.24	0.20	ppb
Molybdenum	94-1	2.66	2.67	2.64	2.66	0.62	ppb
Molybdenum	95-1	0.24	0.20	0.24	0.23	8.83	ppb
Molybdenum	96-1	0.56	0.56	0.59	0.57	2.95	ppb
Molybdenum	97-1	0.22	0.26	0.20	0.23	12.24	ppb
Molybdenum	98-1	0.22	0.20	0.21	0.21	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.58	93.62	94.41	94.20	0.55	ppb
Phosphorus	31-2	506.13	506.05	526.44	512.87	2.29	ppb
Potassium	39-2	1614.85	1598.83	1609.83	1607.84	0.51	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	19.03	19.34	18.08	18.82	3.48	ppb
Selenium	77-2	18.70	19.51	21.06	19.76	6.05	ppb
Selenium	78-2	19.28	19.05	19.77	19.37	1.89	ppb
Silicon	28-1	183.81	188.37	196.40	189.53	3.37	ppb
Silver	107-1	7.28	7.60	7.72	7.53	3.00	ppb
Silver	109-1	7.23	7.55	7.50	7.43	2.28	ppb
Sodium	23-2	39.01	38.49	42.24	39.91	5.09	ppb
Strontium	86-1	11.73	11.77	11.99	11.83	1.17	ppb
Strontium	88-1	11.79	11.90	11.88	11.85	0.50	ppb
Sulfur	34-1	-4095.09	-4190.03	-4136.39	-4140.50		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	7.69	7.56	7.78	7.68	1.44	ppb
Thallium	205-1	7.64	7.56	7.70	7.64	0.90	ppb
Tin	118-1	0.39	0.40	0.45	0.41	7.31	ppb
Titanium	47-1	309.28	312.36	320.03	313.89	1.76	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:57:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.14	0.14	0.15	4.66	ppb
Vanadium	51-2	129.35	128.76	129.29	129.13	0.25	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	128.56	126.36	126.47	127.13	0.98	ppb
Zirconium	90-1	1.54	1.51	1.53	1.52	0.90	ppb
Zirconium	91-1	1.52	1.52	1.52	1.52	0.26	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:00:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6421.48	6386.88	6427.78	6412.05	0.34	ppb
Antimony	121-1	72.74	74.83	74.44	74.00	1.50	ppb
Arsenic	75-2	46.02	44.98	43.64	44.88	2.66	ppb
Barium	135-1	1491.97	1518.27	1503.74	1504.66	0.88	ppb
Barium	137-1	1452.80	1523.43	1480.26	1485.50	2.40	ppb
Beryllium	9-1	38.95	38.67	39.45	39.03	1.02	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.44	34.41	37.09	34.98	5.41	ppb
Cadmium	106-1	32.71	34.77	33.54	33.67	3.07	ppb
Cadmium	111-1	37.72	38.61	37.63	37.99	1.42	ppb
Calcium	43-1	2394.30	2424.13	2379.54	2399.32	0.95	ppb
Calcium	44-1	2416.03	2438.12	2453.39	2435.85	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	157.07	155.21	156.40	156.22	0.60	ppb
Cobalt	59-2	376.01	369.75	373.05	372.94	0.84	ppb
Copper	63-2	185.66	185.43	184.81	185.30	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				112		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	20018.89	20245.36	20218.97	20161.08	0.61	ppb
Iron	57-2	20207.52	20193.56	19922.82	20107.97	0.80	ppb
Iron	54-2	20657.22	20442.37	20895.04	20664.88	1.10	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:00:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.22	21.05	20.73	21.00	1.20	ppb
Lead	207-1	20.70	20.46	20.14	20.43	1.38	ppb
Lead	208-1	20.69	20.67	20.27	20.54	1.16	ppb
Lithium	6-1				92		%
Magnesium	24-2	2092.24	2093.70	2084.77	2090.24	0.23	ppb
Manganese	55-2	634.57	633.65	642.50	636.91	0.76	ppb
Molybdenum	94-1	2.52	2.63	2.59	2.58	2.08	ppb
Molybdenum	95-1	0.22	0.22	0.25	0.23	8.03	ppb
Molybdenum	96-1	0.55	0.56	0.61	0.57	6.11	ppb
Molybdenum	97-1	0.23	0.25	0.21	0.23	7.98	ppb
Molybdenum	98-1	0.24	0.24	0.23	0.24	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	373.62	373.23	375.21	374.02	0.28	ppb
Phosphorus	31-2	498.24	493.27	486.35	492.62	1.21	ppb
Potassium	39-2	1567.07	1548.51	1563.26	1559.61	0.63	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	79.74	77.81	80.73	79.43	1.87	ppb
Selenium	77-2	80.47	78.67	82.58	80.57	2.43	ppb
Selenium	78-2	88.49	77.05	81.44	82.33	7.01	ppb
Silicon	28-1	183.08	187.01	185.12	185.07	1.06	ppb
Silver	107-1	25.80	26.28	26.25	26.11	1.02	ppb
Silver	109-1	25.55	26.49	26.12	26.05	1.82	ppb
Sodium	23-2	42.40	40.14	39.55	40.70	3.69	ppb
Strontium	86-1	11.55	11.54	11.72	11.60	0.90	ppb
Strontium	88-1	11.54	11.38	11.66	11.52	1.22	ppb
Sulfur	34-1	-4412.91	-4417.47	-4548.77	-4459.72		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	32.22	32.41	31.41	32.01	1.65	ppb
Thallium	205-1	32.29	32.27	31.88	32.14	0.72	ppb
Tin	118-1	0.39	0.37	0.37	0.38	2.48	ppb
Titanium	47-1	303.51	309.05	304.12	305.56	0.99	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:00:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.15	0.15	3.31	ppb
Vanadium	51-2	406.67	403.43	403.02	404.37	0.49	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	399.56	393.93	399.74	397.74	0.83	ppb
Zirconium	90-1	1.41	1.50	1.44	1.45	2.98	ppb
Zirconium	91-1	1.48	1.40	1.50	1.46	3.67	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:03:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5250.45	5228.43	5210.20	5229.69	0.39	ppb
Antimony	121-1	0.46	0.43	0.43	0.44	3.61	ppb
Arsenic	75-2	14.07	13.98	13.49	13.85	2.28	ppb
Barium	135-1	40.65	41.05	42.83	41.51	2.80	ppb
Barium	137-1	40.93	40.72	41.78	41.14	1.36	ppb
Beryllium	9-1	0.25	0.17	0.24	0.22	18.62	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.32	0.26	0.21	0.26	22.07	ppb
Cadmium	106-1	-0.01	-1.15	0.25	-0.31		ppb
Cadmium	111-1	0.09	0.02	0.10	0.07	68.11	ppb
Calcium	43-1	1987.48	2024.46	2018.93	2010.29	0.99	ppb
Calcium	44-1	2013.31	2062.67	2049.47	2041.82	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.63	6.76	6.83	6.74	1.52	ppb
Cobalt	59-2	5.94	5.97	5.88	5.93	0.80	ppb
Copper	63-2	12.86	12.92	12.75	12.84	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				112		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	16677.65	16551.07	16693.40	16640.71	0.47	ppb
Iron	57-2	17265.47	17093.26	17211.77	17190.17	0.51	ppb
Iron	54-2	16951.93	17046.44	16656.42	16884.93	1.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:03:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.35	7.35	7.29	7.33	0.48	ppb
Lead	207-1	7.57	7.35	7.42	7.45	1.52	ppb
Lead	208-1	7.39	7.33	7.34	7.35	0.47	ppb
Lithium	6-1				92		%
Magnesium	24-2	2338.15	2317.10	2337.62	2330.96	0.51	ppb
Manganese	55-2	269.85	267.44	269.15	268.81	0.46	ppb
Molybdenum	94-1	2.53	2.57	2.65	2.58	2.25	ppb
Molybdenum	95-1	0.32	0.30	0.34	0.32	6.68	ppb
Molybdenum	96-1	0.63	0.67	0.60	0.63	5.63	ppb
Molybdenum	97-1	0.29	0.30	0.32	0.30	3.77	ppb
Molybdenum	98-1	0.31	0.30	0.30	0.31	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.45	6.53	6.51	6.50	0.67	ppb
Phosphorus	31-2	354.37	350.69	371.77	358.94	3.14	ppb
Potassium	39-2	1529.39	1523.56	1530.61	1527.85	0.25	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	0.25	0.05	0.32	0.20	69.02	ppb
Selenium	77-2	3.70	3.20	2.55	3.15	18.23	ppb
Selenium	78-2	0.38	0.75	1.63	0.92	70.26	ppb
Silicon	28-1	159.99	165.40	161.45	162.28	1.72	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.40	ppb
Silver	109-1	0.05	0.05	0.04	0.05	11.84	ppb
Sodium	23-2	33.50	35.95	34.92	34.79	3.54	ppb
Strontium	86-1	10.15	10.22	10.40	10.26	1.24	ppb
Strontium	88-1	10.12	10.24	10.35	10.24	1.11	ppb
Sulfur	34-1	-4400.68	-4360.19	-4468.93	-4409.93		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.05	0.04	0.05	8.77	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	13.30	ppb
Tin	118-1	0.27	0.28	0.30	0.28	6.66	ppb
Titanium	47-1	216.61	220.48	219.88	218.99	0.95	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:03:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.11	0.12	0.12	3.87	ppb
Vanadium	51-2	28.11	27.87	27.92	27.97	0.45	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	47.56	47.32	46.80	47.22	0.82	ppb
Zirconium	90-1	1.42	1.54	1.47	1.47	4.08	ppb
Zirconium	91-1	1.45	1.49	1.43	1.46	1.79	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:07:13	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5312.66	5261.23	5335.36	5303.08	0.72	ppb
Antimony	121-1	0.40	0.41	0.42	0.41	2.66	ppb
Arsenic	75-2	13.50	13.41	13.04	13.32	1.82	ppb
Barium	135-1	41.91	42.06	42.09	42.02	0.23	ppb
Barium	137-1	41.55	41.63	41.90	41.69	0.44	ppb
Beryllium	9-1	0.29	0.25	0.26	0.27	6.73	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.29	0.26	0.23	0.26	10.82	ppb
Cadmium	106-1	-0.03	-0.01	-0.39	-0.14		ppb
Cadmium	111-1	0.09	0.13	0.08	0.10	26.55	ppb
Calcium	43-1	2000.38	1991.91	1939.66	1977.32	1.66	ppb
Calcium	44-1	2015.45	2002.88	2004.42	2007.58	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.66	6.78	6.81	6.75	1.15	ppb
Cobalt	59-2	5.99	6.02	6.10	6.04	0.96	ppb
Copper	63-2	13.07	12.95	13.08	13.03	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				113		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	16995.99	17118.03	16888.08	17000.70	0.68	ppb
Iron	57-2	17504.04	17502.26	17533.22	17513.18	0.10	ppb
Iron	54-2	17107.59	17019.89	17270.29	17132.59	0.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:07:13	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.75	7.47	7.58	7.60	1.85	ppb
Lead	207-1	7.54	7.51	7.43	7.49	0.73	ppb
Lead	208-1	7.54	7.38	7.43	7.45	1.06	ppb
Lithium	6-1				93		%
Magnesium	24-2	2402.77	2368.38	2367.10	2379.41	0.85	ppb
Manganese	55-2	274.76	274.35	273.78	274.30	0.18	ppb
Molybdenum	94-1	2.58	2.61	2.52	2.57	1.83	ppb
Molybdenum	95-1	0.30	0.30	0.29	0.30	1.54	ppb
Molybdenum	96-1	0.64	0.65	0.62	0.64	2.09	ppb
Molybdenum	97-1	0.27	0.33	0.31	0.30	8.68	ppb
Molybdenum	98-1	0.30	0.30	0.30	0.30	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.73	6.62	6.68	6.67	0.82	ppb
Phosphorus	31-2	341.76	360.36	354.16	352.09	2.69	ppb
Potassium	39-2	1558.71	1549.60	1555.78	1554.70	0.30	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	-0.21	-0.08	0.57	0.10	439.87	ppb
Selenium	77-2	2.82	1.67	3.09	2.53	29.74	ppb
Selenium	78-2	0.40	1.69	0.48	0.85	84.60	ppb
Silicon	28-1	159.68	156.49	153.15	156.44	2.09	ppb
Silver	107-1	0.03	0.02	0.03	0.03	10.39	ppb
Silver	109-1	0.03	0.03	0.03	0.03	4.55	ppb
Sodium	23-2	28.39	29.77	28.96	29.04	2.39	ppb
Strontium	86-1	10.41	10.46	10.20	10.36	1.36	ppb
Strontium	88-1	10.25	10.22	10.28	10.25	0.31	ppb
Sulfur	34-1	-4506.38	-4591.62	-4580.97	-4559.66		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.05	0.04	0.05	12.36	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	14.09	ppb
Tin	118-1	0.24	0.24	0.24	0.24	1.64	ppb
Titanium	47-1	217.11	217.94	220.03	218.36	0.69	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:07:13	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.11	0.13	0.12	4.89	ppb
Vanadium	51-2	28.64	28.53	28.76	28.64	0.40	ppb
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	43.63	43.22	42.88	43.24	0.86	ppb
Zirconium	90-1	1.44	1.40	1.44	1.43	1.54	ppb
Zirconium	91-1	1.44	1.41	1.40	1.42	1.55	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAM9L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 18:10:33	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1122.78	1117.24	1117.24	1119.09	0.29	ppb
Antimony	121-1	0.08	0.10	0.10	0.09	11.55	ppb
Arsenic	75-2	2.39	2.77	2.57	2.58	7.33	ppb
Barium	135-1	8.48	8.25	8.36	8.36	1.38	ppb
Barium	137-1	8.68	7.97	8.07	8.24	4.69	ppb
Beryllium	9-1	0.06	0.04	0.09	0.06	41.33	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	-0.06	-0.04	0.00		ppb
Cadmium	106-1	-0.50	-1.01	-0.86	-0.79		ppb
Cadmium	111-1	-0.01	-0.03	-0.03	-0.02		ppb
Calcium	43-1	435.90	421.61	432.49	430.00	1.74	ppb
Calcium	44-1	447.11	425.80	433.25	435.38	2.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.37	1.32	1.33	1.34	1.69	ppb
Cobalt	59-2	1.17	1.18	1.17	1.17	0.55	ppb
Copper	63-2	2.83	2.71	2.64	2.73	3.57	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				112		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	3355.38	3274.84	3247.67	3292.63	1.70	ppb
Iron	57-2	3414.20	3414.35	3376.68	3401.74	0.64	ppb
Iron	54-2	3491.30	3477.36	3445.32	3471.32	0.68	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAM9L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 18:10:33	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.45	1.44	1.44	1.44	0.24	ppb
Lead	207-1	1.51	1.42	1.44	1.45	3.18	ppb
Lead	208-1	1.46	1.45	1.43	1.45	1.06	ppb
Lithium	6-1				94		%
Magnesium	24-2	462.63	467.09	460.89	463.54	0.69	ppb
Manganese	55-2	53.06	52.88	52.66	52.86	0.38	ppb
Molybdenum	94-1	0.50	0.51	0.51	0.51	1.16	ppb
Molybdenum	95-1	0.06	0.07	0.08	0.07	16.75	ppb
Molybdenum	96-1	0.15	0.12	0.13	0.14	12.02	ppb
Molybdenum	97-1	0.07	0.08	0.07	0.07	12.32	ppb
Molybdenum	98-1	0.07	0.06	0.08	0.07	10.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.36	1.29	1.39	1.35	3.49	ppb
Phosphorus	31-2	78.72	58.87	58.60	65.40	17.65	ppb
Potassium	39-2	293.34	290.00	287.60	290.31	0.99	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	-0.17	-0.03	-0.50	-0.23		ppb
Selenium	77-2	-0.11	0.19	0.49	0.19	155.78	ppb
Selenium	78-2	-0.76	0.76	0.47	0.16	518.76	ppb
Silicon	28-1	30.64	28.94	28.91	29.49	3.37	ppb
Silver	107-1	0.00	0.01	0.01	0.01	40.28	ppb
Silver	109-1	0.01	0.01	0.01	0.01	42.34	ppb
Sodium	23-2	1.69	4.07	-0.17	1.86	114.04	ppb
Strontium	86-1	2.14	2.10	2.07	2.10	1.74	ppb
Strontium	88-1	2.12	2.03	2.04	2.06	2.28	ppb
Sulfur	34-1	-4329.41	-4663.00	-4557.85	-4516.76		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.02	0.01	0.02	26.58	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	23.38	ppb
Tin	118-1	0.05	0.04	0.05	0.05	19.90	ppb
Titanium	47-1	44.72	43.26	42.94	43.64	2.17	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAM9L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 18:10:33	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.03	0.02	0.02	3.63	ppb
Vanadium	51-2	5.61	5.59	5.47	5.56	1.34	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	12.18	11.85	12.74	12.26	3.69	ppb
Zirconium	90-1	0.28	0.28	0.28	0.28	0.83	ppb
Zirconium	91-1	0.30	0.31	0.30	0.30	0.92	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:13:51	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5778.66	5749.90	5703.20	5743.92	0.66	ppb
Antimony	121-1	16.99	16.96	17.63	17.19	2.18	ppb
Arsenic	75-2	21.44	21.61	21.18	21.41	1.01	ppb
Barium	135-1	372.54	371.23	381.51	375.09	1.49	ppb
Barium	137-1	370.98	366.73	379.75	372.49	1.78	ppb
Beryllium	9-1	9.47	10.00	9.70	9.72	2.77	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.05	7.96	8.26	8.09	1.89	ppb
Cadmium	106-1	8.14	8.17	8.07	8.13	0.61	ppb
Cadmium	111-1	9.00	8.50	8.77	8.76	2.85	ppb
Calcium	43-1	2019.14	2032.53	2013.04	2021.57	0.49	ppb
Calcium	44-1	2058.38	2063.95	2045.42	2055.92	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.18	44.60	44.69	44.82	0.69	ppb
Cobalt	59-2	94.80	94.65	93.73	94.39	0.62	ppb
Copper	63-2	54.61	55.07	54.24	54.64	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				113		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	17243.63	17419.82	17171.57	17278.34	0.74	ppb
Iron	57-2	17905.98	17846.27	17927.68	17893.31	0.24	ppb
Iron	54-2	17735.36	17525.37	17274.74	17511.82	1.32	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:13:51	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.38	10.76	10.63	10.59	1.78	ppb
Lead	207-1	10.40	10.89	10.37	10.55	2.78	ppb
Lead	208-1	10.29	10.63	10.47	10.47	1.62	ppb
Lithium	6-1				95		%
Magnesium	24-2	2411.20	2403.65	2409.08	2407.98	0.16	ppb
Manganese	55-2	365.48	367.12	362.49	365.03	0.64	ppb
Molybdenum	94-1	2.78	2.71	2.71	2.73	1.57	ppb
Molybdenum	95-1	0.33	0.35	0.36	0.35	3.29	ppb
Molybdenum	96-1	0.66	0.67	0.67	0.67	1.01	ppb
Molybdenum	97-1	0.34	0.33	0.35	0.34	2.75	ppb
Molybdenum	98-1	0.35	0.34	0.34	0.35	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.49	98.89	99.06	99.15	0.31	ppb
Phosphorus	31-2	375.06	354.96	372.18	367.40	2.96	ppb
Potassium	39-2	1565.77	1567.09	1563.28	1565.38	0.12	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	20.85	23.03	23.21	22.37	5.87	ppb
Selenium	77-2	24.62	26.35	25.19	25.39	3.47	ppb
Selenium	78-2	21.36	22.47	23.33	22.39	4.41	ppb
Silicon	28-1	156.26	153.90	155.62	155.26	0.79	ppb
Silver	107-1	7.44	7.41	7.79	7.55	2.82	ppb
Silver	109-1	7.40	7.47	7.67	7.51	1.81	ppb
Sodium	23-2	28.47	30.26	25.93	28.22	7.71	ppb
Strontium	86-1	10.72	10.56	10.48	10.59	1.17	ppb
Strontium	88-1	10.44	10.53	10.62	10.53	0.83	ppb
Sulfur	34-1	-4317.90	-4429.56	-4476.09	-4407.85		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	7.18	7.60	7.21	7.33	3.18	ppb
Thallium	205-1	7.31	7.48	7.33	7.37	1.31	ppb
Tin	118-1	0.25	0.21	0.26	0.24	10.58	ppb
Titanium	47-1	220.21	218.56	218.41	219.06	0.46	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:13:51	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.12	0.12	0.12	0.83	ppb
Vanadium	51-2	116.25	117.55	117.79	117.20	0.70	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	131.17	130.85	129.63	130.55	0.62	ppb
Zirconium	90-1	1.44	1.46	1.48	1.46	1.49	ppb
Zirconium	91-1	1.47	1.41	1.40	1.43	2.44	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:17:11	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6435.81	6453.26	6471.56	6453.55	0.28	ppb
Antimony	121-1	71.58	74.21	73.69	73.16	1.90	ppb
Arsenic	75-2	42.47	41.62	40.73	41.61	2.09	ppb
Barium	135-1	1329.23	1342.49	1329.16	1333.63	0.58	ppb
Barium	137-1	1319.62	1331.74	1322.40	1324.59	0.48	ppb
Beryllium	9-1	34.41	33.52	34.11	34.01	1.33	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.00	34.64	34.42	34.69	0.84	ppb
Cadmium	106-1	34.86	33.97	33.12	33.98	2.56	ppb
Cadmium	111-1	37.33	38.01	37.61	37.65	0.92	ppb
Calcium	43-1	1967.08	2017.05	2057.15	2013.76	2.24	ppb
Calcium	44-1	1977.50	2047.35	2077.78	2034.21	2.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	138.43	138.00	138.47	138.30	0.19	ppb
Cobalt	59-2	331.52	332.25	328.91	330.89	0.53	ppb
Copper	63-2	166.17	165.18	165.54	165.63	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				113		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	56-2	17618.75	17396.30	17465.01	17493.35	0.65	ppb
Iron	57-2	18061.54	17876.00	17950.44	17962.66	0.52	ppb
Iron	54-2	17787.74	17296.18	17743.78	17609.23	1.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:17:11	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.25	20.51	20.33	20.36	0.66	ppb
Lead	207-1	20.01	20.32	20.37	20.23	0.97	ppb
Lead	208-1	20.04	20.26	20.07	20.12	0.59	ppb
Lithium	6-1				96		%
Magnesium	24-2	2333.44	2346.94	2343.25	2341.21	0.30	ppb
Manganese	55-2	578.65	577.74	588.95	581.78	1.07	ppb
Molybdenum	94-1	2.53	2.60	2.64	2.59	2.10	ppb
Molybdenum	95-1	0.30	0.31	0.30	0.30	2.24	ppb
Molybdenum	96-1	0.58	0.63	0.63	0.61	4.51	ppb
Molybdenum	97-1	0.31	0.29	0.36	0.32	11.38	ppb
Molybdenum	98-1	0.31	0.32	0.31	0.31	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	335.18	335.87	336.94	336.00	0.26	ppb
Phosphorus	31-2	333.23	364.36	362.69	353.43	4.95	ppb
Potassium	39-2	1518.94	1526.73	1509.65	1518.44	0.56	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	79.86	82.18	82.25	81.43	1.67	ppb
Selenium	77-2	76.04	83.03	80.59	79.89	4.44	ppb
Selenium	78-2	80.71	88.38	87.02	85.37	4.80	ppb
Silicon	28-1	150.33	153.29	160.10	154.58	3.24	ppb
Silver	107-1	18.04	18.71	18.83	18.53	2.32	ppb
Silver	109-1	18.31	18.81	18.77	18.63	1.50	ppb
Sodium	23-2	27.72	28.32	28.80	28.28	1.92	ppb
Strontium	86-1	9.97	10.23	10.38	10.19	2.02	ppb
Strontium	88-1	9.97	10.18	10.28	10.14	1.56	ppb
Sulfur	34-1	-4544.01	-4390.79	-4253.58	-4396.13		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	32.12	31.94	32.04	32.03	0.28	ppb
Thallium	205-1	31.94	32.30	32.07	32.11	0.57	ppb
Tin	118-1	0.20	0.24	0.27	0.23	16.15	ppb
Titanium	47-1	213.29	218.58	224.09	218.65	2.47	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:17:11	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.12	0.12	0.12	3.29	ppb
Vanadium	51-2	352.33	352.91	348.59	351.28	0.67	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	359.50	360.94	360.94	360.46	0.23	ppb
Zirconium	90-1	1.41	1.43	1.62	1.49	7.91	ppb
Zirconium	91-1	1.46	1.41	1.44	1.44	1.64	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:20:22	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62068.23	63336.48	62993.87	62799.53	1.04	ppb
Antimony	121-1	510.52	526.37	529.01	521.97	1.92	ppb
Arsenic	75-2	501.21	481.40	481.22	487.94	2.36	ppb
Barium	135-1	2382.71	2445.51	2444.57	2424.27	1.48	ppb
Barium	137-1	2381.80	2483.61	2417.89	2427.77	2.13	ppb
Beryllium	9-1	520.04	516.87	524.04	520.32	0.69	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	485.23	501.18	494.61	493.67	1.62	ppb
Cadmium	106-1	494.25	502.35	499.25	498.62	0.82	ppb
Cadmium	111-1	485.01	500.59	497.24	494.28	1.66	ppb
Calcium	43-1	243919.84	250361.59	248641.67	247641.04	1.35	ppb
Calcium	44-1	240960.88	245746.65	247729.19	244812.24	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.51	481.70	480.42	481.21	0.14	ppb
Cobalt	59-2	489.16	483.92	494.22	489.10	1.05	ppb
Copper	63-2	4774.83	4766.24	4779.29	4773.45	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				117		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	120491.10	121930.09	120654.82	121025.34	0.65	ppb
Iron	57-2	120355.72	123622.71	121520.59	121833.01	1.36	ppb
Iron	54-2	121414.71	122782.51	121444.70	121880.64	0.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:20:22	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2400.19	2452.45	2419.10	2423.91	1.09	ppb
Lead	207-1	2428.83	2438.75	2423.62	2430.40	0.32	ppb
Lead	208-1	2392.04	2420.54	2420.84	2411.14	0.69	ppb
Lithium	6-1				98		%
Magnesium	24-2	240685.43	241771.66	241136.15	241197.74	0.23	ppb
Manganese	55-2	4730.54	4739.57	4770.98	4747.03	0.45	ppb
Molybdenum	94-1	4752.21	4887.36	4927.38	4855.65	1.89	ppb
Molybdenum	95-1	4748.12	4855.39	4892.19	4831.90	1.55	ppb
Molybdenum	96-1	4743.45	4864.09	4858.08	4821.88	1.41	ppb
Molybdenum	97-1	4722.80	4855.26	4848.57	4808.88	1.55	ppb
Molybdenum	98-1	4723.85	4906.16	4789.42	4806.48	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.26	484.71	483.53	483.50	0.25	ppb
Phosphorus	31-2	9651.02	9686.79	9537.81	9625.21	0.81	ppb
Potassium	39-2	121746.39	122728.14	120886.77	121787.10	0.76	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	479.30	494.35	490.89	488.18	1.61	ppb
Selenium	77-2	492.76	479.90	488.41	487.02	1.34	ppb
Selenium	78-2	514.79	502.88	501.17	506.28	1.47	ppb
Silicon	28-1	429.28	431.04	423.12	427.81	0.97	ppb
Silver	107-1	494.25	499.94	497.18	497.12	0.57	ppb
Silver	109-1	495.84	504.79	502.97	501.20	0.94	ppb
Sodium	23-2	238828.29	237262.24	237376.00	237822.18	0.37	ppb
Strontium	86-1	11836.79	12231.18	12216.39	12094.79	1.85	ppb
Strontium	88-1	11713.61	12111.25	12105.21	11976.69	1.90	ppb
Sulfur	34-1	8035.58	7785.47	7243.67	7688.24	5.27	ppb
Terbium	159-1				117		%
Terbium	159-2				108		%
Thallium	203-1	478.78	484.90	493.08	485.59	1.48	ppb
Thallium	205-1	485.35	487.93	497.15	490.14	1.27	ppb
Tin	118-1	477.80	492.18	498.77	489.58	2.19	ppb
Titanium	47-1	4764.17	4905.72	4829.35	4833.08	1.47	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:20:22	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	491.41	490.60	488.65	490.22	0.29	ppb
Vanadium	51-2	481.22	489.71	481.19	484.04	1.01	ppb
Yttrium	89-1				116		%
Yttrium	89-2				107		%
Zinc	66-2	4885.60	4928.17	4847.90	4887.22	0.82	ppb
Zirconium	90-1	480.31	488.54	489.83	486.23	1.06	ppb
Zirconium	91-1	473.01	487.08	481.84	480.64	1.48	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:23:11	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.35	1.16	1.24	1.25	7.66	ppb
Antimony	121-1	0.43	0.39	0.41	0.41	4.32	ppb
Arsenic	75-2	0.03	0.03	0.02	0.03	29.20	ppb
Barium	135-1	0.08	0.06	0.06	0.06	20.31	ppb
Barium	137-1	0.10	0.08	0.07	0.08	21.36	ppb
Beryllium	9-1	0.02	0.04	0.06	0.04	42.69	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.06	0.03	0.06	51.36	ppb
Cadmium	106-1	0.54	-0.56	-1.07	-0.36		ppb
Cadmium	111-1	0.10	-0.02	-0.04	0.01	551.81	ppb
Calcium	43-1	21.08	15.02	15.04	17.05	20.48	ppb
Calcium	44-1	20.47	19.25	15.14	18.29	15.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.04	0.04	13.39	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	108.46	ppb
Copper	63-2	0.14	0.14	0.11	0.13	13.55	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				108		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	2.43	2.31	2.38	2.37	2.39	ppb
Iron	57-2	-2.18	0.84	-3.14	-1.49		ppb
Iron	54-2	2.36	3.05	4.18	3.20	28.90	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:23:11	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.17	0.16	0.12	0.15	17.13	ppb
Lead	207-1	0.17	0.17	0.16	0.17	4.84	ppb
Lead	208-1	0.18	0.16	0.14	0.16	11.03	ppb
Lithium	6-1				89		%
Magnesium	24-2	4.26	4.38	4.02	4.22	4.40	ppb
Manganese	55-2	0.11	0.11	0.09	0.10	11.66	ppb
Molybdenum	94-1	0.93	0.63	0.57	0.71	27.54	ppb
Molybdenum	95-1	0.25	0.19	0.20	0.21	15.66	ppb
Molybdenum	96-1	0.34	0.28	0.23	0.28	19.68	ppb
Molybdenum	97-1	0.25	0.20	0.23	0.23	11.19	ppb
Molybdenum	98-1	0.26	0.23	0.20	0.23	14.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.01	0.00	0.02	140.51	ppb
Phosphorus	31-2	-17.69	-11.03	-9.47	-12.73		ppb
Potassium	39-2	11.82	13.85	10.31	11.99	14.83	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	-0.31	0.19	0.93	0.27	231.27	ppb
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	0.21	0.04	0.34	0.19	78.78	ppb
Silicon	28-1	-1.77	-1.62	-2.55	-1.98		ppb
Silver	107-1	0.05	0.04	0.03	0.04	25.83	ppb
Silver	109-1	0.05	0.04	0.03	0.04	17.30	ppb
Sodium	23-2	34.00	33.79	32.19	33.33	2.97	ppb
Strontium	86-1	0.29	0.18	0.21	0.23	26.55	ppb
Strontium	88-1	0.31	0.22	0.18	0.23	28.06	ppb
Sulfur	34-1	-2825.04	-2860.98	-3298.22	-2994.75		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.06	0.06	0.07	20.04	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	11.19	ppb
Tin	118-1	0.14	0.13	0.13	0.13	5.71	ppb
Titanium	47-1	0.11	0.14	0.13	0.13	9.26	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:23:11	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	5.80	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	60.63	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	0.59	0.82	0.63	0.68	17.81	ppb
Zirconium	90-1	0.42	0.28	0.25	0.32	27.61	ppb
Zirconium	91-1	0.42	0.30	0.23	0.32	30.22	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BL	Instrumnet Name :	P7
Client Sample ID :	PBS187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:26:29	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.07	25.09	25.10	25.75	4.43	ppb
Antimony	121-1	0.05	0.09	0.09	0.08	28.46	ppb
Arsenic	75-2	0.01	0.02	0.03	0.02	62.21	ppb
Barium	135-1	0.03	0.04	0.01	0.03	44.46	ppb
Barium	137-1	0.04	0.04	0.03	0.04	14.42	ppb
Beryllium	9-1	0.02	0.04	0.01	0.02	57.37	ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	-0.03	0.05	-0.01		ppb
Cadmium	106-1	-0.20	-0.44	-0.59	-0.41		ppb
Cadmium	111-1	0.00	-0.02	-0.04	-0.02		ppb
Calcium	43-1	7.89	10.86	8.83	9.19	16.52	ppb
Calcium	44-1	7.45	7.79	8.95	8.07	9.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.06	-0.02	-0.03		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.01	0.01	0.02	0.01	35.39	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				114		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				110		%
Iron	56-2	0.36	0.47	0.45	0.43	13.62	ppb
Iron	57-2	-6.54	-4.04	-3.63	-4.74		ppb
Iron	54-2	-0.49	-0.62	-1.45	-0.86		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BL	Instrumnet Name :	P7
Client Sample ID :	PBS187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:26:29	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.05	0.06	21.11	ppb
Lead	207-1	0.08	0.09	0.07	0.08	12.79	ppb
Lead	208-1	0.08	0.07	0.07	0.07	9.79	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.65	1.87	2.20	1.90	14.48	ppb
Manganese	55-2	0.36	0.36	0.35	0.36	1.59	ppb
Molybdenum	94-1	0.04	0.05	0.06	0.05	28.78	ppb
Molybdenum	95-1	0.02	0.05	0.06	0.04	44.63	ppb
Molybdenum	96-1	0.04	0.05	0.06	0.05	17.10	ppb
Molybdenum	97-1	0.05	0.03	0.02	0.03	58.99	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.03	-0.04		ppb
Phosphorus	31-2	-15.66	-9.75	-17.90	-14.44		ppb
Potassium	39-2	-2.07	-4.34	-5.44	-3.95		ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	0.17	-0.07	-0.08	0.01	2123.11	ppb
Selenium	77-2	-0.11	-0.11	0.19	-0.01		ppb
Selenium	78-2	-0.42	0.05	-0.80	-0.39		ppb
Silicon	28-1	-3.55	-3.57	-3.31	-3.48		ppb
Silver	107-1	0.01	0.01	0.01	0.01	35.08	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.94	ppb
Sodium	23-2	13.51	11.78	10.46	11.92	12.83	ppb
Strontium	86-1	0.05	0.03	0.04	0.04	33.09	ppb
Strontium	88-1	0.06	0.06	0.05	0.06	12.50	ppb
Sulfur	34-1	-3616.59	-3567.38	-3505.26	-3563.08		ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.03	0.02	28.48	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	11.78	ppb
Tin	118-1	0.00	-0.03	0.02	0.00		ppb
Titanium	47-1	0.02	0.03	0.00	0.01	89.69	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BL	Instrumnet Name :	P7
Client Sample ID :	PBS187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:26:29	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	35.42	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	22.91	ppb
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	1.31	0.91	1.09	1.10	18.01	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	3.03	ppb
Zirconium	91-1	0.02	0.03	0.02	0.03	26.09	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BS	Instrumnet Name :	P7
Client Sample ID :	LCS187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:29:51	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.34	47.07	45.00	46.14	2.27	ppb
Antimony	121-1	4.01	4.17	4.05	4.08	2.02	ppb
Arsenic	75-2	2.24	2.18	2.33	2.25	3.35	ppb
Barium	135-1	18.39	19.14	19.21	18.91	2.40	ppb
Barium	137-1	18.15	19.07	18.83	18.68	2.57	ppb
Beryllium	9-1	2.19	2.16	2.37	2.24	5.14	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.33	2.64	2.29	2.42	7.80	ppb
Cadmium	106-1	2.17	3.37	2.13	2.56	27.48	ppb
Cadmium	111-1	2.33	2.64	2.56	2.51	6.34	ppb
Calcium	43-1	1002.73	991.46	1018.29	1004.16	1.34	ppb
Calcium	44-1	1006.82	1007.42	1014.71	1009.65	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.55	4.63	4.62	4.60	1.00	ppb
Cobalt	59-2	2.13	2.01	2.03	2.06	3.20	ppb
Copper	63-2	4.27	4.20	4.24	4.24	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				115		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				109		%
Iron	56-2	444.00	444.50	444.69	444.40	0.08	ppb
Iron	57-2	435.89	445.93	442.89	441.57	1.17	ppb
Iron	54-2	454.82	451.44	442.43	449.56	1.42	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BS	Instrumnet Name :	P7
Client Sample ID :	LCS187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:29:51	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.85	1.83	1.89	1.86	1.77	ppb
Lead	207-1	1.94	1.75	1.85	1.85	5.05	ppb
Lead	208-1	1.83	1.83	1.86	1.84	0.93	ppb
Lithium	6-1				94		%
Magnesium	24-2	1100.39	1110.75	1098.69	1103.28	0.59	ppb
Manganese	55-2	2.38	2.59	2.42	2.46	4.57	ppb
Molybdenum	94-1	10.75	10.78	11.16	10.89	2.09	ppb
Molybdenum	95-1	8.93	8.80	9.10	8.94	1.65	ppb
Molybdenum	96-1	8.88	9.16	9.30	9.11	2.34	ppb
Molybdenum	97-1	8.83	9.14	9.10	9.02	1.88	ppb
Molybdenum	98-1	8.65	9.13	8.98	8.92	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	2.20	2.30	2.21	4.07	ppb
Phosphorus	31-2	-12.49	-13.68	-16.00	-14.06		ppb
Potassium	39-2	1063.01	1077.41	1067.40	1069.27	0.69	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	10.17	11.05	11.29	10.84	5.46	ppb
Selenium	77-2	10.67	11.41	13.01	11.70	10.24	ppb
Selenium	78-2	12.84	10.92	12.60	12.12	8.60	ppb
Silicon	28-1	-0.46	-0.53	-0.09	-0.36		ppb
Silver	107-1	1.92	2.06	2.00	1.99	3.48	ppb
Silver	109-1	1.86	2.01	2.02	1.96	4.59	ppb
Sodium	23-2	1042.02	1061.20	1049.78	1051.00	0.92	ppb
Strontium	86-1	2.09	1.95	2.01	2.02	3.41	ppb
Strontium	88-1	1.98	2.03	2.06	2.02	1.96	ppb
Sulfur	34-1	-3305.35	-3327.65	-3158.12	-3263.71		ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	1.75	1.78	1.88	1.80	3.78	ppb
Thallium	205-1	1.76	1.81	1.78	1.78	1.39	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	8.90	9.13	9.13	9.06	1.47	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BS	Instrumnet Name :	P7
Client Sample ID :	LCS187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:29:51	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.66	1.69	1.71	1.68	1.57	ppb
Vanadium	51-2	10.03	10.24	10.19	10.15	1.06	ppb
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	11.39	10.82	11.97	11.39	5.03	ppb
Zirconium	90-1	2.00	2.00	2.04	2.01	0.97	ppb
Zirconium	91-1	1.99	2.02	2.04	2.02	1.26	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:33:11	DataFile Name :	049LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93.75	95.73	97.37	95.61	1.89	ppb
Antimony	121-1	2.11	2.08	2.15	2.11	1.67	ppb
Arsenic	75-2	1.03	1.00	1.02	1.02	1.51	ppb
Barium	135-1	9.83	9.44	9.69	9.65	2.03	ppb
Barium	137-1	9.71	9.70	9.70	9.70	0.09	ppb
Beryllium	9-1	1.15	1.21	1.03	1.13	8.02	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	1.54	1.25	1.27	20.75	ppb
Cadmium	106-1	1.72	1.07	0.68	1.16	45.22	ppb
Cadmium	111-1	1.37	1.30	1.25	1.30	4.93	ppb
Calcium	43-1	543.78	547.39	545.77	545.65	0.33	ppb
Calcium	44-1	542.65	558.23	552.68	551.19	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.27	2.41	2.41	2.36	3.50	ppb
Cobalt	59-2	1.02	1.01	1.03	1.02	0.77	ppb
Copper	63-2	2.31	2.29	2.37	2.32	1.81	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				114		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	224.61	228.15	229.48	227.41	1.11	ppb
Iron	57-2	225.62	227.26	224.64	225.84	0.58	ppb
Iron	54-2	230.68	231.48	230.76	230.97	0.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:33:11	DataFile Name :	049LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.95	0.99	0.99	0.98	2.46	ppb
Lead	207-1	0.93	0.99	0.96	0.96	3.00	ppb
Lead	208-1	0.95	0.98	0.97	0.97	1.29	ppb
Lithium	6-1				96		%
Magnesium	24-2	561.01	565.54	567.85	564.80	0.62	ppb
Manganese	55-2	1.56	1.54	1.61	1.57	2.32	ppb
Molybdenum	94-1	5.40	5.51	5.47	5.46	1.01	ppb
Molybdenum	95-1	4.47	4.60	4.52	4.53	1.47	ppb
Molybdenum	96-1	4.57	4.72	4.68	4.66	1.70	ppb
Molybdenum	97-1	4.49	4.66	4.65	4.60	2.02	ppb
Molybdenum	98-1	4.56	4.60	4.55	4.57	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.34	1.30	1.28	1.31	2.31	ppb
Phosphorus	31-2	-14.03	-15.41	-10.40	-13.28		ppb
Potassium	39-2	526.68	540.66	542.05	536.46	1.58	ppb
Rhodium	103-1				114		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	4.97	5.92	5.73	5.54	9.05	ppb
Selenium	77-2	3.38	3.67	3.11	3.39	8.23	ppb
Selenium	78-2	7.77	5.40	6.22	6.46	18.63	ppb
Silicon	28-1	-2.02	-1.46	-1.74	-1.74		ppb
Silver	107-1	1.01	1.02	1.05	1.02	2.09	ppb
Silver	109-1	1.00	1.00	1.00	1.00	0.26	ppb
Sodium	23-2	523.16	535.75	553.03	537.31	2.79	ppb
Strontium	86-1	0.98	1.01	1.01	1.00	1.84	ppb
Strontium	88-1	1.03	1.04	1.04	1.04	0.46	ppb
Sulfur	34-1	-3068.84	-2751.40	-2977.43	-2932.56		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.85	0.90	0.86	0.87	2.73	ppb
Thallium	205-1	0.87	0.89	0.92	0.89	2.89	ppb
Tin	118-1	0.06	0.03	0.03	0.04	35.52	ppb
Titanium	47-1	4.79	4.77	4.69	4.75	1.14	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:33:11	DataFile Name :	049LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.84	0.85	0.83	3.51	ppb
Vanadium	51-2	5.08	5.06	5.21	5.11	1.63	ppb
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	9.72	9.99	10.20	9.97	2.40	ppb
Zirconium	90-1	1.01	1.00	1.04	1.02	2.10	ppb
Zirconium	91-1	1.01	0.99	1.06	1.02	3.94	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01	Instrumnet Name :	P7
Client Sample ID :	MYDAN1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:36:32	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40692.49	40771.03	40039.00	40500.84	0.99	ppb
Antimony	121-1	1.52	1.56	1.61	1.56	2.77	ppb
Arsenic	75-2	76.13	77.27	75.42	76.27	1.22	ppb
Barium	135-1	314.84	323.04	320.29	319.39	1.31	ppb
Barium	137-1	312.85	318.87	317.77	316.50	1.01	ppb
Beryllium	9-1	1.60	1.55	1.53	1.56	2.34	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	1.97	2.00	1.98	0.62	ppb
Cadmium	106-1	3.01	2.73	2.30	2.68	13.33	ppb
Cadmium	111-1	1.26	1.22	1.25	1.24	1.61	ppb
Calcium	43-1	21368.44	21364.47	21643.29	21458.73	0.74	ppb
Calcium	44-1	20445.01	20475.18	20851.65	20590.62	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.13	46.26	47.54	46.98	1.39	ppb
Cobalt	59-2	30.25	29.91	29.86	30.01	0.72	ppb
Copper	63-2	91.01	90.83	90.82	90.89	0.11	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				111		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	74113.67	72869.91	73204.60	73396.06	0.88	ppb
Iron	57-2	72963.45	72836.98	72621.55	72807.33	0.24	ppb
Iron	54-2	73896.20	74342.71	74080.84	74106.59	0.30	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01	Instrumnet Name :	P7
Client Sample ID :	MYDAN1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:36:32	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.10	45.68	45.18	45.32	0.70	ppb
Lead	207-1	45.69	45.57	45.97	45.74	0.45	ppb
Lead	208-1	45.02	45.11	45.17	45.10	0.17	ppb
Lithium	6-1				94		%
Magnesium	24-2	14637.35	14512.75	14352.01	14500.71	0.99	ppb
Manganese	55-2	1535.75	1519.56	1527.26	1527.52	0.53	ppb
Molybdenum	94-1	21.79	21.65	22.02	21.82	0.87	ppb
Molybdenum	95-1	2.07	2.17	2.15	2.13	2.47	ppb
Molybdenum	96-1	4.59	4.49	4.55	4.54	1.13	ppb
Molybdenum	97-1	2.05	2.15	2.15	2.12	2.84	ppb
Molybdenum	98-1	2.13	2.05	2.11	2.10	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.96	40.22	40.12	40.10	0.33	ppb
Phosphorus	31-2	2010.13	1932.42	1974.09	1972.21	1.97	ppb
Potassium	39-2	8818.26	8705.59	8842.20	8788.69	0.83	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	82-1	0.93	1.70	1.40	1.34	28.81	ppb
Selenium	77-2	11.25	18.12	14.72	14.70	23.39	ppb
Selenium	78-2	3.28	3.82	4.34	3.81	13.96	ppb
Silicon	28-1	807.32	790.12	807.45	801.63	1.24	ppb
Silver	107-1	0.36	0.31	0.29	0.32	10.56	ppb
Silver	109-1	0.35	0.31	0.29	0.32	9.62	ppb
Sodium	23-2	241.35	233.48	240.57	238.47	1.82	ppb
Strontium	86-1	81.16	80.97	82.43	81.52	0.97	ppb
Strontium	88-1	84.31	81.70	83.14	83.05	1.57	ppb
Sulfur	34-1	-3273.19	-3775.96	-3859.38	-3636.18		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.32	0.38	0.36	0.36	8.15	ppb
Thallium	205-1	0.36	0.36	0.38	0.37	2.85	ppb
Tin	118-1	2.35	2.34	2.25	2.31	2.44	ppb
Titanium	47-1	1246.66	1248.24	1247.50	1247.46	0.06	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01	Instrumnet Name :	P7
Client Sample ID :	MYDAN1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:36:32	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.05	1.09	1.07	1.95	ppb
Vanadium	51-2	118.43	116.94	119.25	118.21	0.99	ppb
Yttrium	89-1				119		%
Yttrium	89-2				114		%
Zinc	66-2	267.16	262.08	265.89	265.04	1.00	ppb
Zirconium	90-1	12.21	12.09	12.35	12.21	1.05	ppb
Zirconium	91-1	12.25	12.03	11.89	12.06	1.53	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-02	Instrumnet Name :	P7
Client Sample ID :	MYDAN1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:39:43	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40345.50	40028.99	39848.73	40074.40	0.63	ppb
Antimony	121-1	1.49	1.54	1.50	1.51	1.86	ppb
Arsenic	75-2	79.44	78.06	77.19	78.23	1.45	ppb
Barium	135-1	323.10	331.12	335.91	330.04	1.96	ppb
Barium	137-1	319.47	328.89	328.49	325.61	1.64	ppb
Beryllium	9-1	1.62	1.68	1.63	1.64	2.13	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.72	1.80	1.74	1.75	2.44	ppb
Cadmium	106-1	2.54	2.03	2.27	2.28	11.20	ppb
Cadmium	111-1	1.28	1.26	1.17	1.24	4.53	ppb
Calcium	43-1	22043.60	21395.54	22181.80	21873.65	1.92	ppb
Calcium	44-1	20960.67	21035.17	21465.01	21153.62	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.70	48.07	47.88	47.89	0.38	ppb
Cobalt	59-2	31.02	31.20	31.65	31.29	1.05	ppb
Copper	63-2	90.18	89.44	90.18	89.93	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				112		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	75882.05	75227.02	77068.00	76059.02	1.23	ppb
Iron	57-2	75054.54	74950.57	76303.44	75436.18	1.00	ppb
Iron	54-2	75763.66	75526.31	76500.57	75930.18	0.67	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-02	Instrumnet Name :	P7
Client Sample ID :	MYDAN1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:39:43	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.35	45.70	46.26	45.77	1.00	ppb
Lead	207-1	46.39	45.68	46.97	46.34	1.39	ppb
Lead	208-1	45.57	45.28	46.10	45.65	0.91	ppb
Lithium	6-1				94		%
Magnesium	24-2	15230.65	14790.02	14841.74	14954.14	1.61	ppb
Manganese	55-2	1616.36	1591.06	1616.35	1607.92	0.91	ppb
Molybdenum	94-1	22.47	22.09	22.42	22.32	0.93	ppb
Molybdenum	95-1	2.71	2.62	2.72	2.68	2.16	ppb
Molybdenum	96-1	5.14	5.03	5.14	5.10	1.29	ppb
Molybdenum	97-1	2.73	2.55	2.73	2.67	3.81	ppb
Molybdenum	98-1	2.62	2.63	2.68	2.64	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.25	41.35	42.01	41.54	0.99	ppb
Phosphorus	31-2	1974.92	2062.37	2031.98	2023.09	2.19	ppb
Potassium	39-2	9205.73	9302.29	9188.71	9232.25	0.66	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				115		%
Scandium	45-2				112		%
Selenium	82-1	0.81	0.39	1.06	0.76	45.02	ppb
Selenium	77-2	15.58	18.06	15.27	16.30	9.38	ppb
Selenium	78-2	4.61	3.40	3.99	4.00	15.23	ppb
Silicon	28-1	839.38	842.81	854.08	845.42	0.91	ppb
Silver	107-1	0.27	0.29	0.30	0.29	5.35	ppb
Silver	109-1	0.28	0.28	0.30	0.28	3.91	ppb
Sodium	23-2	257.03	254.70	259.16	256.96	0.87	ppb
Strontium	86-1	83.31	82.82	83.77	83.30	0.57	ppb
Strontium	88-1	86.03	84.65	86.36	85.68	1.06	ppb
Sulfur	34-1	-4096.39	-4605.07	-4533.58	-4411.68		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.35	0.37	0.40	0.37	6.91	ppb
Thallium	205-1	0.35	0.37	0.42	0.38	8.92	ppb
Tin	118-1	2.32	2.39	2.49	2.40	3.55	ppb
Titanium	47-1	1263.70	1263.20	1263.04	1263.31	0.03	ppb

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LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-02	Instrumnet Name :	P7
Client Sample ID :	MYDAN1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:39:43	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.09	1.11	1.10	0.78	ppb
Vanadium	51-2	122.32	119.82	121.98	121.38	1.12	ppb
Yttrium	89-1				120		%
Yttrium	89-2				113		%
Zinc	66-2	274.63	275.12	274.24	274.66	0.16	ppb
Zirconium	90-1	12.17	12.23	12.47	12.29	1.30	ppb
Zirconium	91-1	12.21	12.04	12.15	12.14	0.71	ppb

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LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAN1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-27 18:42:55	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7759.03	7658.95	7664.75	7694.24	0.73	ppb
Antimony	121-1	0.30	0.31	0.31	0.31	2.30	ppb
Arsenic	75-2	15.28	15.65	14.85	15.26	2.62	ppb
Barium	135-1	57.02	62.59	61.39	60.33	4.86	ppb
Barium	137-1	59.22	59.63	60.19	59.68	0.82	ppb
Beryllium	9-1	0.28	0.29	0.25	0.27	7.57	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.36	0.34	0.15	0.28	40.70	ppb
Cadmium	106-1	0.18	-0.77	0.12	-0.16		ppb
Cadmium	111-1	0.19	0.16	0.24	0.19	21.11	ppb
Calcium	43-1	4110.88	4124.37	4142.14	4125.80	0.38	ppb
Calcium	44-1	4090.29	4091.12	4023.13	4068.18	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.34	9.13	9.05	9.18	1.64	ppb
Cobalt	59-2	6.10	6.01	5.97	6.03	1.16	ppb
Copper	63-2	17.35	17.16	17.25	17.25	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				110		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	14514.19	14467.84	14395.71	14459.24	0.41	ppb
Iron	57-2	15061.74	14982.35	14830.63	14958.24	0.79	ppb
Iron	54-2	15053.00	14498.90	14620.64	14724.18	1.98	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAN1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-27 18:42:55	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.54	8.48	8.63	8.55	0.89	ppb
Lead	207-1	9.03	8.30	8.86	8.73	4.37	ppb
Lead	208-1	8.64	8.22	8.57	8.48	2.68	ppb
Lithium	6-1				90		%
Magnesium	24-2	2950.69	2953.56	2905.83	2936.69	0.91	ppb
Manganese	55-2	306.16	303.20	301.50	303.62	0.78	ppb
Molybdenum	94-1	4.38	4.27	4.47	4.37	2.25	ppb
Molybdenum	95-1	0.43	0.43	0.46	0.44	3.45	ppb
Molybdenum	96-1	0.93	0.91	0.96	0.93	2.69	ppb
Molybdenum	97-1	0.43	0.40	0.43	0.42	4.06	ppb
Molybdenum	98-1	0.42	0.42	0.46	0.43	4.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.92	7.86	7.89	7.89	0.38	ppb
Phosphorus	31-2	390.17	398.12	378.58	388.96	2.53	ppb
Potassium	39-2	1869.98	1843.42	1846.54	1853.31	0.78	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	0.10	0.46	0.66	0.41	70.76	ppb
Selenium	77-2	1.69	3.53	3.78	3.00	37.98	ppb
Selenium	78-2	1.17	0.28	-0.13	0.44	150.95	ppb
Silicon	28-1	158.98	157.87	162.34	159.73	1.46	ppb
Silver	107-1	0.05	0.05	0.05	0.05	5.63	ppb
Silver	109-1	0.07	0.07	0.06	0.07	5.95	ppb
Sodium	23-2	53.92	52.12	52.00	52.68	2.04	ppb
Strontium	86-1	16.83	16.12	16.64	16.53	2.22	ppb
Strontium	88-1	16.33	15.80	16.56	16.23	2.41	ppb
Sulfur	34-1	-4607.78	-4961.42	-4786.21	-4785.14		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.11	0.09	0.11	0.11	10.68	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	5.63	ppb
Tin	118-1	0.40	0.43	0.46	0.43	7.79	ppb
Titanium	47-1	248.65	240.04	247.37	245.35	1.89	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAN1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-27 18:42:55	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.20	0.20	0.20	1.88	ppb
Vanadium	51-2	22.77	22.99	23.13	22.97	0.79	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	50.88	50.43	50.60	50.64	0.45	ppb
Zirconium	90-1	2.45	2.47	2.44	2.45	0.56	ppb
Zirconium	91-1	2.64	2.27	2.48	2.47	7.66	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-03	Instrumnet Name :	P7
Client Sample ID :	MYDAN1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:46:10	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40079.57	39066.76	40068.96	39738.43	1.46	ppb
Antimony	121-1	67.00	67.69	68.20	67.63	0.89	ppb
Arsenic	75-2	100.70	99.32	101.88	100.64	1.27	ppb
Barium	135-1	1674.30	1693.88	1680.30	1682.83	0.60	ppb
Barium	137-1	1657.76	1651.00	1648.37	1652.38	0.29	ppb
Beryllium	9-1	37.53	38.01	38.05	37.87	0.76	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.70	31.90	32.86	32.15	1.94	ppb
Cadmium	106-1	33.36	31.67	31.03	32.02	3.77	ppb
Cadmium	111-1	34.11	34.47	35.16	34.58	1.54	ppb
Calcium	43-1	20941.92	21117.92	21761.45	21273.77	2.03	ppb
Calcium	44-1	20415.52	20157.76	20689.49	20420.92	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	178.34	178.96	175.99	177.77	0.88	ppb
Cobalt	59-2	353.82	342.58	351.00	349.13	1.68	ppb
Copper	63-2	239.11	237.72	236.11	237.65	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				110		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	74947.87	74208.23	72814.22	73990.11	1.46	ppb
Iron	57-2	74139.23	73435.15	74061.74	73878.71	0.52	ppb
Iron	54-2	74224.07	75285.19	73849.67	74452.98	1.00	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-03	Instrumnet Name :	P7
Client Sample ID :	MYDAN1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:46:10	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.43	57.41	56.58	56.81	0.92	ppb
Lead	207-1	57.11	57.57	56.90	57.19	0.60	ppb
Lead	208-1	56.36	56.87	56.31	56.51	0.55	ppb
Lithium	6-1				89		%
Magnesium	24-2	14579.70	14349.84	14219.45	14383.00	1.27	ppb
Manganese	55-2	1835.49	1848.37	1793.74	1825.87	1.56	ppb
Molybdenum	94-1	21.26	20.76	21.49	21.17	1.76	ppb
Molybdenum	95-1	2.33	2.29	2.30	2.30	0.94	ppb
Molybdenum	96-1	4.58	4.60	4.62	4.60	0.47	ppb
Molybdenum	97-1	2.19	2.22	2.18	2.20	0.92	ppb
Molybdenum	98-1	2.25	2.13	2.32	2.23	4.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	365.16	365.05	360.24	363.48	0.77	ppb
Phosphorus	31-2	1995.75	2010.85	1961.01	1989.20	1.28	ppb
Potassium	39-2	8991.25	8854.56	8764.06	8869.96	1.29	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	82-1	53.75	52.97	54.61	53.78	1.52	ppb
Selenium	77-2	55.07	61.58	68.98	61.88	11.25	ppb
Selenium	78-2	55.69	49.73	59.03	54.82	8.59	ppb
Silicon	28-1	753.86	746.47	766.70	755.68	1.36	ppb
Silver	107-1	29.17	29.77	30.06	29.67	1.52	ppb
Silver	109-1	29.48	29.63	29.68	29.60	0.35	ppb
Sodium	23-2	240.02	241.18	236.62	239.27	0.99	ppb
Strontium	86-1	80.52	80.30	81.61	80.81	0.86	ppb
Strontium	88-1	82.63	83.25	82.58	82.82	0.45	ppb
Sulfur	34-1	-4713.05	-4957.68	-5074.02	-4914.91		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	29.73	30.06	29.81	29.87	0.56	ppb
Thallium	205-1	29.70	29.87	29.53	29.70	0.58	ppb
Tin	118-1	2.26	2.26	2.35	2.29	2.29	ppb
Titanium	47-1	1195.70	1228.39	1232.46	1218.85	1.65	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-03	Instrumnet Name :	P7
Client Sample ID :	MYDAN1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:46:10	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.06	1.06	1.06	0.36	ppb
Vanadium	51-2	444.76	433.06	430.01	435.94	1.79	ppb
Yttrium	89-1				118		%
Yttrium	89-2				114		%
Zinc	66-2	563.94	562.55	555.02	560.50	0.86	ppb
Zirconium	90-1	11.62	11.79	12.01	11.81	1.64	ppb
Zirconium	91-1	11.59	11.86	11.94	11.80	1.55	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01MS	Instrumnet Name :	P7
Client Sample ID :	MYDAN1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:49:17	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42711.10	41979.85	43196.87	42629.27	1.44	ppb
Antimony	121-1	300.27	302.90	303.01	302.06	0.51	ppb
Arsenic	75-2	182.68	181.82	183.61	182.70	0.49	ppb
Barium	135-1	6127.44	6240.46	6274.00	6213.96	1.24	ppb
Barium	137-1	6033.84	6172.16	6267.15	6157.72	1.91	ppb
Beryllium	9-1	156.27	161.34	157.88	158.50	1.63	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	133.29	134.08	137.70	135.02	1.74	ppb
Cadmium	106-1	132.54	137.24	139.21	136.33	2.51	ppb
Cadmium	111-1	147.06	147.69	149.54	148.10	0.87	ppb
Calcium	43-1	21094.76	20917.64	21514.29	21175.56	1.45	ppb
Calcium	44-1	20029.55	20138.35	20262.04	20143.31	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	608.21	608.01	621.81	612.68	1.29	ppb
Cobalt	59-2	1434.96	1408.53	1436.46	1426.65	1.10	ppb
Copper	63-2	755.00	748.84	768.85	757.56	1.35	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				110		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	75762.75	75006.89	76715.60	75828.41	1.13	ppb
Iron	57-2	74196.53	72708.06	75618.08	74174.22	1.96	ppb
Iron	54-2	75627.85	75400.54	76526.74	75851.71	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01MS	Instrumnet Name :	P7
Client Sample ID :	MYDAN1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:49:17	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	92.94	94.86	95.99	94.59	1.63	ppb
Lead	207-1	92.16	94.87	95.15	94.06	1.76	ppb
Lead	208-1	92.49	94.35	95.23	94.02	1.49	ppb
Lithium	6-1				88		%
Magnesium	24-2	14064.25	13814.48	14175.74	14018.16	1.32	ppb
Manganese	55-2	2853.40	2850.23	2919.43	2874.35	1.36	ppb
Molybdenum	94-1	20.85	21.83	21.53	21.41	2.34	ppb
Molybdenum	95-1	2.24	2.31	2.34	2.30	2.18	ppb
Molybdenum	96-1	4.64	4.63	4.63	4.63	0.16	ppb
Molybdenum	97-1	2.20	2.38	2.23	2.27	4.18	ppb
Molybdenum	98-1	2.21	2.34	2.25	2.27	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1467.61	1466.65	1510.33	1481.53	1.68	ppb
Phosphorus	31-2	1878.81	1962.09	1950.34	1930.41	2.33	ppb
Potassium	39-2	8668.41	8534.58	8712.88	8638.62	1.07	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	302.51	309.17	302.64	304.77	1.25	ppb
Selenium	77-2	312.72	308.60	333.44	318.25	4.18	ppb
Selenium	78-2	313.23	296.57	295.26	301.68	3.32	ppb
Silicon	28-1	768.07	758.85	772.62	766.51	0.92	ppb
Silver	107-1	91.92	88.96	114.57	98.48	14.22	ppb
Silver	109-1	93.41	88.16	88.21	89.93	3.36	ppb
Sodium	23-2	236.47	233.66	244.30	238.15	2.32	ppb
Strontium	86-1	80.36	82.28	80.17	80.94	1.44	ppb
Strontium	88-1	82.30	83.65	81.64	82.53	1.25	ppb
Sulfur	34-1	-4954.07	-5309.34	-5237.40	-5166.94		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	124.94	127.89	128.55	127.12	1.51	ppb
Thallium	205-1	124.13	128.75	130.61	127.83	2.61	ppb
Tin	118-1	2.19	2.20	2.28	2.22	2.22	ppb
Titanium	47-1	1200.27	1216.21	1229.56	1215.35	1.21	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01MS	Instrumnet Name :	P7
Client Sample ID :	MYDAN1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:49:17	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.04	1.07	1.05	1.59	ppb
Vanadium	51-2	1473.31	1489.76	1513.94	1492.34	1.37	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	1594.82	1576.79	1620.36	1597.32	1.37	ppb
Zirconium	90-1	11.58	12.14	11.89	11.87	2.35	ppb
Zirconium	91-1	11.42	12.00	11.81	11.74	2.53	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-04	Instrumnet Name :	P7
Client Sample ID :	MYDAP0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:52:18	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31010.15	30937.30	30923.81	30957.09	0.15	ppb
Antimony	121-1	1.81	1.77	1.77	1.78	1.46	ppb
Arsenic	75-2	97.46	95.02	95.36	95.95	1.38	ppb
Barium	135-1	307.72	306.39	311.57	308.56	0.87	ppb
Barium	137-1	303.35	305.57	308.50	305.81	0.85	ppb
Beryllium	9-1	1.25	1.28	1.38	1.30	4.97	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.70	1.23	1.28	1.41	18.23	ppb
Cadmium	106-1	2.24	1.65	0.87	1.59	43.23	ppb
Cadmium	111-1	1.19	1.16	1.20	1.18	1.65	ppb
Calcium	43-1	12688.45	12605.31	12923.75	12739.17	1.30	ppb
Calcium	44-1	12227.68	12208.76	12324.73	12253.72	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.14	39.87	39.81	39.94	0.43	ppb
Cobalt	59-2	32.26	32.19	32.15	32.20	0.17	ppb
Copper	63-2	112.73	111.93	111.44	112.03	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				110		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	78731.93	77515.65	77207.70	77818.42	1.04	ppb
Iron	57-2	76801.66	75494.92	76576.64	76291.07	0.92	ppb
Iron	54-2	78239.12	78202.49	77653.83	78031.82	0.42	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-04	Instrumnet Name :	P7
Client Sample ID :	MYDAP0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:52:18	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.12	48.94	48.25	48.10	1.92	ppb
Lead	207-1	47.99	48.59	49.51	48.70	1.56	ppb
Lead	208-1	47.14	48.07	48.24	47.82	1.24	ppb
Lithium	6-1				89		%
Magnesium	24-2	11931.80	11746.54	11768.63	11815.66	0.86	ppb
Manganese	55-2	1726.39	1693.85	1696.26	1705.50	1.06	ppb
Molybdenum	94-1	11.19	11.49	11.61	11.43	1.88	ppb
Molybdenum	95-1	0.88	0.86	0.92	0.89	3.48	ppb
Molybdenum	96-1	2.28	2.30	2.35	2.31	1.58	ppb
Molybdenum	97-1	0.96	0.89	0.90	0.92	4.17	ppb
Molybdenum	98-1	0.90	0.93	0.88	0.90	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.36	37.10	37.25	37.24	0.35	ppb
Phosphorus	31-2	2120.95	2089.43	2043.30	2084.56	1.87	ppb
Potassium	39-2	9993.96	10142.97	9978.81	10038.58	0.90	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	1.70	1.54	1.43	1.56	8.80	ppb
Selenium	77-2	11.59	14.51	15.21	13.77	13.95	ppb
Selenium	78-2	2.37	1.85	2.48	2.24	14.93	ppb
Silicon	28-1	916.40	915.14	929.45	920.33	0.86	ppb
Silver	107-1	0.57	0.47	0.49	0.51	10.25	ppb
Silver	109-1	0.56	0.49	0.47	0.51	8.70	ppb
Sodium	23-2	227.98	226.33	228.82	227.71	0.56	ppb
Strontium	86-1	68.30	67.86	69.97	68.71	1.62	ppb
Strontium	88-1	67.42	68.46	68.93	68.27	1.13	ppb
Sulfur	34-1	-4462.18	-4880.16	-4800.06	-4714.13		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.34	0.36	0.34	0.35	3.71	ppb
Thallium	205-1	0.33	0.34	0.35	0.34	3.67	ppb
Tin	118-1	2.25	2.29	2.33	2.29	1.70	ppb
Titanium	47-1	1370.59	1367.93	1383.38	1373.97	0.60	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-04	Instrumnet Name :	P7
Client Sample ID :	MYDAP0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:52:18	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.84	0.87	0.85	2.07	ppb
Vanadium	51-2	138.00	137.07	138.47	137.84	0.52	ppb
Yttrium	89-1				117		%
Yttrium	89-2				113		%
Zinc	66-2	321.82	321.78	316.19	319.93	1.01	ppb
Zirconium	90-1	6.37	6.54	6.57	6.49	1.61	ppb
Zirconium	91-1	6.29	6.44	6.40	6.38	1.25	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-05	Instrumnet Name :	P7
Client Sample ID :	MYDAP1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:55:31	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50405.33	50903.08	49921.93	50410.11	0.97	ppb
Antimony	121-1	1.34	1.38	1.43	1.38	3.47	ppb
Arsenic	75-2	75.50	75.86	75.85	75.74	0.27	ppb
Barium	135-1	411.07	430.98	429.87	423.97	2.64	ppb
Barium	137-1	409.23	423.57	427.26	420.02	2.27	ppb
Beryllium	9-1	2.42	2.25	2.29	2.32	3.81	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.80	1.35	1.17	1.11	25.06	ppb
Cadmium	106-1	1.73	2.36	2.54	2.21	19.28	ppb
Cadmium	111-1	0.78	0.87	0.79	0.81	5.63	ppb
Calcium	43-1	14404.64	14177.47	14839.95	14474.02	2.33	ppb
Calcium	44-1	13790.58	13663.71	13978.06	13810.78	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.76	56.98	57.25	57.00	0.43	ppb
Cobalt	59-2	44.65	44.90	45.51	45.02	0.98	ppb
Copper	63-2	95.43	95.77	95.68	95.63	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				111		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	115613.10	115109.20	115082.62	115268.30	0.26	ppb
Iron	57-2	112623.60	115833.99	113265.87	113907.82	1.49	ppb
Iron	54-2	114498.68	116542.85	116158.23	115733.25	0.94	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-05	Instrumnet Name :	P7
Client Sample ID :	MYDAP1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:55:31	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.99	41.96	42.35	42.10	0.52	ppb
Lead	207-1	41.17	40.34	41.05	40.85	1.09	ppb
Lead	208-1	40.86	40.58	41.21	40.88	0.78	ppb
Lithium	6-1				88		%
Magnesium	24-2	15959.68	16089.52	16027.31	16025.51	0.41	ppb
Manganese	55-2	1730.62	1733.96	1727.16	1730.58	0.20	ppb
Molybdenum	94-1	11.16	11.16	11.07	11.13	0.49	ppb
Molybdenum	95-1	1.16	1.12	1.11	1.13	2.39	ppb
Molybdenum	96-1	2.69	2.80	2.69	2.73	2.37	ppb
Molybdenum	97-1	1.13	1.12	1.22	1.15	4.62	ppb
Molybdenum	98-1	1.14	1.16	1.09	1.13	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.60	47.07	47.84	47.50	0.82	ppb
Phosphorus	31-2	2007.62	2032.61	1994.16	2011.46	0.97	ppb
Potassium	39-2	7425.20	7469.27	7518.17	7470.88	0.62	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	1.49	1.17	2.05	1.57	28.31	ppb
Selenium	77-2	18.36	18.12	15.26	17.25	9.98	ppb
Selenium	78-2	2.88	4.33	5.09	4.10	27.36	ppb
Silicon	28-1	972.85	969.04	990.78	977.56	1.19	ppb
Silver	107-1	0.33	0.34	0.36	0.34	3.00	ppb
Silver	109-1	0.32	0.36	0.33	0.34	5.44	ppb
Sodium	23-2	256.45	259.53	259.05	258.34	0.64	ppb
Strontium	86-1	92.44	92.47	92.63	92.52	0.11	ppb
Strontium	88-1	94.85	94.25	93.72	94.27	0.60	ppb
Sulfur	34-1	-5086.79	-5446.22	-5325.39	-5286.13		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.37	0.38	0.41	0.39	5.59	ppb
Thallium	205-1	0.39	0.39	0.41	0.40	2.49	ppb
Tin	118-1	2.24	2.44	2.40	2.36	4.41	ppb
Titanium	47-1	1542.43	1499.07	1557.45	1532.99	1.98	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-05	Instrumnet Name :	P7
Client Sample ID :	MYDAP1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:55:31	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.36	1.37	1.38	1.37	0.92	ppb
Vanadium	51-2	225.99	227.98	228.59	227.52	0.60	ppb
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	246.20	250.15	247.75	248.03	0.80	ppb
Zirconium	90-1	6.07	6.16	6.23	6.15	1.32	ppb
Zirconium	91-1	6.11	5.95	6.07	6.04	1.37	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-06	Instrumnet Name :	P7
Client Sample ID :	MYDAP6	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:58:42	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27121.55	27613.95	27634.25	27456.58	1.06	ppb
Antimony	121-1	0.80	0.81	0.83	0.81	1.56	ppb
Arsenic	75-2	35.02	35.96	36.19	35.72	1.74	ppb
Barium	135-1	188.97	192.14	190.13	190.41	0.84	ppb
Barium	137-1	187.68	190.19	188.12	188.66	0.71	ppb
Beryllium	9-1	0.97	1.01	1.04	1.01	3.35	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.19	1.55	0.82	1.19	30.76	ppb
Cadmium	106-1	1.86	1.20	1.62	1.56	21.18	ppb
Cadmium	111-1	0.42	0.44	0.40	0.42	4.49	ppb
Calcium	43-1	20817.76	20715.41	21405.94	20979.70	1.78	ppb
Calcium	44-1	19976.14	19665.58	20340.36	19994.03	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77.99	77.14	77.26	77.46	0.59	ppb
Cobalt	59-2	39.68	39.71	39.94	39.78	0.36	ppb
Copper	63-2	96.33	96.31	96.26	96.30	0.04	ppb
Dysprosium	156-1						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				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	98474.37	98408.67	98733.65	98538.90	0.17	ppb
Iron	57-2	96311.34	97943.61	96532.32	96929.09	0.91	ppb
Iron	54-2	99283.68	98969.31	97998.81	98750.60	0.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-06	Instrumnet Name :	P7
Client Sample ID :	MYDAP6	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:58:42	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.98	23.08	23.37	23.14	0.88	ppb
Lead	207-1	21.66	21.88	21.82	21.79	0.52	ppb
Lead	208-1	22.02	22.15	22.16	22.11	0.36	ppb
Lithium	6-1				88		%
Magnesium	24-2	15669.38	15522.44	15414.89	15535.57	0.82	ppb
Manganese	55-2	1075.88	1079.96	1085.53	1080.46	0.45	ppb
Molybdenum	94-1	18.99	19.43	19.73	19.38	1.92	ppb
Molybdenum	95-1	0.96	1.02	1.07	1.02	5.73	ppb
Molybdenum	96-1	3.25	3.33	3.49	3.35	3.58	ppb
Molybdenum	97-1	0.92	0.99	1.08	1.00	7.96	ppb
Molybdenum	98-1	0.94	0.98	1.02	0.98	3.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.96	57.97	58.24	58.06	0.27	ppb
Phosphorus	31-2	1857.07	1838.24	1815.81	1837.04	1.12	ppb
Potassium	39-2	3535.17	3493.13	3463.74	3497.34	1.03	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	0.23	1.05	0.34	0.54	82.26	ppb
Selenium	77-2	9.21	12.10	11.33	10.88	13.77	ppb
Selenium	78-2	3.53	2.95	0.93	2.47	55.19	ppb
Silicon	28-1	839.06	844.26	861.92	848.41	1.41	ppb
Silver	107-1	0.11	0.14	0.14	0.13	12.37	ppb
Silver	109-1	0.12	0.11	0.12	0.12	4.21	ppb
Sodium	23-2	549.14	549.23	557.84	552.07	0.91	ppb
Strontium	86-1	82.00	83.85	84.38	83.41	1.50	ppb
Strontium	88-1	82.69	84.56	86.57	84.61	2.29	ppb
Sulfur	34-1	-5084.66	-5175.83	-4922.40	-5060.97		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.19	0.21	0.20	0.20	4.39	ppb
Thallium	205-1	0.19	0.19	0.19	0.19	1.57	ppb
Tin	118-1	1.72	1.83	1.83	1.79	3.43	ppb
Titanium	47-1	1512.74	1489.19	1536.92	1512.95	1.58	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-06	Instrumnet Name :	P7
Client Sample ID :	MYDAP6	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:58:42	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.75	0.77	0.77	1.85	ppb
Vanadium	51-2	321.10	322.04	322.85	322.00	0.27	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	120.56	123.47	123.42	122.48	1.36	ppb
Zirconium	90-1	10.98	11.43	11.41	11.27	2.25	ppb
Zirconium	91-1	11.14	11.42	11.27	11.28	1.27	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-07	Instrumnet Name :	P7
Client Sample ID :	MYDAP7	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:01:55	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27203.86	27335.23	27921.83	27486.97	1.39	ppb
Antimony	121-1	0.88	0.90	0.95	0.91	4.02	ppb
Arsenic	75-2	31.01	31.55	29.59	30.72	3.29	ppb
Barium	135-1	177.36	179.07	190.43	182.29	3.90	ppb
Barium	137-1	172.93	177.13	188.25	179.44	4.41	ppb
Beryllium	9-1	0.90	0.87	0.96	0.91	5.05	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.95	1.15	1.11	1.07	9.57	ppb
Cadmium	106-1	2.33	1.86	0.80	1.66	47.26	ppb
Cadmium	111-1	0.55	0.49	0.44	0.50	11.14	ppb
Calcium	43-1	13232.51	13181.64	13629.45	13347.87	1.84	ppb
Calcium	44-1	12664.77	12750.03	13168.46	12861.08	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78.85	77.94	78.91	78.57	0.70	ppb
Cobalt	59-2	43.62	42.49	43.56	43.22	1.47	ppb
Copper	63-2	97.29	96.23	97.99	97.17	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				109		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	109922.41	110726.17	112286.96	110978.51	1.08	ppb
Iron	57-2	110029.27	109394.65	110417.18	109947.03	0.47	ppb
Iron	54-2	111633.06	109912.76	111578.66	111041.49	0.88	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-07	Instrumnet Name :	P7
Client Sample ID :	MYDAP7	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:01:55	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.09	35.10	36.37	35.19	3.23	ppb
Lead	207-1	32.78	33.44	35.33	33.85	3.91	ppb
Lead	208-1	33.27	33.85	35.18	34.10	2.86	ppb
Lithium	6-1				88		%
Magnesium	24-2	13590.43	13545.90	13638.25	13591.53	0.34	ppb
Manganese	55-2	1150.57	1174.11	1165.93	1163.54	1.03	ppb
Molybdenum	94-1	18.01	17.54	18.83	18.12	3.59	ppb
Molybdenum	95-1	1.49	1.53	1.62	1.55	4.08	ppb
Molybdenum	96-1	3.78	3.66	3.87	3.77	2.85	ppb
Molybdenum	97-1	1.56	1.46	1.59	1.54	4.41	ppb
Molybdenum	98-1	1.52	1.49	1.57	1.53	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.98	47.42	48.13	47.84	0.79	ppb
Phosphorus	31-2	1798.49	1815.26	1867.92	1827.22	1.98	ppb
Potassium	39-2	2899.26	2876.20	2942.40	2905.95	1.16	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	82-1	-0.36	1.16	0.70	0.50	156.74	ppb
Selenium	77-2	8.58	12.11	8.61	9.77	20.76	ppb
Selenium	78-2	3.17	3.40	2.33	2.97	18.99	ppb
Silicon	28-1	519.51	526.28	550.28	532.02	3.04	ppb
Silver	107-1	0.08	0.09	0.10	0.09	13.71	ppb
Silver	109-1	0.08	0.08	0.09	0.08	8.89	ppb
Sodium	23-2	401.74	394.15	410.16	402.01	1.99	ppb
Strontium	86-1	51.03	51.17	53.06	51.75	2.19	ppb
Strontium	88-1	50.60	50.57	53.30	51.49	3.05	ppb
Sulfur	34-1	-4661.37	-4722.17	-4540.45	-4641.33		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.17	0.17	0.17	0.17	1.73	ppb
Thallium	205-1	0.16	0.17	0.17	0.17	3.49	ppb
Tin	118-1	2.33	2.41	2.63	2.46	6.32	ppb
Titanium	47-1	1304.36	1309.43	1339.31	1317.70	1.43	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-07	Instrumnet Name :	P7
Client Sample ID :	MYDAP7	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:01:55	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.83	0.84	0.82	3.82	ppb
Vanadium	51-2	382.34	376.99	386.47	381.93	1.24	ppb
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	117.47	117.85	121.03	118.79	1.65	ppb
Zirconium	90-1	9.95	9.97	10.42	10.11	2.59	ppb
Zirconium	91-1	9.81	9.79	10.46	10.02	3.80	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-08	Instrumnet Name :	P7
Client Sample ID :	MYDAP8	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:05:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42994.29	43137.61	41780.52	42637.48	1.75	ppb
Antimony	121-1	1.80	1.69	1.78	1.76	3.20	ppb
Arsenic	75-2	73.14	71.91	73.34	72.80	1.07	ppb
Barium	135-1	388.24	380.79	395.62	388.22	1.91	ppb
Barium	137-1	385.96	376.77	384.22	382.32	1.28	ppb
Beryllium	9-1	1.85	1.96	1.90	1.90	2.91	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.46	1.36	1.19	1.34	10.23	ppb
Cadmium	106-1	2.83	2.04	1.45	2.11	32.82	ppb
Cadmium	111-1	0.88	0.80	0.79	0.82	6.44	ppb
Calcium	43-1	14898.17	15017.24	15069.80	14995.07	0.59	ppb
Calcium	44-1	14181.70	14268.09	14718.32	14389.37	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.45	51.73	51.54	51.57	0.28	ppb
Cobalt	59-2	41.57	42.00	41.06	41.54	1.13	ppb
Copper	63-2	95.71	97.13	94.59	95.81	1.33	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				111		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	101726.31	103012.54	101837.39	102192.08	0.70	ppb
Iron	57-2	100630.19	102304.48	102368.16	101767.61	0.97	ppb
Iron	54-2	101925.07	103145.72	101459.74	102176.85	0.85	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-08	Instrumnet Name :	P7
Client Sample ID :	MYDAP8	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:05:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.13	50.12	50.46	50.24	0.39	ppb
Lead	207-1	50.22	50.78	49.70	50.23	1.07	ppb
Lead	208-1	49.80	49.75	49.44	49.66	0.39	ppb
Lithium	6-1				92		%
Magnesium	24-2	15197.29	15179.23	15191.38	15189.30	0.06	ppb
Manganese	55-2	2070.42	2138.47	2107.62	2105.50	1.62	ppb
Molybdenum	94-1	12.77	12.93	13.26	12.98	1.95	ppb
Molybdenum	95-1	1.01	1.01	1.04	1.02	1.79	ppb
Molybdenum	96-1	2.70	2.78	2.80	2.76	1.87	ppb
Molybdenum	97-1	1.01	0.99	1.05	1.02	3.21	ppb
Molybdenum	98-1	0.99	0.97	1.05	1.00	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.96	43.88	42.75	43.20	1.40	ppb
Phosphorus	31-2	2340.72	2379.23	2373.22	2364.39	0.88	ppb
Potassium	39-2	10324.16	10207.04	10182.87	10238.03	0.74	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	1.45	1.22	0.66	1.11	36.65	ppb
Selenium	77-2	17.62	16.91	16.86	17.13	2.47	ppb
Selenium	78-2	3.48	1.68	3.26	2.81	34.94	ppb
Silicon	28-1	713.14	737.24	724.34	724.91	1.66	ppb
Silver	107-1	0.27	0.25	0.27	0.26	5.05	ppb
Silver	109-1	0.27	0.27	0.28	0.27	2.26	ppb
Sodium	23-2	209.67	212.48	207.98	210.04	1.08	ppb
Strontium	86-1	86.49	88.19	89.40	88.03	1.66	ppb
Strontium	88-1	89.86	89.50	89.33	89.57	0.30	ppb
Sulfur	34-1	-4430.99	-4633.63	-4690.81	-4585.14		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.34	0.34	0.34	0.34	0.90	ppb
Thallium	205-1	0.33	0.33	0.34	0.33	1.39	ppb
Tin	118-1	1.94	1.87	1.91	1.91	1.97	ppb
Titanium	47-1	1474.07	1548.78	1526.55	1516.47	2.53	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-08	Instrumnet Name :	P7
Client Sample ID :	MYDAP8	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:05:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.15	1.12	1.13	1.99	ppb
Vanadium	51-2	180.60	180.70	178.91	180.07	0.56	ppb
Yttrium	89-1				119		%
Yttrium	89-2				113		%
Zinc	66-2	252.16	255.36	253.28	253.60	0.64	ppb
Zirconium	90-1	7.40	7.43	7.63	7.48	1.70	ppb
Zirconium	91-1	7.20	7.49	7.51	7.40	2.35	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-09	Instrumnet Name :	P7
Client Sample ID :	MYDAP9	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:08:18	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35424.83	35467.26	35006.46	35299.52	0.72	ppb
Antimony	121-1	1.64	1.67	1.73	1.68	2.68	ppb
Arsenic	75-2	75.42	79.57	78.94	77.98	2.87	ppb
Barium	135-1	288.80	293.05	293.99	291.95	0.95	ppb
Barium	137-1	284.19	288.35	290.06	287.53	1.05	ppb
Beryllium	9-1	1.54	1.51	1.60	1.55	2.84	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.47	1.26	1.10	1.28	14.79	ppb
Cadmium	106-1	1.99	1.11	1.20	1.43	33.80	ppb
Cadmium	111-1	0.58	0.52	0.54	0.55	6.35	ppb
Calcium	43-1	16037.22	15823.57	15797.42	15886.07	0.83	ppb
Calcium	44-1	15336.99	15298.90	15490.78	15375.56	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.99	50.16	50.07	50.07	0.16	ppb
Cobalt	59-2	48.30	48.13	47.81	48.08	0.52	ppb
Copper	63-2	81.55	81.30	82.18	81.68	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				108		%
Indium	115-2				103		%
Iron	56-2	104348.17	104991.78	105034.49	104791.48	0.37	ppb
Iron	57-2	104650.85	102441.18	104278.94	103790.32	1.14	ppb
Iron	54-2	104661.07	105789.54	104481.95	104977.52	0.68	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-09	Instrumnet Name :	P7
Client Sample ID :	MYDAP9	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:08:18	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.76	38.12	39.36	38.41	2.18	ppb
Lead	207-1	37.79	37.72	38.75	38.09	1.51	ppb
Lead	208-1	36.83	37.35	38.51	37.56	2.28	ppb
Lithium	6-1				86		%
Magnesium	24-2	14010.00	14455.81	14341.12	14268.98	1.62	ppb
Manganese	55-2	1589.99	1621.94	1621.30	1611.08	1.13	ppb
Molybdenum	94-1	16.52	17.30	16.72	16.85	2.41	ppb
Molybdenum	95-1	1.05	0.98	1.03	1.02	3.36	ppb
Molybdenum	96-1	3.04	3.16	3.06	3.08	2.18	ppb
Molybdenum	97-1	1.11	1.05	1.08	1.08	2.67	ppb
Molybdenum	98-1	1.00	1.03	1.02	1.01	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.56	44.22	44.69	44.49	0.55	ppb
Phosphorus	31-2	2799.64	2800.26	2820.53	2806.81	0.42	ppb
Potassium	39-2	7544.00	7534.40	7552.92	7543.78	0.12	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	0.43	0.70	0.46	0.53	27.97	ppb
Selenium	77-2	13.16	12.14	15.54	13.61	12.84	ppb
Selenium	78-2	2.24	4.31	5.98	4.18	44.80	ppb
Silicon	28-1	705.24	700.09	715.63	706.99	1.12	ppb
Silver	107-1	0.13	0.14	0.13	0.13	4.60	ppb
Silver	109-1	0.13	0.12	0.12	0.12	6.07	ppb
Sodium	23-2	266.18	266.51	268.04	266.91	0.37	ppb
Strontium	86-1	71.72	72.58	71.32	71.87	0.89	ppb
Strontium	88-1	71.71	73.97	73.19	72.96	1.57	ppb
Sulfur	34-1	-4754.67	-5008.06	-4964.77	-4909.17		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.21	0.21	0.20	0.20	3.98	ppb
Thallium	205-1	0.21	0.21	0.22	0.21	2.29	ppb
Tin	118-1	1.75	1.89	1.74	1.79	4.57	ppb
Titanium	47-1	1595.25	1523.68	1576.57	1565.16	2.37	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-09	Instrumnet Name :	P7
Client Sample ID :	MYDAP9	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:08:18	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.84	0.86	0.84	2.72	ppb
Vanadium	51-2	208.98	207.54	208.91	208.48	0.39	ppb
Yttrium	89-1				117		%
Yttrium	89-2				111		%
Zinc	66-2	199.04	195.40	200.42	198.29	1.31	ppb
Zirconium	90-1	9.52	9.75	9.59	9.62	1.24	ppb
Zirconium	91-1	9.69	9.70	9.54	9.64	0.91	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-10	Instrumnet Name :	P7
Client Sample ID :	MYDAQ0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:11:29	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25436.67	24940.13	24654.23	25010.34	1.58	ppb
Antimony	121-1	0.93	0.91	0.93	0.92	1.55	ppb
Arsenic	75-2	30.56	31.07	30.18	30.60	1.46	ppb
Barium	135-1	146.52	141.38	144.64	144.18	1.80	ppb
Barium	137-1	140.46	139.69	142.06	140.74	0.86	ppb
Beryllium	9-1	0.70	0.70	0.86	0.75	12.36	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.78	0.74	0.93	0.81	12.59	ppb
Cadmium	106-1	1.36	1.15	0.53	1.01	42.41	ppb
Cadmium	111-1	0.42	0.40	0.34	0.39	10.54	ppb
Calcium	43-1	10564.09	10738.37	10990.79	10764.41	1.99	ppb
Calcium	44-1	10247.48	10207.63	10487.52	10314.21	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.65	68.96	70.06	69.56	0.80	ppb
Cobalt	59-2	35.20	35.11	35.66	35.32	0.83	ppb
Copper	63-2	75.76	75.16	76.97	75.97	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				109		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	99139.55	98938.08	100044.45	99374.03	0.59	ppb
Iron	57-2	98916.05	98556.54	97535.23	98335.94	0.73	ppb
Iron	54-2	101805.56	99551.26	99427.35	100261.39	1.34	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-10	Instrumnet Name :	P7
Client Sample ID :	MYDAQ0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:11:29	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.06	23.66	23.74	23.49	1.59	ppb
Lead	207-1	21.12	22.22	22.11	21.82	2.78	ppb
Lead	208-1	21.85	22.53	22.70	22.36	2.02	ppb
Lithium	6-1				88		%
Magnesium	24-2	12329.82	12561.89	12180.75	12357.49	1.55	ppb
Manganese	55-2	947.39	939.92	946.94	944.75	0.44	ppb
Molybdenum	94-1	12.93	13.31	13.74	13.33	3.04	ppb
Molybdenum	95-1	0.97	0.99	0.99	0.98	1.18	ppb
Molybdenum	96-1	2.54	2.77	2.81	2.71	5.43	ppb
Molybdenum	97-1	0.99	0.98	1.02	1.00	1.84	ppb
Molybdenum	98-1	0.93	1.00	0.96	0.96	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.33	40.48	41.94	41.25	1.78	ppb
Phosphorus	31-2	1789.21	1772.79	1758.86	1773.62	0.86	ppb
Potassium	39-2	3953.75	3974.07	4040.25	3989.35	1.13	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	82-1	-0.07	0.54	0.11	0.19	160.53	ppb
Selenium	77-2	9.61	9.97	11.94	10.50	11.98	ppb
Selenium	78-2	1.61	1.87	0.88	1.45	35.32	ppb
Silicon	28-1	587.36	605.95	612.50	601.93	2.17	ppb
Silver	107-1	0.07	0.07	0.07	0.07	4.65	ppb
Silver	109-1	0.08	0.07	0.06	0.07	13.42	ppb
Sodium	23-2	302.60	294.16	295.62	297.46	1.52	ppb
Strontium	86-1	40.81	43.18	44.02	42.67	3.91	ppb
Strontium	88-1	41.91	43.12	44.10	43.04	2.55	ppb
Sulfur	34-1	-5117.15	-5070.35	-4921.82	-5036.44		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.11	0.10	0.11	5.58	ppb
Thallium	205-1	0.11	0.11	0.12	0.11	6.71	ppb
Tin	118-1	1.60	1.47	1.57	1.54	4.31	ppb
Titanium	47-1	1067.58	1073.01	1129.76	1090.12	3.16	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-10	Instrumnet Name :	P7
Client Sample ID :	MYDAQ0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:11:29	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.68	0.71	0.67	7.10	ppb
Vanadium	51-2	358.23	354.30	360.15	357.56	0.83	ppb
Yttrium	89-1				117		%
Yttrium	89-2				111		%
Zinc	66-2	113.53	111.26	114.61	113.13	1.51	ppb
Zirconium	90-1	7.48	7.51	7.69	7.56	1.49	ppb
Zirconium	91-1	7.36	7.61	7.70	7.56	2.35	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-11	Instrumnet Name :	P7
Client Sample ID :	MYDAQ1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:14:43	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45362.35	45322.46	45691.94	45458.92	0.45	ppb
Antimony	121-1	0.63	0.69	0.66	0.66	4.31	ppb
Arsenic	75-2	41.92	42.68	42.43	42.34	0.91	ppb
Barium	135-1	393.80	406.97	403.90	401.55	1.72	ppb
Barium	137-1	394.17	403.45	402.95	400.19	1.30	ppb
Beryllium	9-1	2.16	2.03	2.07	2.08	3.17	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.28	1.10	1.17	1.18	7.64	ppb
Cadmium	106-1	1.74	0.70	0.45	0.96	71.24	ppb
Cadmium	111-1	0.67	0.68	0.61	0.65	5.87	ppb
Calcium	43-1	14703.41	14901.34	14702.12	14768.96	0.78	ppb
Calcium	44-1	14046.38	14369.47	14150.13	14188.66	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.90	50.47	50.18	50.52	0.72	ppb
Cobalt	59-2	34.63	34.70	34.31	34.55	0.60	ppb
Copper	63-2	85.42	83.65	84.09	84.39	1.09	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				111		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	80066.10	79664.80	78642.37	79457.75	0.92	ppb
Iron	57-2	78703.83	78385.97	77778.87	78289.56	0.60	ppb
Iron	54-2	80609.60	79673.82	80339.13	80207.52	0.60	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-11	Instrumnet Name :	P7
Client Sample ID :	MYDAQ1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:14:43	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.70	34.86	35.05	34.87	0.50	ppb
Lead	207-1	33.89	34.69	33.92	34.17	1.33	ppb
Lead	208-1	33.87	34.49	33.86	34.07	1.05	ppb
Lithium	6-1				84		%
Magnesium	24-2	15804.74	15820.71	15925.48	15850.31	0.41	ppb
Manganese	55-2	1850.91	1810.11	1786.58	1815.87	1.79	ppb
Molybdenum	94-1	12.17	13.08	12.62	12.62	3.61	ppb
Molybdenum	95-1	0.81	0.90	0.91	0.87	6.49	ppb
Molybdenum	96-1	2.45	2.61	2.54	2.53	3.08	ppb
Molybdenum	97-1	0.87	0.90	0.92	0.90	2.66	ppb
Molybdenum	98-1	0.88	0.90	0.90	0.90	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.80	46.91	46.71	46.80	0.21	ppb
Phosphorus	31-2	1746.94	1715.79	1725.82	1729.52	0.92	ppb
Potassium	39-2	11498.08	11405.71	11318.89	11407.56	0.79	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				116		%
Selenium	82-1	0.22	1.29	1.13	0.88	65.52	ppb
Selenium	77-2	17.08	20.92	20.40	19.47	10.68	ppb
Selenium	78-2	5.48	2.19	4.19	3.95	41.98	ppb
Silicon	28-1	986.89	1001.33	987.38	991.87	0.83	ppb
Silver	107-1	0.18	0.21	0.21	0.20	9.60	ppb
Silver	109-1	0.18	0.20	0.20	0.20	5.89	ppb
Sodium	23-2	265.90	268.00	267.72	267.21	0.43	ppb
Strontium	86-1	75.86	81.11	78.22	78.40	3.35	ppb
Strontium	88-1	78.86	80.00	80.65	79.83	1.13	ppb
Sulfur	34-1	-5113.13	-5382.97	-5572.11	-5356.07		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.36	0.35	0.36	0.36	2.23	ppb
Thallium	205-1	0.34	0.36	0.36	0.35	4.14	ppb
Tin	118-1	2.26	2.25	2.25	2.26	0.37	ppb
Titanium	47-1	1199.10	1229.72	1237.68	1222.16	1.67	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-11	Instrumnet Name :	P7
Client Sample ID :	MYDAQ1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:14:43	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.24	1.18	1.20	2.73	ppb
Vanadium	51-2	116.18	116.07	115.82	116.02	0.16	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	209.78	210.03	208.30	209.37	0.44	ppb
Zirconium	90-1	7.09	7.35	7.32	7.26	1.95	ppb
Zirconium	91-1	6.98	7.52	7.27	7.26	3.73	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-12	Instrumnet Name :	P7
Client Sample ID :	MYDAQ2	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:17:54	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47110.29	47879.32	46473.20	47154.27	1.49	ppb
Antimony	121-1	1.67	1.58	1.67	1.64	3.35	ppb
Arsenic	75-2	85.38	85.22	83.89	84.83	0.96	ppb
Barium	135-1	373.62	371.83	376.54	374.00	0.64	ppb
Barium	137-1	366.53	371.38	371.73	369.88	0.79	ppb
Beryllium	9-1	1.94	1.90	1.94	1.93	1.32	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.59	1.67	1.52	1.59	4.89	ppb
Cadmium	106-1	1.90	2.07	2.17	2.04	6.71	ppb
Cadmium	111-1	0.77	0.78	0.71	0.75	4.57	ppb
Calcium	43-1	16286.58	16259.46	16333.23	16293.09	0.23	ppb
Calcium	44-1	15557.76	15853.82	15732.30	15714.63	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.94	52.68	53.06	52.89	0.36	ppb
Cobalt	59-2	35.80	35.88	35.69	35.79	0.27	ppb
Copper	63-2	81.91	82.06	82.10	82.02	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				112		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	103634.22	105117.57	103541.29	104097.69	0.85	ppb
Iron	57-2	102623.15	102566.73	102801.86	102663.91	0.12	ppb
Iron	54-2	104302.12	104870.83	104615.45	104596.13	0.27	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-12	Instrumnet Name :	P7
Client Sample ID :	MYDAQ2	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:17:54	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.17	56.03	56.23	56.14	0.17	ppb
Lead	207-1	56.51	56.23	56.96	56.57	0.65	ppb
Lead	208-1	56.02	55.47	55.90	55.80	0.52	ppb
Lithium	6-1				85		%
Magnesium	24-2	15133.49	15210.78	14865.66	15069.97	1.20	ppb
Manganese	55-2	1417.42	1422.84	1428.73	1422.99	0.40	ppb
Molybdenum	94-1	20.73	20.81	21.05	20.86	0.81	ppb
Molybdenum	95-1	0.97	0.96	0.98	0.97	0.64	ppb
Molybdenum	96-1	3.55	3.45	3.57	3.52	1.91	ppb
Molybdenum	97-1	0.96	0.92	1.06	0.98	6.95	ppb
Molybdenum	98-1	0.89	0.98	0.97	0.95	5.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.32	40.36	39.62	40.10	1.04	ppb
Phosphorus	31-2	1875.97	1898.12	1898.28	1890.79	0.68	ppb
Potassium	39-2	7093.06	6969.27	6847.42	6969.92	1.76	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				115		%
Scandium	45-2				116		%
Selenium	82-1	1.72	0.48	1.31	1.17	53.90	ppb
Selenium	77-2	16.07	19.27	17.40	17.58	9.16	ppb
Selenium	78-2	5.64	4.33	4.23	4.73	16.58	ppb
Silicon	28-1	735.97	738.36	754.97	743.10	1.39	ppb
Silver	107-1	0.25	0.23	0.25	0.24	4.10	ppb
Silver	109-1	0.23	0.23	0.24	0.23	1.11	ppb
Sodium	23-2	318.15	324.66	318.11	320.31	1.18	ppb
Strontium	86-1	85.28	86.51	87.70	86.50	1.40	ppb
Strontium	88-1	88.09	89.56	88.91	88.85	0.83	ppb
Sulfur	34-1	-5339.86	-5435.66	-5366.01	-5380.51		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.28	0.30	0.29	0.29	3.69	ppb
Thallium	205-1	0.28	0.28	0.29	0.28	1.64	ppb
Tin	118-1	2.12	2.11	2.18	2.13	1.78	ppb
Titanium	47-1	1465.07	1481.65	1479.00	1475.24	0.60	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-12	Instrumnet Name :	P7
Client Sample ID :	MYDAQ2	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:17:54	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.08	1.12	1.10	1.45	ppb
Vanadium	51-2	203.75	204.61	202.13	203.50	0.62	ppb
Yttrium	89-1				122		%
Yttrium	89-2				117		%
Zinc	66-2	252.25	250.24	248.80	250.43	0.69	ppb
Zirconium	90-1	11.95	12.20	12.11	12.08	1.05	ppb
Zirconium	91-1	11.63	12.11	12.05	11.93	2.19	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-13	Instrumnet Name :	P7
Client Sample ID :	MYDAQ3	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:21:07	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35876.27	35726.37	35238.86	35613.83	0.94	ppb
Antimony	121-1	2.99	2.91	3.02	2.97	1.93	ppb
Arsenic	75-2	123.90	121.76	121.20	122.29	1.17	ppb
Barium	135-1	275.40	275.10	275.34	275.28	0.06	ppb
Barium	137-1	267.82	269.40	270.91	269.38	0.57	ppb
Beryllium	9-1	1.68	1.90	1.59	1.72	9.21	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.94	2.06	1.65	1.88	11.30	ppb
Cadmium	106-1	1.95	1.82	2.31	2.02	12.58	ppb
Cadmium	111-1	1.35	1.28	1.29	1.31	3.02	ppb
Calcium	43-1	10875.71	10840.58	10938.78	10885.02	0.46	ppb
Calcium	44-1	10438.95	10555.78	10497.66	10497.47	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.46	48.84	48.12	48.48	0.74	ppb
Cobalt	59-2	37.35	37.72	37.22	37.43	0.69	ppb
Copper	63-2	96.32	97.11	95.49	96.31	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				113		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	102043.13	102437.40	101569.55	102016.69	0.43	ppb
Iron	57-2	101108.12	101687.68	100743.00	101179.60	0.47	ppb
Iron	54-2	102297.18	102651.05	101705.91	102218.05	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-13	Instrumnet Name :	P7
Client Sample ID :	MYDAQ3	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:21:07	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	78.16	80.68	81.43	80.09	2.14	ppb
Lead	207-1	80.11	82.01	83.19	81.77	1.90	ppb
Lead	208-1	78.67	80.66	81.68	80.34	1.91	ppb
Lithium	6-1				85		%
Magnesium	24-2	12351.15	12265.36	11860.31	12158.94	2.16	ppb
Manganese	55-2	1565.27	1564.84	1586.96	1572.36	0.80	ppb
Molybdenum	94-1	17.18	17.65	17.65	17.49	1.53	ppb
Molybdenum	95-1	1.14	1.14	1.19	1.16	2.37	ppb
Molybdenum	96-1	3.37	3.40	3.41	3.40	0.62	ppb
Molybdenum	97-1	1.13	1.11	1.19	1.14	3.81	ppb
Molybdenum	98-1	1.18	1.18	1.21	1.19	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.75	37.36	37.24	37.45	0.71	ppb
Phosphorus	31-2	2086.89	2149.00	2004.54	2080.14	3.48	ppb
Potassium	39-2	8312.97	8356.88	8193.41	8287.75	1.02	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	1.48	1.76	1.88	1.71	11.99	ppb
Selenium	77-2	13.17	14.85	14.58	14.20	6.38	ppb
Selenium	78-2	2.59	3.95	1.86	2.80	37.89	ppb
Silicon	28-1	635.53	631.43	630.84	632.60	0.40	ppb
Silver	107-1	0.40	0.41	0.40	0.41	1.76	ppb
Silver	109-1	0.43	0.40	0.40	0.41	3.24	ppb
Sodium	23-2	173.94	178.54	171.96	174.82	1.93	ppb
Strontium	86-1	69.05	69.66	71.31	70.01	1.67	ppb
Strontium	88-1	69.32	71.22	72.11	70.88	2.01	ppb
Sulfur	34-1	-4995.02	-5176.89	-5225.56	-5132.49		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.31	0.29	0.30	0.30	4.25	ppb
Thallium	205-1	0.28	0.31	0.33	0.31	6.95	ppb
Tin	118-1	2.01	2.14	2.20	2.12	4.47	ppb
Titanium	47-1	1708.41	1698.68	1749.84	1718.98	1.58	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-13	Instrumnet Name :	P7
Client Sample ID :	MYDAQ3	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:21:07	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	1.00	1.02	0.99	2.54	ppb
Vanadium	51-2	194.89	195.98	193.39	194.75	0.67	ppb
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	373.43	379.13	374.13	375.56	0.83	ppb
Zirconium	90-1	10.12	10.23	10.31	10.22	0.97	ppb
Zirconium	91-1	10.05	9.90	10.17	10.04	1.36	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-14	Instrumnet Name :	P7
Client Sample ID :	MYDAQ4	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:24:18	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31769.25	31206.76	31623.29	31533.10	0.93	ppb
Antimony	121-1	1.94	1.97	1.93	1.95	1.26	ppb
Arsenic	75-2	90.93	94.83	93.05	92.94	2.10	ppb
Barium	135-1	274.76	300.29	278.19	284.41	4.87	ppb
Barium	137-1	281.00	286.83	281.20	283.01	1.17	ppb
Beryllium	9-1	1.65	1.53	1.80	1.66	8.22	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.19	0.94	1.51	1.21	23.31	ppb
Cadmium	106-1	2.12	1.05	1.57	1.58	34.02	ppb
Cadmium	111-1	0.95	0.95	0.88	0.93	4.29	ppb
Calcium	43-1	12523.49	11862.80	12700.93	12362.41	3.57	ppb
Calcium	44-1	11773.29	11767.97	11902.52	11814.59	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.09	48.34	47.72	48.05	0.64	ppb
Cobalt	59-2	44.04	44.19	44.26	44.16	0.25	ppb
Copper	63-2	92.63	93.58	93.29	93.16	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				111		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	92663.28	92918.00	92026.98	92536.09	0.50	ppb
Iron	57-2	91316.45	93301.75	91748.40	92122.20	1.13	ppb
Iron	54-2	93146.44	93259.24	93365.33	93257.01	0.12	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-14	Instrumnet Name :	P7
Client Sample ID :	MYDAQ4	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:24:18	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.71	56.55	57.11	56.79	0.50	ppb
Lead	207-1	58.38	55.31	60.30	58.00	4.34	ppb
Lead	208-1	57.62	54.73	57.38	56.58	2.83	ppb
Lithium	6-1				81		%
Magnesium	24-2	12759.24	12506.78	12680.57	12648.86	1.02	ppb
Manganese	55-2	1569.06	1554.56	1575.88	1566.50	0.69	ppb
Molybdenum	94-1	8.59	8.27	8.67	8.51	2.50	ppb
Molybdenum	95-1	1.10	1.09	1.16	1.12	3.33	ppb
Molybdenum	96-1	2.41	2.32	2.47	2.40	2.98	ppb
Molybdenum	97-1	1.09	1.08	1.18	1.12	5.13	ppb
Molybdenum	98-1	1.09	1.10	1.10	1.10	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.18	39.99	39.22	39.46	1.15	ppb
Phosphorus	31-2	2076.19	2104.53	2107.15	2095.96	0.82	ppb
Potassium	39-2	6928.34	7045.82	7073.30	7015.82	1.10	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				113		%
Selenium	82-1	0.39	0.67	1.58	0.88	70.96	ppb
Selenium	77-2	11.38	15.48	14.86	13.91	15.87	ppb
Selenium	78-2	2.75	4.01	4.64	3.80	25.27	ppb
Silicon	28-1	634.28	614.28	669.65	639.40	4.38	ppb
Silver	107-1	0.32	0.32	0.29	0.31	6.09	ppb
Silver	109-1	0.32	0.31	0.30	0.31	3.83	ppb
Sodium	23-2	181.05	184.82	183.68	183.18	1.06	ppb
Strontium	86-1	66.25	66.53	72.14	68.30	4.86	ppb
Strontium	88-1	68.15	65.25	69.23	67.54	3.05	ppb
Sulfur	34-1	-4819.43	-5434.67	-4933.71	-5062.60		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.25	0.22	0.25	0.24	6.74	ppb
Thallium	205-1	0.26	0.23	0.24	0.24	5.77	ppb
Tin	118-1	1.95	2.04	1.96	1.98	2.38	ppb
Titanium	47-1	1014.52	984.38	1069.12	1022.68	4.20	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-14	Instrumnet Name :	P7
Client Sample ID :	MYDAQ4	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:24:18	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.83	0.88	0.87	4.37	ppb
Vanadium	51-2	170.22	169.88	169.81	169.97	0.13	ppb
Yttrium	89-1				117		%
Yttrium	89-2				113		%
Zinc	66-2	262.39	267.17	266.33	265.30	0.96	ppb
Zirconium	90-1	4.50	4.69	4.75	4.65	2.74	ppb
Zirconium	91-1	4.47	4.33	4.93	4.57	6.80	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-15	Instrumnet Name :	P7
Client Sample ID :	MYDAQ5	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:27:32	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49551.72	48996.30	49676.89	49408.30	0.73	ppb
Antimony	121-1	1.57	1.57	1.57	1.57	0.20	ppb
Arsenic	75-2	56.61	59.87	58.92	58.47	2.87	ppb
Barium	135-1	416.17	421.21	428.44	421.94	1.46	ppb
Barium	137-1	411.24	412.33	427.23	416.93	2.14	ppb
Beryllium	9-1	1.98	2.38	2.39	2.25	10.49	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.98	0.90	1.03	0.97	6.61	ppb
Cadmium	106-1	1.38	1.77	2.39	1.85	27.45	ppb
Cadmium	111-1	0.52	0.56	0.55	0.54	3.64	ppb
Calcium	43-1	13479.51	14176.08	14052.72	13902.77	2.67	ppb
Calcium	44-1	12890.65	13315.53	13364.24	13190.14	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.05	55.75	55.97	55.59	0.86	ppb
Cobalt	59-2	43.14	43.20	43.51	43.28	0.46	ppb
Copper	63-2	85.22	87.08	87.11	86.47	1.25	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				112		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	104805.01	103451.01	103289.65	103848.55	0.80	ppb
Iron	57-2	103508.92	104671.26	103691.32	103957.17	0.60	ppb
Iron	54-2	105732.64	104566.91	106289.27	105529.60	0.83	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-15	Instrumnet Name :	P7
Client Sample ID :	MYDAQ5	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:27:32	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.56	35.54	36.70	35.93	1.85	ppb
Lead	207-1	34.14	34.05	35.83	34.67	2.89	ppb
Lead	208-1	34.43	34.27	35.68	34.79	2.22	ppb
Lithium	6-1				82		%
Magnesium	24-2	15470.70	15567.00	15581.66	15539.79	0.39	ppb
Manganese	55-2	1796.53	1801.05	1797.55	1798.38	0.13	ppb
Molybdenum	94-1	14.51	14.63	14.78	14.64	0.91	ppb
Molybdenum	95-1	1.05	0.96	1.00	1.00	4.59	ppb
Molybdenum	96-1	2.93	2.91	2.92	2.92	0.35	ppb
Molybdenum	97-1	0.93	1.00	0.97	0.97	4.07	ppb
Molybdenum	98-1	0.96	0.97	0.96	0.96	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.13	46.49	46.75	46.46	0.67	ppb
Phosphorus	31-2	1753.09	1770.37	1810.17	1777.88	1.65	ppb
Potassium	39-2	9667.83	9694.22	9712.67	9691.57	0.23	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				115		%
Scandium	45-2				116		%
Selenium	82-1	0.83	2.31	1.34	1.49	50.48	ppb
Selenium	77-2	18.16	24.21	24.39	22.25	15.93	ppb
Selenium	78-2	3.33	4.50	4.52	4.12	16.63	ppb
Silicon	28-1	798.21	837.00	832.95	822.72	2.59	ppb
Silver	107-1	0.20	0.21	0.20	0.20	2.12	ppb
Silver	109-1	0.19	0.20	0.19	0.19	1.43	ppb
Sodium	23-2	216.69	218.46	219.67	218.27	0.69	ppb
Strontium	86-1	88.49	88.87	90.43	89.27	1.15	ppb
Strontium	88-1	92.64	91.91	91.53	92.03	0.61	ppb
Sulfur	34-1	-5208.00	-5210.58	-5428.08	-5282.22		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.35	0.35	0.35	0.35	0.74	ppb
Thallium	205-1	0.34	0.38	0.37	0.37	5.15	ppb
Tin	118-1	2.27	2.31	2.40	2.33	2.96	ppb
Titanium	47-1	1560.50	1626.32	1607.15	1597.99	2.12	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-15	Instrumnet Name :	P7
Client Sample ID :	MYDAQ5	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:27:32	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.33	1.33	1.33	1.33	0.13	ppb
Vanadium	51-2	183.71	184.40	184.86	184.32	0.31	ppb
Yttrium	89-1				121		%
Yttrium	89-2				116		%
Zinc	66-2	193.87	193.57	191.08	192.84	0.79	ppb
Zirconium	90-1	8.29	8.38	8.47	8.38	1.07	ppb
Zirconium	91-1	8.09	8.37	8.39	8.28	2.04	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-16	Instrumnet Name :	P7
Client Sample ID :	MYDAQ7	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:30:44	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33422.76	33915.60	33564.14	33634.17	0.75	ppb
Antimony	121-1	1.93	1.78	1.99	1.90	5.51	ppb
Arsenic	75-2	80.43	83.08	81.08	81.53	1.69	ppb
Barium	135-1	297.66	296.29	309.33	301.09	2.38	ppb
Barium	137-1	293.43	287.50	304.09	295.01	2.85	ppb
Beryllium	9-1	1.78	1.64	1.60	1.67	5.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.36	1.33	0.94	1.21	19.28	ppb
Cadmium	106-1	2.03	1.01	1.33	1.46	35.93	ppb
Cadmium	111-1	0.77	0.68	0.80	0.75	8.76	ppb
Calcium	43-1	14503.23	14262.25	14886.09	14550.53	2.16	ppb
Calcium	44-1	13950.09	13734.76	14410.39	14031.75	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.00	50.52	50.49	50.67	0.57	ppb
Cobalt	59-2	39.00	39.49	38.68	39.06	1.03	ppb
Copper	63-2	80.85	81.37	79.00	80.40	1.55	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				110		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	96679.23	99166.06	96558.28	97467.85	1.51	ppb
Iron	57-2	97494.96	97653.10	95982.24	97043.43	0.95	ppb
Iron	54-2	96630.45	96649.27	97716.88	96998.87	0.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-16	Instrumnet Name :	P7
Client Sample ID :	MYDAQ7	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:30:44	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	46.73	46.41	48.59	47.25	2.49	ppb
Lead	207-1	47.08	46.47	48.04	47.20	1.67	ppb
Lead	208-1	46.61	45.98	47.84	46.81	2.02	ppb
Lithium	6-1				79		%
Magnesium	24-2	12345.65	12373.49	12550.13	12423.09	0.89	ppb
Manganese	55-2	1665.75	1699.97	1659.81	1675.17	1.29	ppb
Molybdenum	94-1	16.04	16.10	16.01	16.05	0.29	ppb
Molybdenum	95-1	0.99	1.03	0.98	1.00	2.72	ppb
Molybdenum	96-1	2.99	2.97	3.03	3.00	1.01	ppb
Molybdenum	97-1	1.04	1.06	1.00	1.03	2.85	ppb
Molybdenum	98-1	1.01	1.00	0.99	1.00	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.87	37.67	37.68	37.74	0.30	ppb
Phosphorus	31-2	2229.78	2322.56	2218.81	2257.05	2.53	ppb
Potassium	39-2	7056.54	6953.97	6926.35	6978.95	0.98	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				114		%
Selenium	82-1	1.65	1.30	0.30	1.08	64.54	ppb
Selenium	77-2	10.22	12.33	13.69	12.08	14.47	ppb
Selenium	78-2	4.90	3.55	0.81	3.09	67.43	ppb
Silicon	28-1	906.80	886.52	925.68	906.34	2.16	ppb
Silver	107-1	0.18	0.19	0.20	0.19	7.02	ppb
Silver	109-1	0.18	0.18	0.20	0.18	6.29	ppb
Sodium	23-2	211.00	212.31	208.08	210.46	1.03	ppb
Strontium	86-1	77.22	78.22	78.01	77.82	0.68	ppb
Strontium	88-1	79.35	77.60	79.08	78.68	1.20	ppb
Sulfur	34-1	-5031.54	-5372.74	-5262.89	-5222.39		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.24	0.23	0.24	0.24	2.23	ppb
Thallium	205-1	0.23	0.24	0.24	0.24	2.88	ppb
Tin	118-1	2.04	2.09	2.16	2.10	3.06	ppb
Titanium	47-1	1764.47	1746.68	1871.18	1794.11	3.75	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-16	Instrumnet Name :	P7
Client Sample ID :	MYDAQ7	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:30:44	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.92	0.96	0.94	1.99	ppb
Vanadium	51-2	186.02	189.53	184.60	186.72	1.36	ppb
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	233.17	229.30	233.33	231.93	0.99	ppb
Zirconium	90-1	9.27	9.24	9.29	9.27	0.25	ppb
Zirconium	91-1	9.11	9.26	9.28	9.21	1.00	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-17	Instrumnet Name :	P7
Client Sample ID :	MYDAQ8	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:33:57	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28617.92	28275.38	28604.21	28499.17	0.68	ppb
Antimony	121-1	2.17	2.08	2.08	2.11	2.38	ppb
Arsenic	75-2	93.52	98.30	97.38	96.40	2.63	ppb
Barium	135-1	286.38	281.28	288.52	285.39	1.30	ppb
Barium	137-1	281.64	281.24	287.19	283.36	1.17	ppb
Beryllium	9-1	1.24	1.26	1.21	1.24	2.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.53	1.24	1.19	1.32	13.76	ppb
Cadmium	106-1	1.83	1.00	0.54	1.12	58.46	ppb
Cadmium	111-1	0.99	0.99	1.00	0.99	0.68	ppb
Calcium	43-1	13588.50	13801.37	13740.26	13710.04	0.80	ppb
Calcium	44-1	13058.57	13103.06	13355.54	13172.39	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.02	36.47	36.16	36.22	0.64	ppb
Cobalt	59-2	27.41	28.28	27.82	27.84	1.55	ppb
Copper	63-2	77.27	79.59	78.03	78.30	1.51	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				111		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	67989.02	69153.53	69063.49	68735.35	0.94	ppb
Iron	57-2	67291.55	67658.70	66281.21	67077.15	1.06	ppb
Iron	54-2	68364.67	70135.96	69859.19	69453.27	1.37	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-17	Instrumnet Name :	P7
Client Sample ID :	MYDAQ8	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:33:57	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	62.53	63.57	62.86	62.99	0.84	ppb
Lead	207-1	65.53	66.34	64.66	65.51	1.29	ppb
Lead	208-1	63.36	64.00	63.10	63.49	0.73	ppb
Lithium	6-1				78		%
Magnesium	24-2	10336.22	10348.62	10555.89	10413.58	1.18	ppb
Manganese	55-2	1527.34	1559.67	1559.60	1548.87	1.20	ppb
Molybdenum	94-1	11.50	11.74	11.75	11.66	1.19	ppb
Molybdenum	95-1	0.90	0.88	0.93	0.90	2.60	ppb
Molybdenum	96-1	2.35	2.31	2.36	2.34	1.13	ppb
Molybdenum	97-1	0.90	0.88	0.92	0.90	2.27	ppb
Molybdenum	98-1	0.89	0.90	0.87	0.88	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.24	30.85	30.65	30.58	1.03	ppb
Phosphorus	31-2	2123.19	2095.68	2080.54	2099.80	1.03	ppb
Potassium	39-2	7783.29	8061.39	7925.47	7923.38	1.76	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	0.96	1.61	0.54	1.04	51.82	ppb
Selenium	77-2	11.43	11.69	12.49	11.87	4.65	ppb
Selenium	78-2	3.66	2.82	5.36	3.95	32.79	ppb
Silicon	28-1	791.48	799.32	785.83	792.21	0.85	ppb
Silver	107-1	0.35	0.37	0.37	0.37	2.65	ppb
Silver	109-1	0.35	0.35	0.38	0.36	4.31	ppb
Sodium	23-2	184.58	195.76	193.43	191.26	3.08	ppb
Strontium	86-1	67.63	69.58	69.31	68.84	1.53	ppb
Strontium	88-1	67.05	68.55	69.22	68.27	1.63	ppb
Sulfur	34-1	-4175.55	-4465.71	-4625.82	-4422.36		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.22	0.23	0.22	0.22	3.54	ppb
Thallium	205-1	0.24	0.23	0.22	0.23	4.06	ppb
Tin	118-1	2.39	2.39	2.42	2.40	0.70	ppb
Titanium	47-1	1215.94	1233.52	1220.13	1223.20	0.75	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-17	Instrumnet Name :	P7
Client Sample ID :	MYDAQ8	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:33:57	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.74	0.74	0.75	1.16	ppb
Vanadium	51-2	113.99	117.15	116.43	115.86	1.43	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	310.21	313.75	315.97	313.31	0.93	ppb
Zirconium	90-1	6.42	6.58	6.71	6.57	2.22	ppb
Zirconium	91-1	6.52	6.52	6.49	6.51	0.26	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:46:15	DataFile Name :	072CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47768.05	47518.25	47593.93	47626.74	0.27	ppb
Antimony	121-1	505.58	525.63	530.59	520.60	2.54	ppb
Arsenic	75-2	490.09	486.47	488.12	488.23	0.37	ppb
Barium	135-1	2398.30	2496.28	2459.72	2451.43	2.02	ppb
Barium	137-1	2358.22	2484.13	2426.39	2422.91	2.60	ppb
Beryllium	9-1	522.26	540.72	534.48	532.49	1.76	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	517.00	540.29	529.87	529.05	2.21	ppb
Cadmium	106-1	516.36	540.94	539.45	532.25	2.59	ppb
Cadmium	111-1	521.49	535.01	530.40	528.97	1.30	ppb
Calcium	43-1	240739.92	245953.78	247072.48	244588.73	1.38	ppb
Calcium	44-1	238303.36	244585.10	244409.78	242432.75	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.22	482.20	487.22	484.88	0.52	ppb
Cobalt	59-2	529.15	520.12	527.94	525.74	0.93	ppb
Copper	63-2	5172.06	5170.12	5159.29	5167.16	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				118		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	122094.94	121710.09	122000.56	121935.20	0.16	ppb
Iron	57-2	120718.97	121597.11	121282.51	121199.53	0.37	ppb
Iron	54-2	122864.80	122840.71	124514.71	123406.74	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:46:15	DataFile Name :	072CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2437.19	2506.24	2415.93	2453.12	1.92	ppb
Lead	207-1	2445.63	2501.85	2407.54	2451.67	1.94	ppb
Lead	208-1	2417.24	2489.39	2410.96	2439.20	1.79	ppb
Lithium	6-1				94		%
Magnesium	24-2	237680.48	239577.99	240433.15	239230.54	0.59	ppb
Manganese	55-2	4833.38	4782.63	4803.67	4806.56	0.53	ppb
Molybdenum	94-1	4745.97	4892.57	4795.80	4811.44	1.55	ppb
Molybdenum	95-1	4798.14	4868.61	4821.38	4829.38	0.74	ppb
Molybdenum	96-1	4798.13	4882.25	4843.61	4841.33	0.87	ppb
Molybdenum	97-1	4803.72	4868.43	4876.90	4849.68	0.83	ppb
Molybdenum	98-1	4768.39	4856.50	4870.50	4831.80	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.46	516.40	516.29	519.38	1.01	ppb
Phosphorus	31-2	9640.94	9583.05	9613.95	9612.65	0.30	ppb
Potassium	39-2	125981.86	126580.09	126358.86	126306.94	0.24	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				112		%
Selenium	82-1	479.24	502.02	497.51	492.92	2.45	ppb
Selenium	77-2	505.72	495.72	494.33	498.59	1.25	ppb
Selenium	78-2	520.14	500.46	483.76	501.45	3.63	ppb
Silicon	28-1	340.86	346.98	349.91	345.91	1.34	ppb
Silver	107-1	531.27	542.30	542.82	538.80	1.21	ppb
Silver	109-1	528.10	547.96	540.26	538.77	1.86	ppb
Sodium	23-2	238282.93	238117.56	233892.49	236764.33	1.05	ppb
Strontium	86-1	11881.50	12186.78	12032.28	12033.52	1.27	ppb
Strontium	88-1	11637.50	11963.45	12161.99	11920.98	2.22	ppb
Sulfur	34-1	7109.46	7273.29	7302.24	7228.33	1.44	ppb
Terbium	159-1				118		%
Terbium	159-2				109		%
Thallium	203-1	495.33	497.77	491.58	494.89	0.63	ppb
Thallium	205-1	494.96	495.14	486.56	492.22	1.00	ppb
Tin	118-1	483.87	493.51	491.02	489.47	1.02	ppb
Titanium	47-1	4834.40	4844.27	4893.79	4857.48	0.66	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:46:15	DataFile Name :	072CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	489.26	496.34	491.52	492.38	0.73	ppb
Vanadium	51-2	489.22	489.20	496.23	491.55	0.83	ppb
Yttrium	89-1				118		%
Yttrium	89-2				111		%
Zinc	66-2	5357.92	5302.62	5336.39	5332.31	0.52	ppb
Zirconium	90-1	483.92	486.92	491.39	487.41	0.77	ppb
Zirconium	91-1	466.01	482.52	483.79	477.44	2.08	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:49:23	DataFile Name :	073CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.94	1.70	1.89	1.84	6.74	ppb
Antimony	121-1	0.42	0.41	0.43	0.42	2.37	ppb
Arsenic	75-2	0.04	0.02	0.02	0.03	43.13	ppb
Barium	135-1	0.09	0.11	0.05	0.08	37.16	ppb
Barium	137-1	0.12	0.08	0.05	0.08	40.27	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	3.80	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.09	0.06	0.05	92.40	ppb
Cadmium	106-1	0.23	-0.84	-0.59	-0.40		ppb
Cadmium	111-1	0.07	0.00	0.00	0.02	179.91	ppb
Calcium	43-1	15.13	11.57	12.60	13.10	13.96	ppb
Calcium	44-1	17.80	12.88	14.31	15.00	16.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	0.04	0.03	64.24	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	189.76	ppb
Copper	63-2	0.19	0.20	0.16	0.18	12.52	ppb
Dysprosium	156-1						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				109		%
Indium	115-2				106		%
Iron	56-2	3.31	3.06	2.98	3.12	5.50	ppb
Iron	57-2	-2.06	0.19	-1.98	-1.28		ppb
Iron	54-2	4.09	3.31	3.80	3.73	10.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:49:23	DataFile Name :	073CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.24	0.23	0.21	0.23	6.19	ppb
Lead	207-1	0.27	0.26	0.23	0.25	8.80	ppb
Lead	208-1	0.26	0.23	0.21	0.23	11.12	ppb
Lithium	6-1				90		%
Magnesium	24-2	6.20	5.54	6.07	5.93	5.84	ppb
Manganese	55-2	0.10	0.09	0.13	0.10	19.82	ppb
Molybdenum	94-1	1.10	0.83	0.72	0.88	22.13	ppb
Molybdenum	95-1	0.29	0.25	0.26	0.27	7.10	ppb
Molybdenum	96-1	0.41	0.30	0.30	0.34	18.51	ppb
Molybdenum	97-1	0.24	0.26	0.22	0.24	8.84	ppb
Molybdenum	98-1	0.27	0.23	0.24	0.25	8.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.00	0.00	0.02	164.13	ppb
Phosphorus	31-2	-15.70	-14.15	-12.17	-14.01		ppb
Potassium	39-2	31.99	31.80	26.72	30.17	9.91	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	-0.14	0.22	0.03	0.04	464.36	ppb
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	-0.09	-0.95	0.51	-0.18		ppb
Silicon	28-1	-1.76	-2.30	-2.34	-2.13		ppb
Silver	107-1	0.05	0.06	0.05	0.05	4.66	ppb
Silver	109-1	0.07	0.05	0.06	0.06	15.65	ppb
Sodium	23-2	36.56	35.48	33.38	35.14	4.61	ppb
Strontium	86-1	0.43	0.32	0.26	0.34	26.35	ppb
Strontium	88-1	0.42	0.32	0.26	0.33	24.20	ppb
Sulfur	34-1	-2651.38	-3003.58	-2949.57	-2868.18		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.12	0.09	0.08	0.10	20.29	ppb
Thallium	205-1	0.11	0.09	0.08	0.09	14.64	ppb
Tin	118-1	0.09	0.10	0.16	0.12	29.75	ppb
Titanium	47-1	0.05	0.14	0.17	0.12	51.06	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:49:23	DataFile Name :	073CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	38.95	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	50.74	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	0.62	0.58	0.51	0.57	9.67	ppb
Zirconium	90-1	0.54	0.39	0.34	0.42	24.79	ppb
Zirconium	91-1	0.57	0.37	0.35	0.43	28.03	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-18	Instrumnet Name :	P7
Client Sample ID :	MYDAQ9	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:52:45	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34321.89	33312.78	34536.66	34057.11	1.92	ppb
Antimony	121-1	1.71	1.77	1.80	1.76	2.50	ppb
Arsenic	75-2	75.23	72.66	73.26	73.72	1.83	ppb
Barium	135-1	417.64	412.95	415.70	415.43	0.57	ppb
Barium	137-1	411.11	406.90	410.60	409.54	0.56	ppb
Beryllium	9-1	1.62	1.56	1.59	1.59	1.91	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.18	1.42	1.34	1.31	9.42	ppb
Cadmium	106-1	2.86	2.80	1.63	2.43	28.52	ppb
Cadmium	111-1	0.87	0.81	0.77	0.81	6.23	ppb
Calcium	43-1	13494.21	13744.39	13828.69	13689.10	1.27	ppb
Calcium	44-1	13001.76	13359.67	13205.57	13189.00	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.81	48.81	49.51	49.04	0.83	ppb
Cobalt	59-2	38.17	37.83	38.27	38.09	0.61	ppb
Copper	63-2	87.12	87.01	87.49	87.21	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				112		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	101218.18	100036.18	102195.53	101149.96	1.07	ppb
Iron	57-2	99116.34	98601.12	100037.41	99251.62	0.73	ppb
Iron	54-2	100679.45	101948.03	102385.64	101671.04	0.87	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-18	Instrumnet Name :	P7
Client Sample ID :	MYDAQ9	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:52:45	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.64	43.97	43.10	43.24	1.56	ppb
Lead	207-1	42.49	43.65	42.95	43.03	1.36	ppb
Lead	208-1	42.16	43.09	42.43	42.56	1.12	ppb
Lithium	6-1				88		%
Magnesium	24-2	12862.22	12930.76	12814.14	12869.04	0.46	ppb
Manganese	55-2	2015.39	2017.89	2083.09	2038.79	1.88	ppb
Molybdenum	94-1	12.61	12.62	12.82	12.68	0.95	ppb
Molybdenum	95-1	1.22	1.14	1.15	1.17	3.80	ppb
Molybdenum	96-1	2.80	2.93	2.85	2.86	2.21	ppb
Molybdenum	97-1	1.24	1.22	1.20	1.22	1.46	ppb
Molybdenum	98-1	1.15	1.15	1.19	1.17	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.99	36.63	37.53	37.05	1.22	ppb
Phosphorus	31-2	2249.95	2203.77	2240.62	2231.44	1.09	ppb
Potassium	39-2	8425.23	8359.58	8306.96	8363.92	0.71	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				115		%
Scandium	45-2				116		%
Selenium	82-1	0.77	1.35	1.11	1.08	26.92	ppb
Selenium	77-2	17.24	18.26	13.58	16.36	15.04	ppb
Selenium	78-2	3.92	3.69	3.79	3.80	2.96	ppb
Silicon	28-1	986.32	992.34	1018.25	998.97	1.70	ppb
Silver	107-1	0.27	0.23	0.24	0.25	9.20	ppb
Silver	109-1	0.27	0.23	0.25	0.25	8.72	ppb
Sodium	23-2	249.91	252.31	254.64	252.29	0.94	ppb
Strontium	86-1	75.41	74.63	74.38	74.81	0.72	ppb
Strontium	88-1	76.82	76.26	77.21	76.77	0.62	ppb
Sulfur	34-1	-3404.61	-3519.85	-3584.86	-3503.11		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.33	0.36	0.36	0.35	4.17	ppb
Thallium	205-1	0.34	0.36	0.34	0.35	2.76	ppb
Tin	118-1	2.04	2.14	2.11	2.10	2.30	ppb
Titanium	47-1	1786.57	1794.02	1800.62	1793.74	0.39	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-18	Instrumnet Name :	P7
Client Sample ID :	MYDAQ9	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:52:45	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	1.01	1.00	1.00	1.37	ppb
Vanadium	51-2	200.68	198.14	200.51	199.78	0.71	ppb
Yttrium	89-1				121		%
Yttrium	89-2				116		%
Zinc	66-2	219.06	219.04	220.96	219.69	0.50	ppb
Zirconium	90-1	7.10	7.09	7.00	7.07	0.77	ppb
Zirconium	91-1	6.87	7.06	6.96	6.97	1.35	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-19	Instrumnet Name :	P7
Client Sample ID :	MYDAR0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:55:56	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36855.55	36542.65	36582.38	36660.19	0.46	ppb
Antimony	121-1	2.44	2.45	2.40	2.43	1.05	ppb
Arsenic	75-2	139.58	141.96	138.50	140.01	1.27	ppb
Barium	135-1	358.31	356.94	361.75	359.00	0.69	ppb
Barium	137-1	352.81	353.11	357.49	354.47	0.74	ppb
Beryllium	9-1	1.70	1.71	1.67	1.69	1.14	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.67	2.56	1.92	2.05	22.48	ppb
Cadmium	106-1	3.15	2.58	1.80	2.51	26.92	ppb
Cadmium	111-1	1.87	1.59	1.67	1.71	8.43	ppb
Calcium	43-1	19464.35	19437.41	19934.07	19611.95	1.42	ppb
Calcium	44-1	18753.78	18807.67	19125.01	18895.48	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.80	44.37	44.09	44.42	0.81	ppb
Cobalt	59-2	35.41	35.32	35.52	35.42	0.29	ppb
Copper	63-2	123.95	121.92	123.43	123.10	0.86	ppb
Dysprosium	156-1						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				109		%
Indium	115-2				106		%
Iron	56-2	90018.27	88670.20	88643.60	89110.69	0.88	ppb
Iron	57-2	90338.42	87714.37	89381.73	89144.84	1.49	ppb
Iron	54-2	90146.97	88699.85	89011.35	89286.06	0.85	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-19	Instrumnet Name :	P7
Client Sample ID :	MYDAR0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:55:56	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	103.85	103.98	102.72	103.52	0.66	ppb
Lead	207-1	107.57	108.60	107.45	107.87	0.59	ppb
Lead	208-1	104.72	105.74	104.57	105.01	0.60	ppb
Lithium	6-1				84		%
Magnesium	24-2	14536.11	14324.97	14287.18	14382.75	0.93	ppb
Manganese	55-2	1966.98	1962.50	1958.20	1962.56	0.22	ppb
Molybdenum	94-1	12.21	12.22	12.18	12.20	0.16	ppb
Molybdenum	95-1	1.05	1.13	1.14	1.11	4.24	ppb
Molybdenum	96-1	2.72	2.70	2.73	2.72	0.53	ppb
Molybdenum	97-1	1.15	1.18	1.12	1.15	2.54	ppb
Molybdenum	98-1	1.12	1.15	1.11	1.13	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.17	39.29	38.78	39.08	0.68	ppb
Phosphorus	31-2	3023.39	2924.51	2967.68	2971.86	1.67	ppb
Potassium	39-2	12192.36	11939.14	11976.17	12035.89	1.14	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	1.39	2.25	1.41	1.68	29.36	ppb
Selenium	77-2	15.15	19.57	15.96	16.89	13.94	ppb
Selenium	78-2	3.89	5.60	5.71	5.06	20.15	ppb
Silicon	28-1	1092.64	1084.23	1100.86	1092.57	0.76	ppb
Silver	107-1	0.64	0.66	0.65	0.65	1.32	ppb
Silver	109-1	0.60	0.65	0.64	0.63	4.64	ppb
Sodium	23-2	263.23	264.99	265.19	264.47	0.41	ppb
Strontium	86-1	98.59	99.09	99.79	99.16	0.61	ppb
Strontium	88-1	99.68	101.48	100.70	100.62	0.90	ppb
Sulfur	34-1	-1508.92	-1937.98	-1815.38	-1754.09		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.37	0.36	0.33	0.35	5.36	ppb
Thallium	205-1	0.35	0.37	0.38	0.37	4.15	ppb
Tin	118-1	2.48	2.39	2.39	2.42	2.06	ppb
Titanium	47-1	1430.17	1410.70	1482.64	1441.17	2.58	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-19	Instrumnet Name :	P7
Client Sample ID :	MYDAR0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:55:56	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.95	0.98	0.96	1.90	ppb
Vanadium	51-2	147.80	144.95	146.94	146.56	1.00	ppb
Yttrium	89-1				119		%
Yttrium	89-2				115		%
Zinc	66-2	432.98	425.20	431.07	429.75	0.94	ppb
Zirconium	90-1	6.87	6.92	7.07	6.95	1.46	ppb
Zirconium	91-1	6.86	6.79	6.98	6.88	1.40	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-20	Instrumnet Name :	P7
Client Sample ID :	MYDAR1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:59:09	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30498.48	29738.55	29939.25	30058.76	1.31	ppb
Antimony	121-1	1.85	1.76	1.82	1.81	2.38	ppb
Arsenic	75-2	97.82	97.27	97.37	97.49	0.30	ppb
Barium	135-1	249.05	244.47	246.94	246.82	0.93	ppb
Barium	137-1	245.92	240.85	242.98	243.25	1.05	ppb
Beryllium	9-1	1.33	1.37	1.41	1.37	3.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.46	1.46	1.16	1.36	12.58	ppb
Cadmium	106-1	2.81	1.16	1.09	1.69	57.76	ppb
Cadmium	111-1	1.03	1.00	1.08	1.03	3.64	ppb
Calcium	43-1	12058.14	12066.57	12250.50	12125.07	0.90	ppb
Calcium	44-1	11631.21	11612.12	11657.52	11633.62	0.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.31	40.64	40.02	40.33	0.77	ppb
Cobalt	59-2	30.46	30.60	30.19	30.41	0.69	ppb
Copper	63-2	72.18	71.87	71.16	71.73	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				109		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	85453.48	86341.10	85549.66	85781.42	0.57	ppb
Iron	57-2	83873.76	84888.99	84161.43	84308.06	0.62	ppb
Iron	54-2	86253.81	86549.60	84890.37	85897.93	1.03	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-20	Instrumnet Name :	P7
Client Sample ID :	MYDAR1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:59:09	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.09	64.99	64.49	64.52	0.70	ppb
Lead	207-1	65.30	67.26	66.81	66.46	1.54	ppb
Lead	208-1	64.20	65.45	65.19	64.95	1.02	ppb
Lithium	6-1				82		%
Magnesium	24-2	10404.28	10411.93	10277.78	10364.66	0.73	ppb
Manganese	55-2	1305.08	1333.11	1313.07	1317.09	1.10	ppb
Molybdenum	94-1	14.57	14.27	14.47	14.44	1.03	ppb
Molybdenum	95-1	1.03	0.99	0.99	1.00	1.97	ppb
Molybdenum	96-1	2.89	2.89	2.85	2.88	0.71	ppb
Molybdenum	97-1	1.08	0.98	1.07	1.04	5.16	ppb
Molybdenum	98-1	0.99	1.00	0.98	0.99	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.38	30.01	29.48	29.96	1.51	ppb
Phosphorus	31-2	2053.99	2123.31	2126.12	2101.14	1.94	ppb
Potassium	39-2	6167.67	6222.00	6098.76	6162.81	1.00	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				114		%
Selenium	82-1	1.22	0.55	1.55	1.10	46.16	ppb
Selenium	77-2	13.18	11.18	12.58	12.31	8.36	ppb
Selenium	78-2	5.00	3.60	3.34	3.98	22.48	ppb
Silicon	28-1	956.43	968.82	996.08	973.78	2.08	ppb
Silver	107-1	0.28	0.30	0.28	0.29	4.27	ppb
Silver	109-1	0.29	0.27	0.31	0.29	7.36	ppb
Sodium	23-2	193.59	196.14	186.63	192.12	2.56	ppb
Strontium	86-1	65.14	64.66	64.99	64.93	0.38	ppb
Strontium	88-1	65.47	65.01	65.12	65.20	0.37	ppb
Sulfur	34-1	-4710.77	-5014.05	-5110.95	-4945.26		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.24	0.24	0.25	6.29	ppb
Thallium	205-1	0.24	0.25	0.23	0.24	3.97	ppb
Tin	118-1	1.79	1.76	1.81	1.78	1.51	ppb
Titanium	47-1	1393.33	1422.49	1435.76	1417.19	1.53	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-20	Instrumnet Name :	P7
Client Sample ID :	MYDAR1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:59:09	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.87	0.83	0.84	3.55	ppb
Vanadium	51-2	171.77	172.53	170.62	171.64	0.56	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	281.27	278.52	276.31	278.70	0.89	ppb
Zirconium	90-1	8.08	8.20	8.23	8.17	1.00	ppb
Zirconium	91-1	8.15	8.29	8.32	8.25	1.08	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-21	Instrumnet Name :	P7
Client Sample ID :	MYDAR2	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:02:22	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50566.14	50560.53	52225.97	51117.54	1.88	ppb
Antimony	121-1	1.74	1.81	1.82	1.79	2.26	ppb
Arsenic	75-2	154.39	155.71	156.34	155.48	0.64	ppb
Barium	135-1	446.01	457.42	456.62	453.35	1.40	ppb
Barium	137-1	442.44	449.01	446.35	445.93	0.74	ppb
Beryllium	9-1	2.16	2.30	2.11	2.19	4.59	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.91	1.86	1.93	1.90	1.83	ppb
Cadmium	106-1	2.53	2.36	1.34	2.08	30.84	ppb
Cadmium	111-1	1.18	1.26	1.18	1.21	3.62	ppb
Calcium	43-1	17864.20	17995.54	17580.34	17813.36	1.19	ppb
Calcium	44-1	17224.99	17215.69	17039.01	17159.90	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.58	57.10	58.57	57.75	1.29	ppb
Cobalt	59-2	42.28	41.90	41.88	42.02	0.54	ppb
Copper	63-2	89.59	88.60	90.77	89.65	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				112		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	106523.12	107534.82	107914.68	107324.21	0.67	ppb
Iron	57-2	106056.45	106941.73	108002.95	107000.37	0.91	ppb
Iron	54-2	106269.75	108259.99	107493.16	107340.97	0.94	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-21	Instrumnet Name :	P7
Client Sample ID :	MYDAR2	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:02:22	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	88.88	88.99	89.25	89.04	0.21	ppb
Lead	207-1	91.70	91.66	92.72	92.03	0.66	ppb
Lead	208-1	90.04	89.72	90.42	90.06	0.39	ppb
Lithium	6-1				83		%
Magnesium	24-2	16178.83	16280.55	16617.58	16358.98	1.40	ppb
Manganese	55-2	1839.82	1864.18	1854.42	1852.81	0.66	ppb
Molybdenum	94-1	18.14	18.16	18.42	18.24	0.87	ppb
Molybdenum	95-1	1.26	1.17	1.22	1.22	3.48	ppb
Molybdenum	96-1	3.55	3.54	3.44	3.51	1.76	ppb
Molybdenum	97-1	1.24	1.18	1.20	1.21	2.21	ppb
Molybdenum	98-1	1.22	1.21	1.19	1.21	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.17	44.58	45.33	45.03	0.88	ppb
Phosphorus	31-2	2281.45	2389.62	2378.37	2349.81	2.53	ppb
Potassium	39-2	9923.78	10054.69	9987.57	9988.68	0.66	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				116		%
Scandium	45-2				117		%
Selenium	82-1	1.84	1.77	1.58	1.73	7.80	ppb
Selenium	77-2	19.52	18.08	21.93	19.85	9.80	ppb
Selenium	78-2	6.63	3.52	3.04	4.40	44.27	ppb
Silicon	28-1	1216.53	1211.57	1187.10	1205.07	1.31	ppb
Silver	107-1	0.45	0.49	0.47	0.47	4.28	ppb
Silver	109-1	0.45	0.48	0.47	0.47	3.52	ppb
Sodium	23-2	238.52	238.34	242.62	239.83	1.01	ppb
Strontium	86-1	104.48	104.47	103.27	104.07	0.67	ppb
Strontium	88-1	106.74	105.83	106.46	106.34	0.44	ppb
Sulfur	34-1	-4501.58	-4778.64	-4990.60	-4756.94		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.34	0.38	0.37	0.36	4.91	ppb
Thallium	205-1	0.36	0.35	0.36	0.36	1.37	ppb
Tin	118-1	2.32	2.37	2.38	2.36	1.49	ppb
Titanium	47-1	1353.06	1349.79	1356.41	1353.09	0.24	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-21	Instrumnet Name :	P7
Client Sample ID :	MYDAR2	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:02:22	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.21	1.23	1.22	1.22	1.07	ppb
Vanadium	51-2	188.88	188.24	192.73	189.95	1.28	ppb
Yttrium	89-1				120		%
Yttrium	89-2				117		%
Zinc	66-2	403.42	404.15	406.60	404.72	0.41	ppb
Zirconium	90-1	10.49	10.31	10.35	10.38	0.91	ppb
Zirconium	91-1	10.41	10.46	10.28	10.38	0.88	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-22	Instrumnet Name :	P7
Client Sample ID :	MYDAR3	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:05:34	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54731.08	54577.42	55089.75	54799.42	0.48	ppb
Antimony	121-1	0.86	0.85	0.82	0.85	2.57	ppb
Arsenic	75-2	64.01	63.06	63.30	63.46	0.78	ppb
Barium	135-1	428.01	429.64	430.27	429.31	0.27	ppb
Barium	137-1	422.63	425.19	422.38	423.40	0.37	ppb
Beryllium	9-1	2.00	2.09	2.12	2.07	3.05	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.22	1.25	1.03	1.17	10.41	ppb
Cadmium	106-1	1.29	1.25	1.21	1.25	3.34	ppb
Cadmium	111-1	0.44	0.42	0.42	0.43	2.84	ppb
Calcium	43-1	18981.86	19092.96	19190.42	19088.41	0.55	ppb
Calcium	44-1	18356.39	18629.35	18620.55	18535.43	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.11	56.88	57.23	57.41	1.10	ppb
Cobalt	59-2	42.05	40.88	41.22	41.39	1.45	ppb
Copper	63-2	93.52	90.51	92.06	92.03	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				110		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	104575.56	102966.75	103347.75	103630.02	0.81	ppb
Iron	57-2	104257.85	101184.12	102990.42	102810.80	1.50	ppb
Iron	54-2	105410.25	104941.71	103485.70	104612.55	0.96	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-22	Instrumnet Name :	P7
Client Sample ID :	MYDAR3	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:05:34	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.42	29.73	29.90	29.68	0.81	ppb
Lead	207-1	28.03	28.52	28.22	28.25	0.87	ppb
Lead	208-1	28.48	28.62	28.41	28.50	0.37	ppb
Lithium	6-1				84		%
Magnesium	24-2	18451.77	18271.56	18439.28	18387.54	0.55	ppb
Manganese	55-2	1475.18	1458.58	1453.68	1462.48	0.77	ppb
Molybdenum	94-1	15.25	15.03	15.04	15.11	0.81	ppb
Molybdenum	95-1	0.84	0.91	0.86	0.87	4.05	ppb
Molybdenum	96-1	2.80	2.78	2.86	2.81	1.42	ppb
Molybdenum	97-1	0.86	0.91	0.90	0.89	3.18	ppb
Molybdenum	98-1	0.89	0.84	0.85	0.86	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.11	47.47	48.06	47.88	0.75	ppb
Phosphorus	31-2	2356.85	2332.22	2336.74	2341.94	0.56	ppb
Potassium	39-2	4945.66	4846.81	4892.59	4895.02	1.01	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				116		%
Scandium	45-2				118		%
Selenium	82-1	1.57	0.75	0.69	1.00	49.17	ppb
Selenium	77-2	16.14	16.47	21.28	17.97	16.02	ppb
Selenium	78-2	3.29	3.94	4.24	3.82	12.70	ppb
Silicon	28-1	1061.64	1063.35	1064.66	1063.22	0.14	ppb
Silver	107-1	0.20	0.18	0.19	0.19	4.50	ppb
Silver	109-1	0.18	0.19	0.20	0.19	6.13	ppb
Sodium	23-2	431.22	414.65	424.97	423.62	1.98	ppb
Strontium	86-1	93.32	90.70	91.78	91.93	1.43	ppb
Strontium	88-1	94.26	94.34	93.98	94.19	0.20	ppb
Sulfur	34-1	-5541.23	-5680.64	-5774.54	-5665.47		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.27	0.24	0.27	0.26	5.56	ppb
Thallium	205-1	0.27	0.28	0.27	0.27	2.75	ppb
Tin	118-1	2.33	2.39	2.29	2.34	2.20	ppb
Titanium	47-1	1394.67	1440.85	1438.04	1424.52	1.82	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-22	Instrumnet Name :	P7
Client Sample ID :	MYDAR3	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:05:34	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.08	1.08	1.08	0.75	ppb
Vanadium	51-2	192.30	186.44	188.23	188.99	1.59	ppb
Yttrium	89-1				121		%
Yttrium	89-2				116		%
Zinc	66-2	184.34	177.84	178.08	180.08	2.05	ppb
Zirconium	90-1	8.69	8.63	8.68	8.67	0.40	ppb
Zirconium	91-1	8.64	8.66	8.73	8.68	0.58	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:08:44	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10496.74	10414.89	10389.69	10433.78	0.54	ppb
Antimony	121-1	0.40	0.40	0.40	0.40	0.67	ppb
Arsenic	75-2	19.70	19.34	19.99	19.68	1.64	ppb
Barium	135-1	81.41	78.94	78.04	79.46	2.19	ppb
Barium	137-1	78.53	79.30	78.48	78.77	0.58	ppb
Beryllium	9-1	0.34	0.35	0.42	0.37	10.35	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.55	0.50	0.43	0.49	11.89	ppb
Cadmium	106-1	0.59	0.18	-0.33	0.15	312.00	ppb
Cadmium	111-1	0.30	0.31	0.24	0.28	13.90	ppb
Calcium	43-1	5273.99	5600.45	5541.36	5471.93	3.18	ppb
Calcium	44-1	5318.75	5388.44	5302.24	5336.48	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.99	11.84	12.06	11.96	0.97	ppb
Cobalt	59-2	7.65	7.78	7.68	7.70	0.90	ppb
Copper	63-2	24.07	23.68	24.06	23.94	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				112		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	18976.93	18758.53	19067.12	18934.19	0.84	ppb
Iron	57-2	19636.31	19470.63	19668.21	19591.72	0.54	ppb
Iron	54-2	19554.36	19112.24	18963.87	19210.16	1.60	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:08:44	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.91	11.17	11.35	11.14	1.99	ppb
Lead	207-1	10.76	11.63	11.70	11.36	4.60	ppb
Lead	208-1	10.60	11.34	11.20	11.05	3.56	ppb
Lithium	6-1				87		%
Magnesium	24-2	3831.90	3788.81	3797.98	3806.23	0.60	ppb
Manganese	55-2	398.40	395.39	392.71	395.50	0.72	ppb
Molybdenum	94-1	5.54	5.75	5.68	5.66	1.89	ppb
Molybdenum	95-1	0.53	0.60	0.58	0.57	6.86	ppb
Molybdenum	96-1	1.15	1.22	1.20	1.19	2.89	ppb
Molybdenum	97-1	0.59	0.60	0.60	0.60	0.44	ppb
Molybdenum	98-1	0.54	0.56	0.56	0.55	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.47	10.14	10.37	10.33	1.62	ppb
Phosphorus	31-2	516.07	496.53	493.75	502.12	2.42	ppb
Potassium	39-2	2444.97	2416.75	2434.31	2432.01	0.59	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	-0.63	0.43	0.17	-0.01		ppb
Selenium	77-2	2.77	3.09	4.90	3.59	32.10	ppb
Selenium	78-2	2.03	1.19	0.63	1.28	54.86	ppb
Silicon	28-1	197.63	205.06	213.86	205.52	3.95	ppb
Silver	107-1	0.06	0.08	0.07	0.07	12.57	ppb
Silver	109-1	0.08	0.08	0.07	0.08	7.14	ppb
Sodium	23-2	86.67	87.64	84.78	86.36	1.69	ppb
Strontium	86-1	20.45	21.78	22.27	21.50	4.38	ppb
Strontium	88-1	20.37	22.10	21.47	21.31	4.10	ppb
Sulfur	34-1	-5823.97	-5613.11	-5557.28	-5664.79		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.09	0.10	0.09	15.17	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	1.55	ppb
Tin	118-1	0.58	0.56	0.60	0.58	2.94	ppb
Titanium	47-1	305.00	318.73	330.10	317.94	3.95	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:08:44	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.26	0.26	0.25	6.56	ppb
Vanadium	51-2	30.89	30.11	30.31	30.44	1.33	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	68.75	66.96	68.22	67.97	1.36	ppb
Zirconium	90-1	3.08	3.14	3.49	3.24	6.88	ppb
Zirconium	91-1	3.07	3.23	3.24	3.18	3.03	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:12:01	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10247.75	10484.74	10232.63	10321.71	1.37	ppb
Antimony	121-1	0.37	0.38	0.38	0.38	2.36	ppb
Arsenic	75-2	20.26	21.10	20.95	20.77	2.17	ppb
Barium	135-1	80.67	84.08	83.91	82.89	2.31	ppb
Barium	137-1	81.17	81.63	82.54	81.78	0.85	ppb
Beryllium	9-1	0.50	0.43	0.44	0.45	9.20	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.44	0.65	0.46	0.52	21.60	ppb
Cadmium	106-1	0.30	0.48	-0.78	0.00		ppb
Cadmium	111-1	0.24	0.32	0.19	0.25	25.62	ppb
Calcium	43-1	5656.93	5609.03	5657.47	5641.15	0.49	ppb
Calcium	44-1	5535.74	5545.03	5459.18	5513.32	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.40	12.37	12.46	12.41	0.33	ppb
Cobalt	59-2	8.28	8.05	8.18	8.17	1.37	ppb
Copper	63-2	23.50	23.40	23.52	23.48	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				113		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	19717.36	19541.51	19774.74	19677.87	0.62	ppb
Iron	57-2	19623.04	19325.26	20384.93	19777.75	2.76	ppb
Iron	54-2	19976.18	19841.91	19848.94	19889.01	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:12:01	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.31	11.35	11.86	11.51	2.69	ppb
Lead	207-1	11.68	11.14	12.05	11.62	3.94	ppb
Lead	208-1	11.47	11.25	11.69	11.47	1.89	ppb
Lithium	6-1				86		%
Magnesium	24-2	3960.97	3948.24	3978.78	3962.66	0.39	ppb
Manganese	55-2	421.48	422.29	422.33	422.03	0.11	ppb
Molybdenum	94-1	5.79	5.71	5.99	5.83	2.50	ppb
Molybdenum	95-1	0.72	0.71	0.73	0.72	1.44	ppb
Molybdenum	96-1	1.33	1.31	1.36	1.33	2.10	ppb
Molybdenum	97-1	0.71	0.73	0.73	0.72	2.34	ppb
Molybdenum	98-1	0.71	0.69	0.75	0.72	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.95	10.86	10.49	10.77	2.31	ppb
Phosphorus	31-2	507.63	507.10	519.44	511.39	1.36	ppb
Potassium	39-2	2553.68	2541.23	2584.12	2559.68	0.86	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	-0.03	-0.19	0.63	0.14	318.15	ppb
Selenium	77-2	4.56	4.01	2.49	3.69	29.05	ppb
Selenium	78-2	0.71	1.77	0.08	0.85	100.40	ppb
Silicon	28-1	220.59	230.11	231.58	227.43	2.62	ppb
Silver	107-1	0.06	0.06	0.07	0.06	6.31	ppb
Silver	109-1	0.08	0.07	0.06	0.07	12.71	ppb
Sodium	23-2	76.95	76.61	76.70	76.75	0.23	ppb
Strontium	86-1	21.78	21.43	22.88	22.03	3.44	ppb
Strontium	88-1	21.99	21.48	22.38	21.95	2.06	ppb
Sulfur	34-1	-5163.39	-5485.85	-5360.84	-5336.69		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.09	0.09	0.09	4.88	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	11.27	ppb
Tin	118-1	0.59	0.57	0.62	0.59	4.72	ppb
Titanium	47-1	328.73	325.66	338.12	330.84	1.96	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:12:01	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.26	0.28	0.27	3.15	ppb
Vanadium	51-2	31.10	31.27	31.62	31.33	0.84	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	72.46	72.15	72.88	72.49	0.51	ppb
Zirconium	90-1	3.10	3.19	3.31	3.20	3.36	ppb
Zirconium	91-1	3.25	3.17	3.30	3.24	2.06	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAN1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 20:15:15	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2069.57	2077.57	2044.68	2063.94	0.83	ppb
Antimony	121-1	0.10	0.08	0.08	0.09	11.75	ppb
Arsenic	75-2	4.52	4.01	3.85	4.13	8.50	ppb
Barium	135-1	14.96	15.35	15.35	15.22	1.46	ppb
Barium	137-1	15.17	14.99	15.11	15.09	0.61	ppb
Beryllium	9-1	0.05	0.10	0.11	0.09	35.20	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.06	0.09	0.01	995.89	ppb
Cadmium	106-1	-0.32	-0.97	-0.52	-0.60		ppb
Cadmium	111-1	0.04	0.03	0.01	0.02	60.29	ppb
Calcium	43-1	1039.37	1078.11	1069.71	1062.40	1.92	ppb
Calcium	44-1	1073.36	1082.72	1101.17	1085.75	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.29	2.38	2.36	2.34	2.05	ppb
Cobalt	59-2	1.44	1.57	1.51	1.51	4.04	ppb
Copper	63-2	4.79	4.74	4.75	4.76	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				110		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	3766.12	3703.70	3754.44	3741.42	0.89	ppb
Iron	57-2	3866.78	3878.19	3793.68	3846.22	1.19	ppb
Iron	54-2	3929.26	3951.04	3880.83	3920.38	0.92	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAN1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 20:15:15	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.11	2.12	2.09	2.11	0.77	ppb
Lead	207-1	2.17	2.10	2.16	2.15	1.68	ppb
Lead	208-1	2.11	2.10	2.14	2.12	0.88	ppb
Lithium	6-1				87		%
Magnesium	24-2	749.03	748.95	752.95	750.31	0.30	ppb
Manganese	55-2	78.57	78.35	76.75	77.89	1.27	ppb
Molybdenum	94-1	1.19	1.08	1.06	1.11	6.15	ppb
Molybdenum	95-1	0.10	0.11	0.11	0.10	5.30	ppb
Molybdenum	96-1	0.25	0.24	0.23	0.24	5.52	ppb
Molybdenum	97-1	0.12	0.12	0.11	0.12	1.67	ppb
Molybdenum	98-1	0.12	0.12	0.10	0.11	8.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.04	2.00	1.98	2.01	1.49	ppb
Phosphorus	31-2	87.14	83.01	76.13	82.09	6.78	ppb
Potassium	39-2	478.80	483.24	465.60	475.88	1.93	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	-0.21	0.31	-0.14	-0.01		ppb
Selenium	77-2	0.80	1.71	0.19	0.90	85.19	ppb
Selenium	78-2	2.69	0.00	-0.58	0.70	248.79	ppb
Silicon	28-1	41.00	41.06	43.16	41.74	2.95	ppb
Silver	107-1	0.02	0.02	0.02	0.02	0.94	ppb
Silver	109-1	0.01	0.02	0.01	0.01	9.60	ppb
Sodium	23-2	20.44	21.33	20.19	20.65	2.88	ppb
Strontium	86-1	4.18	4.25	4.17	4.20	1.01	ppb
Strontium	88-1	4.16	4.21	4.17	4.18	0.62	ppb
Sulfur	34-1	-5489.77	-5471.80	-5495.11	-5485.56		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.01	0.02	0.02	24.37	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	7.26	ppb
Tin	118-1	0.09	0.07	0.09	0.08	17.42	ppb
Titanium	47-1	60.61	62.58	62.76	61.98	1.93	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAN1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 20:15:15	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	6.72	ppb
Vanadium	51-2	5.99	5.78	5.85	5.87	1.79	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	13.78	14.07	13.54	13.80	1.92	ppb
Zirconium	90-1	0.60	0.63	0.62	0.61	2.60	ppb
Zirconium	91-1	0.63	0.70	0.62	0.65	6.30	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:18:35	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10299.90	10361.77	10315.21	10325.62	0.31	ppb
Antimony	121-1	17.70	16.38	16.91	17.00	3.90	ppb
Arsenic	75-2	26.81	27.16	26.17	26.71	1.88	ppb
Barium	135-1	402.80	394.54	391.78	396.37	1.45	ppb
Barium	137-1	395.62	387.99	399.97	394.53	1.54	ppb
Beryllium	9-1	9.52	10.32	9.91	9.92	4.01	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.17	8.02	7.84	8.01	2.04	ppb
Cadmium	106-1	7.98	7.77	7.89	7.88	1.38	ppb
Cadmium	111-1	9.10	8.82	8.82	8.92	1.81	ppb
Calcium	43-1	5627.85	5519.22	5565.89	5570.99	0.98	ppb
Calcium	44-1	5193.41	5354.93	5533.20	5360.51	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.36	46.39	45.60	46.12	0.98	ppb
Cobalt	59-2	91.82	92.47	90.72	91.67	0.97	ppb
Copper	63-2	62.58	62.81	62.03	62.47	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				111		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	19343.45	19396.07	19352.39	19363.97	0.15	ppb
Iron	57-2	19888.28	19974.42	19707.79	19856.83	0.69	ppb
Iron	54-2	19628.94	19666.49	19472.08	19589.17	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:18:35	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.92	14.71	14.32	14.32	2.75	ppb
Lead	207-1	13.57	14.82	14.83	14.41	5.04	ppb
Lead	208-1	13.91	14.37	14.27	14.18	1.68	ppb
Lithium	6-1				86		%
Magnesium	24-2	3813.84	3834.46	3796.27	3814.86	0.50	ppb
Manganese	55-2	483.04	487.03	478.83	482.96	0.85	ppb
Molybdenum	94-1	5.62	5.39	5.64	5.55	2.47	ppb
Molybdenum	95-1	0.56	0.66	0.64	0.62	8.30	ppb
Molybdenum	96-1	1.15	1.23	1.32	1.23	6.96	ppb
Molybdenum	97-1	0.60	0.60	0.56	0.59	4.20	ppb
Molybdenum	98-1	0.58	0.61	0.63	0.60	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.21	96.40	95.43	96.01	0.53	ppb
Phosphorus	31-2	489.41	497.39	471.75	486.18	2.70	ppb
Potassium	39-2	2436.78	2454.75	2399.37	2430.30	1.16	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	13.98	14.03	15.52	14.51	6.04	ppb
Selenium	77-2	18.79	13.30	18.64	16.91	18.48	ppb
Selenium	78-2	17.97	15.70	12.70	15.46	17.11	ppb
Silicon	28-1	200.15	209.04	202.56	203.92	2.26	ppb
Silver	107-1	7.57	7.19	7.34	7.36	2.60	ppb
Silver	109-1	7.53	7.22	7.54	7.43	2.48	ppb
Sodium	23-2	63.28	65.06	63.40	63.91	1.56	ppb
Strontium	86-1	21.16	22.50	22.63	22.09	3.68	ppb
Strontium	88-1	21.74	21.42	22.09	21.75	1.55	ppb
Sulfur	34-1	-5119.72	-5104.15	-5313.96	-5179.28		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	7.14	7.68	7.61	7.48	3.89	ppb
Thallium	205-1	7.53	7.37	7.49	7.46	1.13	ppb
Tin	118-1	0.64	0.57	0.58	0.60	6.10	ppb
Titanium	47-1	313.64	333.61	329.87	325.71	3.26	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:18:35	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.27	0.26	0.26	1.53	ppb
Vanadium	51-2	114.83	116.04	114.07	114.98	0.87	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	146.46	149.47	147.05	147.66	1.08	ppb
Zirconium	90-1	3.04	3.07	3.21	3.10	2.90	ppb
Zirconium	91-1	2.89	3.21	3.20	3.10	5.79	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:21:50	DataFile Name :	083LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11220.04	11236.91	11128.99	11195.31	0.52	ppb
Antimony	121-1	71.72	71.54	71.92	71.73	0.27	ppb
Arsenic	75-2	47.26	47.42	47.44	47.37	0.21	ppb
Barium	135-1	1522.61	1541.41	1510.57	1524.86	1.02	ppb
Barium	137-1	1508.41	1545.24	1505.36	1519.67	1.46	ppb
Beryllium	9-1	39.03	39.69	39.81	39.51	1.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.98	32.51	34.65	33.04	4.28	ppb
Cadmium	106-1	32.39	32.35	30.71	31.82	3.01	ppb
Cadmium	111-1	37.11	36.44	36.94	36.83	0.94	ppb
Calcium	43-1	5356.25	5232.62	5446.37	5345.08	2.01	ppb
Calcium	44-1	5180.81	5146.29	5221.17	5182.75	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	158.11	158.49	157.03	157.88	0.48	ppb
Cobalt	59-2	374.07	373.05	366.20	371.11	1.15	ppb
Copper	63-2	187.76	192.03	190.47	190.09	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				109		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	19534.01	19464.40	19300.95	19433.12	0.62	ppb
Iron	57-2	19808.11	19963.75	19809.17	19860.34	0.45	ppb
Iron	54-2	19396.45	19747.84	19580.32	19574.87	0.90	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:21:50	DataFile Name :	083LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.75	23.18	23.73	23.55	1.36	ppb
Lead	207-1	23.12	23.40	23.64	23.39	1.12	ppb
Lead	208-1	23.45	23.35	23.55	23.45	0.43	ppb
Lithium	6-1				86		%
Magnesium	24-2	3689.77	3724.36	3699.24	3704.46	0.48	ppb
Manganese	55-2	750.40	740.37	731.01	740.59	1.31	ppb
Molybdenum	94-1	5.33	5.38	5.48	5.40	1.48	ppb
Molybdenum	95-1	0.58	0.60	0.56	0.58	4.07	ppb
Molybdenum	96-1	1.17	1.21	1.22	1.20	1.96	ppb
Molybdenum	97-1	0.62	0.56	0.52	0.57	9.09	ppb
Molybdenum	98-1	0.59	0.57	0.61	0.59	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	368.72	373.04	370.15	370.64	0.59	ppb
Phosphorus	31-2	473.19	502.95	469.31	481.82	3.82	ppb
Potassium	39-2	2363.08	2373.80	2376.90	2371.26	0.31	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	79.89	76.97	77.65	78.17	1.95	ppb
Selenium	77-2	78.56	80.72	77.23	78.84	2.23	ppb
Selenium	78-2	73.79	79.93	78.12	77.28	4.08	ppb
Silicon	28-1	201.37	197.32	203.80	200.83	1.63	ppb
Silver	107-1	23.05	23.32	22.87	23.08	0.97	ppb
Silver	109-1	22.88	22.98	23.16	23.01	0.60	ppb
Sodium	23-2	57.17	62.64	61.75	60.52	4.85	ppb
Strontium	86-1	21.03	20.53	20.77	20.78	1.22	ppb
Strontium	88-1	20.50	20.55	20.58	20.54	0.19	ppb
Sulfur	34-1	-5376.61	-5573.35	-5513.84	-5487.93		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	31.41	31.81	31.87	31.70	0.80	ppb
Thallium	205-1	31.64	31.03	31.75	31.47	1.24	ppb
Tin	118-1	0.53	0.55	0.51	0.53	4.06	ppb
Titanium	47-1	307.37	309.22	312.90	309.83	0.91	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:21:50	DataFile Name :	083LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.26	0.26	0.25	1.51	ppb
Vanadium	51-2	385.81	387.97	387.39	387.05	0.29	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	406.90	411.58	412.72	410.40	0.75	ppb
Zirconium	90-1	2.99	2.96	3.02	2.99	0.98	ppb
Zirconium	91-1	2.81	3.08	3.08	2.99	5.18	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BL	Instrumnet Name :	P7
Client Sample ID :	PBS189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:25:02	DataFile Name :	084LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.95	25.45	26.06	25.82	1.26	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	12.94	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	3.71	ppb
Barium	135-1	0.11	0.03	0.06	0.07	56.82	ppb
Barium	137-1	0.10	0.05	0.06	0.07	37.30	ppb
Beryllium	9-1	0.01	0.01	-0.02	0.00	860.20	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.03	-0.06	-0.05		ppb
Cadmium	106-1	-0.23	-1.51	-1.04	-0.93		ppb
Cadmium	111-1	-0.01	-0.09	-0.07	-0.06		ppb
Calcium	43-1	12.57	12.09	11.32	11.99	5.28	ppb
Calcium	44-1	10.60	9.67	9.33	9.87	6.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.02	0.04	0.03	52.06	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				114		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	1.14	1.15	1.29	1.19	6.94	ppb
Iron	57-2	-0.42	-2.27	-1.54	-1.41		ppb
Iron	54-2	-0.52	0.33	0.01	-0.06		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BL	Instrumnet Name :	P7
Client Sample ID :	PBS189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:25:02	DataFile Name :	084LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.04	0.08	0.06	33.82	ppb
Lead	207-1	0.04	0.06	0.05	0.05	12.89	ppb
Lead	208-1	0.05	0.05	0.06	0.05	10.62	ppb
Lithium	6-1				87		%
Magnesium	24-2	1.08	1.12	1.34	1.18	11.78	ppb
Manganese	55-2	0.40	0.42	0.42	0.41	2.99	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		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	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-18.64	-18.59	-14.92	-17.38		ppb
Potassium	39-2	-7.13	-5.18	-5.87	-6.06		ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	-0.23	-0.94	0.70	-0.16		ppb
Selenium	77-2	-0.11	0.48	-0.11	0.09	379.84	ppb
Selenium	78-2	-0.42	0.43	0.58	0.20	271.41	ppb
Silicon	28-1	-3.02	-3.10	-3.14	-3.09		ppb
Silver	107-1	0.03	0.02	0.03	0.02	16.38	ppb
Silver	109-1	0.03	0.02	0.03	0.03	17.68	ppb
Sodium	23-2	-7.15	-7.64	-8.02	-7.61		ppb
Strontium	86-1	-0.01	-0.01	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	63.56	ppb
Sulfur	34-1	-5749.98	-5716.11	-5768.31	-5744.80		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.02	0.02	2.26	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	16.14	ppb
Tin	118-1	-0.03	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.07	0.04	0.06	0.05	25.28	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BL	Instrumnet Name :	P7
Client Sample ID :	PBS189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:25:02	DataFile Name :	084LLCC.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	0.02	0.01	0.02	0.02	46.35	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	1.09	1.04	1.05	1.06	2.39	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	32.65	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	45.86	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BS	Instrumnet Name :	P7
Client Sample ID :	LCS189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:28:24	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.80	53.94	45.33	48.69	9.46	ppb
Antimony	121-1	4.02	4.03	4.05	4.03	0.48	ppb
Arsenic	75-2	2.05	2.17	2.05	2.09	3.43	ppb
Barium	135-1	18.45	19.11	18.83	18.79	1.76	ppb
Barium	137-1	18.35	18.89	18.89	18.71	1.68	ppb
Beryllium	9-1	2.08	2.35	2.23	2.22	6.19	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.25	2.70	2.49	2.48	9.00	ppb
Cadmium	106-1	2.41	1.53	1.14	1.70	38.33	ppb
Cadmium	111-1	2.52	2.27	2.43	2.40	5.34	ppb
Calcium	43-1	987.72	999.94	1015.97	1001.21	1.42	ppb
Calcium	44-1	1001.26	1006.91	1007.24	1005.14	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.59	4.47	4.36	4.47	2.60	ppb
Cobalt	59-2	2.09	2.11	2.04	2.08	1.79	ppb
Copper	63-2	4.14	4.22	4.27	4.21	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	441.73	445.05	443.16	443.31	0.38	ppb
Iron	57-2	439.37	442.85	437.68	439.97	0.60	ppb
Iron	54-2	444.21	453.56	448.60	448.79	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BS	Instrumnet Name :	P7
Client Sample ID :	LCS189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:28:24	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.83	1.86	1.85	1.84	0.77	ppb
Lead	207-1	1.76	1.90	1.89	1.85	4.28	ppb
Lead	208-1	1.81	1.84	1.82	1.82	0.93	ppb
Lithium	6-1				87		%
Magnesium	24-2	1077.18	1094.32	1087.77	1086.42	0.80	ppb
Manganese	55-2	2.35	2.61	2.40	2.45	5.76	ppb
Molybdenum	94-1	10.95	11.08	10.73	10.92	1.63	ppb
Molybdenum	95-1	8.91	9.04	9.00	8.98	0.72	ppb
Molybdenum	96-1	9.20	9.17	9.14	9.17	0.34	ppb
Molybdenum	97-1	9.04	9.02	9.03	9.03	0.09	ppb
Molybdenum	98-1	8.85	8.85	9.04	8.91	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.22	2.21	2.20	0.94	ppb
Phosphorus	31-2	-16.75	-13.99	-13.86	-14.86		ppb
Potassium	39-2	1061.19	1064.41	1075.45	1067.02	0.70	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	10.71	11.10	10.54	10.78	2.66	ppb
Selenium	77-2	9.19	9.04	9.25	9.16	1.16	ppb
Selenium	78-2	11.73	11.09	11.07	11.30	3.33	ppb
Silicon	28-1	-0.28	-0.21	-0.12	-0.20		ppb
Silver	107-1	1.90	1.96	2.00	1.95	2.49	ppb
Silver	109-1	1.94	1.99	2.06	2.00	2.95	ppb
Sodium	23-2	1006.31	1018.67	1021.94	1015.64	0.81	ppb
Strontium	86-1	1.94	1.90	1.99	1.94	2.44	ppb
Strontium	88-1	2.00	1.99	1.99	1.99	0.41	ppb
Sulfur	34-1	-5580.33	-5558.67	-5465.22	-5534.74		ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	1.66	1.80	1.79	1.75	4.45	ppb
Thallium	205-1	1.75	1.81	1.80	1.79	1.92	ppb
Tin	118-1	-0.02	0.00	0.02	0.00	1145.83	ppb
Titanium	47-1	9.40	9.24	9.21	9.29	1.07	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BS	Instrumnet Name :	P7
Client Sample ID :	LCS189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:28:24	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.64	1.66	1.67	1.66	0.94	ppb
Vanadium	51-2	10.29	10.36	10.31	10.32	0.33	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	11.47	11.75	11.28	11.50	2.03	ppb
Zirconium	90-1	2.00	2.05	2.04	2.03	1.28	ppb
Zirconium	91-1	1.98	2.05	2.07	2.03	2.27	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:31:46	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.05	95.06	95.81	95.64	0.54	ppb
Antimony	121-1	1.98	2.05	2.14	2.06	3.96	ppb
Arsenic	75-2	1.10	1.13	1.00	1.08	5.97	ppb
Barium	135-1	9.75	9.60	9.88	9.74	1.43	ppb
Barium	137-1	9.41	9.47	9.71	9.53	1.68	ppb
Beryllium	9-1	1.17	1.14	1.19	1.17	1.96	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.49	1.37	1.33	1.40	5.98	ppb
Cadmium	106-1	0.65	1.09	0.76	0.83	27.23	ppb
Cadmium	111-1	1.35	1.20	1.33	1.29	6.43	ppb
Calcium	43-1	537.74	543.21	531.68	537.54	1.07	ppb
Calcium	44-1	538.05	539.99	557.07	545.03	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.32	2.33	2.32	2.32	0.14	ppb
Cobalt	59-2	1.02	1.03	0.99	1.01	2.01	ppb
Copper	63-2	2.31	2.16	2.29	2.25	3.59	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				114		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				110		%
Iron	56-2	227.53	225.80	227.43	226.92	0.43	ppb
Iron	57-2	223.34	222.87	232.00	226.07	2.27	ppb
Iron	54-2	232.83	222.66	231.65	229.05	2.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:31:46	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.91	0.95	0.94	0.93	1.83	ppb
Lead	207-1	0.98	0.99	0.90	0.95	5.06	ppb
Lead	208-1	0.95	0.96	0.93	0.95	1.26	ppb
Lithium	6-1				88		%
Magnesium	24-2	557.61	548.33	544.10	550.01	1.26	ppb
Manganese	55-2	1.60	1.65	1.58	1.61	2.15	ppb
Molybdenum	94-1	5.41	5.47	5.53	5.47	1.10	ppb
Molybdenum	95-1	4.63	4.52	4.59	4.58	1.28	ppb
Molybdenum	96-1	4.54	4.62	4.64	4.60	1.11	ppb
Molybdenum	97-1	4.49	4.49	4.53	4.50	0.48	ppb
Molybdenum	98-1	4.45	4.59	4.62	4.56	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.28	1.19	1.26	1.24	3.68	ppb
Phosphorus	31-2	-15.99	-12.80	-17.71	-15.50		ppb
Potassium	39-2	544.60	536.93	536.85	539.46	0.83	ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	5.80	5.78	4.87	5.48	9.70	ppb
Selenium	77-2	5.38	4.89	5.41	5.22	5.62	ppb
Selenium	78-2	7.33	10.01	6.09	7.81	25.65	ppb
Silicon	28-1	-1.77	-1.91	-1.40	-1.69		ppb
Silver	107-1	1.05	1.02	1.06	1.04	1.94	ppb
Silver	109-1	0.99	1.02	1.02	1.01	1.67	ppb
Sodium	23-2	510.72	507.55	506.34	508.20	0.44	ppb
Strontium	86-1	1.00	0.99	1.02	1.00	1.59	ppb
Strontium	88-1	1.04	1.02	1.02	1.03	1.05	ppb
Sulfur	34-1	-5259.42	-5361.56	-5166.94	-5262.64		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.88	0.85	0.89	0.87	2.34	ppb
Thallium	205-1	0.90	0.89	0.90	0.90	0.44	ppb
Tin	118-1	0.00	0.06	0.02	0.03	96.98	ppb
Titanium	47-1	4.74	4.51	4.77	4.67	2.96	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:31:46	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.83	0.85	0.84	0.87	ppb
Vanadium	51-2	5.18	4.97	5.23	5.12	2.69	ppb
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	10.06	10.43	9.97	10.15	2.38	ppb
Zirconium	90-1	1.01	1.04	1.01	1.02	1.52	ppb
Zirconium	91-1	1.03	1.05	1.05	1.05	0.90	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:35:54	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33620.01	32861.30	32998.64	33159.98	1.22	ppb
Antimony	121-1	1.81	1.78	1.85	1.81	1.96	ppb
Arsenic	75-2	94.67	92.98	91.50	93.05	1.71	ppb
Barium	135-1	304.58	308.90	304.15	305.87	0.86	ppb
Barium	137-1	302.54	303.94	303.03	303.17	0.23	ppb
Beryllium	9-1	1.38	1.38	1.47	1.41	3.63	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.54	1.39	1.60	1.51	6.92	ppb
Cadmium	106-1	2.40	2.17	1.52	2.03	22.48	ppb
Cadmium	111-1	1.06	1.04	1.00	1.03	3.26	ppb
Calcium	43-1	14394.05	14039.74	13994.71	14142.83	1.55	ppb
Calcium	44-1	13532.93	13514.36	13632.88	13560.06	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.88	39.94	39.99	39.94	0.15	ppb
Cobalt	59-2	31.46	31.47	31.20	31.38	0.49	ppb
Copper	63-2	81.07	80.32	79.04	80.14	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				116		%
Holmium	165-2				109		%
Indium	115-1				115		%
Indium	115-2				109		%
Iron	56-2	78769.51	79766.39	78225.13	78920.34	0.99	ppb
Iron	57-2	79160.17	78466.07	77133.50	78253.25	1.32	ppb
Iron	54-2	79536.38	78548.22	78517.14	78867.25	0.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:35:54	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.87	60.97	60.73	60.85	0.20	ppb
Lead	207-1	62.71	63.16	63.07	62.98	0.38	ppb
Lead	208-1	61.48	61.32	61.39	61.40	0.13	ppb
Lithium	6-1				91		%
Magnesium	24-2	11976.29	12014.27	11897.49	11962.69	0.50	ppb
Manganese	55-2	1602.26	1607.77	1588.49	1599.51	0.62	ppb
Molybdenum	94-1	14.49	14.81	14.69	14.66	1.09	ppb
Molybdenum	95-1	1.04	1.01	1.02	1.02	1.36	ppb
Molybdenum	96-1	2.80	2.81	2.82	2.81	0.25	ppb
Molybdenum	97-1	0.96	0.95	0.99	0.97	2.33	ppb
Molybdenum	98-1	0.98	1.01	1.00	1.00	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.01	33.72	34.02	33.92	0.49	ppb
Phosphorus	31-2	2105.86	2105.29	2073.52	2094.89	0.88	ppb
Potassium	39-2	7654.40	7797.41	7772.39	7741.40	0.99	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				119		%
Scandium	45-2				117		%
Selenium	82-1	0.83	1.28	1.08	1.06	20.94	ppb
Selenium	77-2	14.04	12.34	12.73	13.04	6.84	ppb
Selenium	78-2	3.13	2.65	1.38	2.39	37.86	ppb
Silicon	28-1	786.72	788.69	773.48	782.96	1.06	ppb
Silver	107-1	0.34	0.36	0.35	0.35	2.41	ppb
Silver	109-1	0.35	0.36	0.34	0.35	3.30	ppb
Sodium	23-2	176.72	173.56	170.14	173.48	1.90	ppb
Strontium	86-1	73.36	75.21	75.86	74.81	1.74	ppb
Strontium	88-1	76.94	77.29	77.18	77.14	0.23	ppb
Sulfur	34-1	-4580.70	-4871.12	-4964.37	-4805.40		ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.25	0.24	0.23	0.24	5.47	ppb
Thallium	205-1	0.24	0.24	0.25	0.25	1.92	ppb
Tin	118-1	1.42	1.43	1.44	1.43	0.83	ppb
Titanium	47-1	1187.51	1170.50	1160.35	1172.79	1.17	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:35:54	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.88	0.87	0.88	1.62	ppb
Vanadium	51-2	136.28	134.20	133.87	134.78	0.97	ppb
Yttrium	89-1				124		%
Yttrium	89-2				118		%
Zinc	66-2	294.01	296.69	297.76	296.15	0.65	ppb
Zirconium	90-1	8.30	8.54	8.49	8.44	1.46	ppb
Zirconium	91-1	8.37	8.42	8.44	8.41	0.42	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-02	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6D	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:39:08	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35275.65	34319.51	34418.65	34671.27	1.52	ppb
Antimony	121-1	1.86	1.90	1.92	1.89	1.73	ppb
Arsenic	75-2	99.31	96.81	94.73	96.95	2.36	ppb
Barium	135-1	320.45	327.49	329.50	325.81	1.46	ppb
Barium	137-1	315.31	319.97	323.94	319.74	1.35	ppb
Beryllium	9-1	1.53	1.49	1.52	1.51	1.36	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.37	1.38	1.34	4.50	ppb
Cadmium	106-1	1.57	1.00	2.60	1.72	47.00	ppb
Cadmium	111-1	1.05	0.99	1.11	1.05	5.93	ppb
Calcium	43-1	14312.11	14855.85	14499.55	14555.84	1.90	ppb
Calcium	44-1	13762.01	14219.07	14199.47	14060.18	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.28	41.66	41.99	41.97	0.73	ppb
Cobalt	59-2	32.84	32.70	33.04	32.86	0.52	ppb
Copper	63-2	84.22	82.82	83.77	83.60	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				116		%
Holmium	165-2				110		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	56-2	82033.56	80367.24	81809.22	81403.34	1.11	ppb
Iron	57-2	82362.43	80724.89	81472.32	81519.88	1.01	ppb
Iron	54-2	82202.92	82493.78	82966.92	82554.54	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-02	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6D	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:39:08	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	63.69	63.72	63.42	63.61	0.26	ppb
Lead	207-1	65.04	65.43	65.32	65.26	0.31	ppb
Lead	208-1	63.75	63.99	63.41	63.72	0.46	ppb
Lithium	6-1				92		%
Magnesium	24-2	12537.41	12663.84	12473.73	12558.33	0.77	ppb
Manganese	55-2	1688.86	1664.35	1658.24	1670.48	0.97	ppb
Molybdenum	94-1	15.18	15.68	15.39	15.42	1.62	ppb
Molybdenum	95-1	1.03	1.04	1.07	1.05	2.15	ppb
Molybdenum	96-1	2.93	2.96	2.87	2.92	1.70	ppb
Molybdenum	97-1	1.03	1.05	1.11	1.06	3.86	ppb
Molybdenum	98-1	1.03	1.05	1.04	1.04	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.42	35.34	34.73	35.17	1.08	ppb
Phosphorus	31-2	2227.30	2141.39	2150.47	2173.05	2.17	ppb
Potassium	39-2	8026.84	8039.17	7983.36	8016.46	0.37	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				120		%
Scandium	45-2				118		%
Selenium	82-1	1.93	1.48	0.58	1.33	51.43	ppb
Selenium	77-2	13.59	17.26	18.65	16.50	15.85	ppb
Selenium	78-2	3.29	6.30	2.29	3.96	52.60	ppb
Silicon	28-1	797.07	819.63	798.56	805.09	1.57	ppb
Silver	107-1	0.34	0.36	0.35	0.35	3.46	ppb
Silver	109-1	0.35	0.35	0.35	0.35	1.15	ppb
Sodium	23-2	186.45	187.95	191.46	188.62	1.36	ppb
Strontium	86-1	77.77	79.76	76.77	78.10	1.95	ppb
Strontium	88-1	78.58	79.62	80.78	79.66	1.38	ppb
Sulfur	34-1	-4940.00	-4916.74	-5038.44	-4965.06		ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.26	0.24	0.23	0.24	5.13	ppb
Thallium	205-1	0.24	0.23	0.24	0.24	2.96	ppb
Tin	118-1	1.47	1.51	1.53	1.50	2.21	ppb
Titanium	47-1	1170.13	1196.56	1195.23	1187.30	1.25	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-02	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6D	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:39:08	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.90	0.91	0.91	1.28	ppb
Vanadium	51-2	141.49	140.57	140.29	140.78	0.44	ppb
Yttrium	89-1				124		%
Yttrium	89-2				119		%
Zinc	66-2	303.53	304.86	306.90	305.10	0.56	ppb
Zirconium	90-1	8.95	8.86	8.71	8.84	1.38	ppb
Zirconium	91-1	8.72	8.71	8.62	8.68	0.66	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6L	Dilution Factor :	5
Date & Time Acquired :	2024-10-27 20:42:19	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7243.67	6969.05	6599.04	6937.26	4.66	ppb
Antimony	121-1	0.33	0.35	0.34	0.34	3.91	ppb
Arsenic	75-2	20.14	19.73	18.54	19.47	4.27	ppb
Barium	135-1	56.40	58.05	57.02	57.15	1.46	ppb
Barium	137-1	56.28	57.78	56.55	56.87	1.40	ppb
Beryllium	9-1	0.30	0.22	0.27	0.27	16.57	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.28	0.17	0.22	0.22	25.12	ppb
Cadmium	106-1	-0.21	-0.59	-1.29	-0.70		ppb
Cadmium	111-1	0.19	0.11	0.09	0.13	39.72	ppb
Calcium	43-1	2734.08	2765.96	2786.00	2762.01	0.95	ppb
Calcium	44-1	2778.61	2815.93	2855.46	2816.67	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.74	7.98	7.72	8.15	6.54	ppb
Cobalt	59-2	6.87	6.39	6.17	6.47	5.49	ppb
Copper	63-2	17.79	16.49	15.65	16.64	6.49	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				114		%
Holmium	165-2				104		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	56-2	17057.59	16173.66	15223.23	16151.49	5.68	ppb
Iron	57-2	17560.99	16604.77	15832.55	16666.11	5.20	ppb
Iron	54-2	17287.93	16161.34	15412.14	16287.14	5.80	ppb
Krypton	83-1						cps

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On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6L	Dilution Factor :	5
Date & Time Acquired :	2024-10-27 20:42:19	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.32	11.69	11.59	11.53	1.63	ppb
Lead	207-1	11.82	11.89	12.17	11.96	1.53	ppb
Lead	208-1	11.48	11.62	11.75	11.62	1.15	ppb
Lithium	6-1				90		%
Magnesium	24-2	2640.32	2516.97	2392.89	2516.73	4.92	ppb
Manganese	55-2	347.24	334.16	314.75	332.05	4.92	ppb
Molybdenum	94-1	2.84	2.85	2.74	2.81	2.23	ppb
Molybdenum	95-1	0.20	0.21	0.20	0.21	1.87	ppb
Molybdenum	96-1	0.54	0.55	0.55	0.55	1.25	ppb
Molybdenum	97-1	0.21	0.24	0.19	0.22	13.05	ppb
Molybdenum	98-1	0.18	0.19	0.21	0.19	7.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.35	7.07	6.48	6.97	6.38	ppb
Phosphorus	31-2	453.30	421.88	401.87	425.69	6.09	ppb
Potassium	39-2	1770.27	1673.23	1581.04	1674.85	5.65	ppb
Rhodium	103-1				113		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	0.09	0.25	0.41	0.25	64.38	ppb
Selenium	77-2	2.75	1.99	1.91	2.22	20.77	ppb
Selenium	78-2	1.22	0.45	1.28	0.98	46.67	ppb
Silicon	28-1	149.65	157.88	153.88	153.80	2.68	ppb
Silver	107-1	0.07	0.05	0.06	0.06	15.38	ppb
Silver	109-1	0.07	0.07	0.06	0.07	10.40	ppb
Sodium	23-2	50.14	40.04	32.95	41.04	21.04	ppb
Strontium	86-1	14.34	14.77	14.98	14.69	2.21	ppb
Strontium	88-1	14.60	14.92	14.80	14.77	1.10	ppb
Sulfur	34-1	-5654.79	-5589.36	-5599.34	-5614.50		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.04	0.04	0.04	5.60	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	11.67	ppb
Tin	118-1	0.30	0.33	0.31	0.31	5.11	ppb
Titanium	47-1	222.97	230.35	228.35	227.22	1.68	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6L	Dilution Factor :	5
Date & Time Acquired :	2024-10-27 20:42:19	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.16	0.17	1.48	ppb
Vanadium	51-2	28.85	27.54	26.30	27.56	4.62	ppb
Yttrium	89-1				116		%
Yttrium	89-2				106		%
Zinc	66-2	65.93	63.87	60.08	63.29	4.69	ppb
Zirconium	90-1	1.66	1.64	1.62	1.64	1.39	ppb
Zirconium	91-1	1.51	1.62	1.72	1.62	6.37	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-03	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6S	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:45:38	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35294.94	35245.77	35904.11	35481.61	1.03	ppb
Antimony	121-1	71.71	74.08	73.62	73.14	1.72	ppb
Arsenic	75-2	123.91	121.50	121.31	122.24	1.19	ppb
Barium	135-1	1900.80	1974.16	1941.39	1938.78	1.90	ppb
Barium	137-1	1852.73	1916.53	1934.12	1901.12	2.25	ppb
Beryllium	9-1	44.95	45.59	44.83	45.13	0.90	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.86	36.03	35.08	34.99	3.12	ppb
Cadmium	106-1	34.55	35.43	36.12	35.37	2.22	ppb
Cadmium	111-1	37.47	37.94	38.01	37.81	0.78	ppb
Calcium	43-1	13931.93	14043.92	14215.27	14063.71	1.01	ppb
Calcium	44-1	13725.92	13581.49	13819.22	13708.88	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	198.51	199.32	198.98	198.94	0.20	ppb
Cobalt	59-2	413.85	424.67	417.78	418.77	1.31	ppb
Copper	63-2	262.09	263.18	263.52	262.93	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				116		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				109		%
Iron	56-2	80844.77	81798.60	81461.84	81368.40	0.59	ppb
Iron	57-2	78862.42	79908.07	80240.67	79670.39	0.90	ppb
Iron	54-2	81321.23	81659.29	81371.40	81450.64	0.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-03	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6S	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:45:38	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	72.76	75.95	74.29	74.33	2.15	ppb
Lead	207-1	74.48	76.59	75.00	75.36	1.46	ppb
Lead	208-1	73.12	75.65	73.98	74.25	1.73	ppb
Lithium	6-1				93		%
Magnesium	24-2	12254.25	12178.23	12237.52	12223.33	0.33	ppb
Manganese	55-2	2011.97	2026.55	2010.96	2016.49	0.43	ppb
Molybdenum	94-1	14.59	14.82	15.26	14.89	2.31	ppb
Molybdenum	95-1	1.00	1.04	1.05	1.03	2.83	ppb
Molybdenum	96-1	2.70	2.86	2.94	2.83	4.26	ppb
Molybdenum	97-1	1.04	1.06	1.11	1.07	3.09	ppb
Molybdenum	98-1	1.02	1.01	1.03	1.02	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	420.19	427.34	423.46	423.66	0.85	ppb
Phosphorus	31-2	2113.11	2183.29	2117.10	2137.84	1.84	ppb
Potassium	39-2	7780.54	7810.85	7752.58	7781.32	0.37	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				120		%
Scandium	45-2				116		%
Selenium	82-1	69.11	71.10	72.08	70.76	2.14	ppb
Selenium	77-2	80.71	81.33	79.38	80.47	1.24	ppb
Selenium	78-2	79.31	71.71	71.44	74.15	6.02	ppb
Silicon	28-1	793.40	783.48	766.52	781.13	1.74	ppb
Silver	107-1	27.15	27.74	28.24	27.71	1.98	ppb
Silver	109-1	26.80	27.57	28.60	27.65	3.26	ppb
Sodium	23-2	163.57	167.03	167.54	166.05	1.30	ppb
Strontium	86-1	75.10	76.19	76.89	76.06	1.18	ppb
Strontium	88-1	76.19	78.46	78.11	77.59	1.57	ppb
Sulfur	34-1	-5238.62	-5185.08	-5168.66	-5197.45		ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	31.14	31.92	31.14	31.40	1.44	ppb
Thallium	205-1	30.70	31.76	31.19	31.22	1.71	ppb
Tin	118-1	1.48	1.54	1.56	1.53	2.73	ppb
Titanium	47-1	1181.85	1173.54	1189.15	1181.51	0.66	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-03	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6S	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:45:38	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.88	0.88	0.88	1.18	ppb
Vanadium	51-2	518.96	522.17	522.35	521.16	0.37	ppb
Yttrium	89-1				124		%
Yttrium	89-2				117		%
Zinc	66-2	672.86	681.57	676.99	677.14	0.64	ppb
Zirconium	90-1	8.47	8.52	8.75	8.58	1.73	ppb
Zirconium	91-1	8.42	8.29	8.48	8.40	1.15	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01MS	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:48:44	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38318.58	38832.61	39253.46	38801.55	1.21	ppb
Antimony	121-1	279.62	293.48	295.81	289.64	3.02	ppb
Arsenic	75-2	202.80	195.19	202.65	200.21	2.17	ppb
Barium	135-1	5899.77	6092.86	6258.87	6083.83	2.95	ppb
Barium	137-1	6003.58	6083.64	6165.48	6084.23	1.33	ppb
Beryllium	9-1	155.08	159.60	160.48	158.39	1.83	ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	131.43	137.97	134.18	134.52	2.44	ppb
Cadmium	106-1	128.20	130.44	136.91	131.85	3.43	ppb
Cadmium	111-1	142.73	145.17	147.31	145.07	1.58	ppb
Calcium	43-1	13674.88	14000.00	14136.96	13937.28	1.70	ppb
Calcium	44-1	13271.83	13439.85	13606.85	13439.51	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	597.11	612.99	601.62	603.91	1.36	ppb
Cobalt	59-2	1427.47	1435.86	1431.97	1431.77	0.29	ppb
Copper	63-2	745.21	759.93	754.40	753.18	0.99	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				117		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	82507.38	81941.95	83831.23	82760.18	1.17	ppb
Iron	57-2	82394.76	81640.11	82493.47	82176.11	0.57	ppb
Iron	54-2	83428.13	82979.82	83935.40	83447.78	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01MS	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:48:44	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	109.20	111.12	110.06	110.13	0.87	ppb
Lead	207-1	109.72	110.83	110.96	110.50	0.61	ppb
Lead	208-1	108.53	109.90	110.10	109.51	0.78	ppb
Lithium	6-1				94		%
Magnesium	24-2	12013.23	12183.68	12290.25	12162.39	1.15	ppb
Manganese	55-2	2934.56	2966.48	3023.88	2974.97	1.52	ppb
Molybdenum	94-1	14.80	14.89	14.78	14.82	0.38	ppb
Molybdenum	95-1	1.02	1.05	1.03	1.03	1.25	ppb
Molybdenum	96-1	2.80	2.88	2.82	2.83	1.52	ppb
Molybdenum	97-1	1.02	1.06	1.04	1.04	2.00	ppb
Molybdenum	98-1	0.99	1.04	1.05	1.03	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1498.41	1486.90	1480.10	1488.47	0.62	ppb
Phosphorus	31-2	2145.21	2069.32	2101.31	2105.28	1.81	ppb
Potassium	39-2	7739.62	7737.30	7725.25	7734.06	0.10	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				119		%
Scandium	45-2				114		%
Selenium	82-1	299.15	305.41	300.99	301.85	1.07	ppb
Selenium	77-2	287.62	307.70	310.06	301.79	4.09	ppb
Selenium	78-2	289.19	298.12	314.66	300.66	4.30	ppb
Silicon	28-1	775.21	804.60	797.24	792.35	1.93	ppb
Silver	107-1	65.62	71.98	62.78	66.79	7.06	ppb
Silver	109-1	64.65	70.89	61.15	65.56	7.53	ppb
Sodium	23-2	166.71	167.32	167.44	167.16	0.24	ppb
Strontium	86-1	72.53	75.40	74.49	74.14	1.98	ppb
Strontium	88-1	75.53	77.22	75.30	76.01	1.38	ppb
Sulfur	34-1	-5219.29	-5063.81	-5098.04	-5127.05		ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	121.48	122.86	121.84	122.06	0.59	ppb
Thallium	205-1	120.96	121.69	123.20	121.95	0.93	ppb
Tin	118-1	1.57	1.62	1.64	1.61	2.42	ppb
Titanium	47-1	1145.49	1155.70	1157.94	1153.04	0.58	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01MS	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:48:44	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.89	0.88	0.88	1.35	ppb
Vanadium	51-2	1521.61	1504.63	1520.03	1515.42	0.62	ppb
Yttrium	89-1				124		%
Yttrium	89-2				115		%
Zinc	66-2	1665.52	1668.59	1657.03	1663.71	0.36	ppb
Zirconium	90-1	8.35	8.49	8.55	8.46	1.22	ppb
Zirconium	91-1	8.39	8.42	8.56	8.46	1.11	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:01:42	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8735.93	8662.80	8508.06	8635.60	1.35	ppb
Antimony	121-1	0.44	0.47	0.48	0.46	4.52	ppb
Arsenic	75-2	24.21	23.97	23.80	23.99	0.86	ppb
Barium	135-1	77.56	77.45	78.71	77.91	0.90	ppb
Barium	137-1	74.31	76.84	76.18	75.77	1.73	ppb
Beryllium	9-1	0.38	0.34	0.36	0.36	6.41	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.34	0.17	0.32	0.27	33.77	ppb
Cadmium	106-1	-0.23	0.11	-0.44	-0.19		ppb
Cadmium	111-1	0.22	0.30	0.20	0.24	20.63	ppb
Calcium	43-1	3422.26	3630.95	3699.68	3584.30	4.03	ppb
Calcium	44-1	3387.18	3573.04	3466.56	3475.59	2.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.36	10.40	10.32	10.36	0.37	ppb
Cobalt	59-2	8.28	8.14	8.15	8.19	0.94	ppb
Copper	63-2	20.95	20.64	20.55	20.71	1.01	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				116		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				112		%
Iron	56-2	20394.34	20617.30	20443.33	20484.99	0.57	ppb
Iron	57-2	20403.83	20844.88	20300.74	20516.49	1.41	ppb
Iron	54-2	20522.19	20524.51	20467.89	20504.86	0.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:01:42	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	15.56	15.26	14.75	15.19	2.70	ppb
Lead	207-1	15.72	15.58	15.11	15.47	2.06	ppb
Lead	208-1	15.21	15.52	14.95	15.23	1.85	ppb
Lithium	6-1				93		%
Magnesium	24-2	3194.62	3197.04	3144.15	3178.60	0.94	ppb
Manganese	55-2	415.83	417.98	411.61	415.14	0.78	ppb
Molybdenum	94-1	3.75	3.99	3.77	3.84	3.42	ppb
Molybdenum	95-1	0.29	0.28	0.23	0.27	10.89	ppb
Molybdenum	96-1	0.72	0.73	0.67	0.71	5.03	ppb
Molybdenum	97-1	0.26	0.29	0.25	0.27	6.43	ppb
Molybdenum	98-1	0.25	0.28	0.23	0.25	9.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.43	9.02	8.71	8.72	3.37	ppb
Phosphorus	31-2	524.03	504.76	513.86	514.22	1.88	ppb
Potassium	39-2	2116.95	2106.56	2082.51	2102.01	0.84	ppb
Rhodium	103-1				111		%
Rhodium	103-2				112		%
Scandium	45-1				116		%
Scandium	45-2				113		%
Selenium	82-1	0.34	1.05	0.16	0.52	90.98	ppb
Selenium	77-2	4.40	4.37	4.96	4.57	7.25	ppb
Selenium	78-2	1.28	2.56	-0.86	0.99	173.78	ppb
Silicon	28-1	189.63	197.72	196.21	194.52	2.21	ppb
Silver	107-1	0.09	0.08	0.09	0.09	6.03	ppb
Silver	109-1	0.08	0.09	0.09	0.09	9.03	ppb
Sodium	23-2	38.31	37.15	35.40	36.96	3.96	ppb
Strontium	86-1	19.69	19.37	18.81	19.29	2.31	ppb
Strontium	88-1	19.18	20.16	19.18	19.51	2.89	ppb
Sulfur	34-1	-5103.44	-5175.28	-5378.26	-5218.99		ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.06	0.06	0.05	8.37	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	8.16	ppb
Tin	118-1	0.38	0.37	0.33	0.36	7.60	ppb
Titanium	47-1	287.21	292.70	295.41	291.78	1.43	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:01:42	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.22	0.20	0.21	4.75	ppb
Vanadium	51-2	34.64	34.84	34.86	34.78	0.35	ppb
Yttrium	89-1				118		%
Yttrium	89-2				114		%
Zinc	66-2	77.63	77.23	78.11	77.66	0.57	ppb
Zirconium	90-1	2.21	2.16	2.11	2.16	2.17	ppb
Zirconium	91-1	2.17	2.32	2.06	2.18	5.81	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:04:59	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9039.34	9152.32	8987.38	9059.68	0.93	ppb
Antimony	121-1	0.47	0.44	0.47	0.46	2.71	ppb
Arsenic	75-2	25.95	24.63	25.56	25.38	2.67	ppb
Barium	135-1	79.83	80.40	81.82	80.68	1.27	ppb
Barium	137-1	78.84	78.79	79.68	79.10	0.63	ppb
Beryllium	9-1	0.36	0.37	0.42	0.38	8.05	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.40	0.19	0.57	0.39	48.87	ppb
Cadmium	106-1	-0.12	0.99	0.18	0.35	163.85	ppb
Cadmium	111-1	0.19	0.31	0.21	0.24	27.60	ppb
Calcium	43-1	3882.52	3650.36	3705.82	3746.24	3.24	ppb
Calcium	44-1	3635.57	3548.75	3657.61	3613.98	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.90	10.89	10.89	10.89	0.06	ppb
Cobalt	59-2	8.40	8.58	8.54	8.51	1.12	ppb
Copper	63-2	22.00	22.04	21.83	21.96	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				117		%
Holmium	165-2				107		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	56-2	21231.89	21441.97	21356.66	21343.51	0.50	ppb
Iron	57-2	21029.13	21171.69	21144.80	21115.21	0.36	ppb
Iron	54-2	21522.09	22071.01	21444.79	21679.30	1.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:04:59	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.99	16.06	16.09	15.71	3.97	ppb
Lead	207-1	15.39	16.43	16.42	16.08	3.74	ppb
Lead	208-1	15.49	15.91	15.93	15.78	1.56	ppb
Lithium	6-1				91		%
Magnesium	24-2	3351.97	3323.70	3305.95	3327.21	0.70	ppb
Manganese	55-2	437.96	441.85	438.91	439.57	0.46	ppb
Molybdenum	94-1	3.96	4.04	4.01	4.00	1.10	ppb
Molybdenum	95-1	0.26	0.27	0.25	0.26	4.30	ppb
Molybdenum	96-1	0.78	0.81	0.76	0.78	3.09	ppb
Molybdenum	97-1	0.28	0.31	0.28	0.29	5.19	ppb
Molybdenum	98-1	0.27	0.27	0.29	0.28	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.45	9.37	9.29	9.37	0.86	ppb
Phosphorus	31-2	561.09	526.06	559.22	548.79	3.59	ppb
Potassium	39-2	2214.31	2192.48	2194.39	2200.39	0.55	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	0.39	0.80	1.00	0.73	42.74	ppb
Selenium	77-2	3.89	5.56	3.43	4.29	26.10	ppb
Selenium	78-2	2.31	-0.37	2.23	1.39	109.39	ppb
Silicon	28-1	210.91	208.33	210.14	209.79	0.63	ppb
Silver	107-1	0.09	0.08	0.09	0.09	6.62	ppb
Silver	109-1	0.08	0.08	0.08	0.08	2.76	ppb
Sodium	23-2	40.97	40.09	43.29	41.45	3.98	ppb
Strontium	86-1	19.80	20.99	20.73	20.51	3.05	ppb
Strontium	88-1	20.19	20.60	20.25	20.34	1.08	ppb
Sulfur	34-1	-5288.26	-5551.69	-5484.87	-5441.61		ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.07	0.08	0.07	10.68	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	5.24	ppb
Tin	118-1	0.34	0.33	0.39	0.35	7.96	ppb
Titanium	47-1	306.14	307.86	310.77	308.26	0.76	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:04:59	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.21	0.22	0.22	1.63	ppb
Vanadium	51-2	36.51	36.42	36.14	36.36	0.53	ppb
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	79.97	79.98	79.78	79.91	0.15	ppb
Zirconium	90-1	2.22	2.36	2.32	2.30	3.01	ppb
Zirconium	91-1	2.25	2.33	2.35	2.31	2.37	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 21:08:13	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1733.62	1752.60	1743.11	1743.11	0.54	ppb
Antimony	121-1	0.08	0.10	0.09	0.09	7.18	ppb
Arsenic	75-2	4.95	4.84	4.70	4.83	2.65	ppb
Barium	135-1	14.86	15.20	15.30	15.12	1.52	ppb
Barium	137-1	14.24	14.96	14.78	14.66	2.56	ppb
Beryllium	9-1	0.11	0.06	0.07	0.08	32.82	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	0.05	-0.03	-0.01		ppb
Cadmium	106-1	-0.52	-0.55	-0.38	-0.49		ppb
Cadmium	111-1	0.01	0.01	0.03	0.02	47.82	ppb
Calcium	43-1	707.93	741.21	753.88	734.34	3.23	ppb
Calcium	44-1	730.84	743.17	757.81	743.94	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	1.97	1.98	1.97	0.37	ppb
Cobalt	59-2	1.60	1.64	1.61	1.61	1.27	ppb
Copper	63-2	4.29	4.08	4.06	4.14	3.07	ppb
Dysprosium	156-1						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				108		%
Indium	115-1				113		%
Indium	115-2				108		%
Iron	56-2	4052.72	4034.54	4007.53	4031.60	0.56	ppb
Iron	57-2	4139.04	4135.99	4118.49	4131.18	0.27	ppb
Iron	54-2	4233.41	4245.74	4195.67	4224.94	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 21:08:13	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.91	2.99	2.96	2.95	1.31	ppb
Lead	207-1	3.05	3.06	3.18	3.09	2.36	ppb
Lead	208-1	2.99	2.96	3.06	3.00	1.76	ppb
Lithium	6-1				92		%
Magnesium	24-2	638.62	633.03	635.50	635.72	0.44	ppb
Manganese	55-2	83.38	82.53	83.17	83.03	0.53	ppb
Molybdenum	94-1	0.71	0.74	0.70	0.72	3.00	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	10.32	ppb
Molybdenum	96-1	0.12	0.16	0.12	0.13	16.98	ppb
Molybdenum	97-1	0.04	0.06	0.05	0.05	19.55	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	12.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.80	1.85	1.79	1.81	1.65	ppb
Phosphorus	31-2	93.39	88.52	91.31	91.07	2.69	ppb
Potassium	39-2	401.37	402.02	403.69	402.36	0.30	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	-0.33	-0.27	0.04	-0.19		ppb
Selenium	77-2	0.48	1.95	0.19	0.87	108.17	ppb
Selenium	78-2	0.55	0.08	0.95	0.53	82.13	ppb
Silicon	28-1	39.19	39.80	42.45	40.48	4.29	ppb
Silver	107-1	0.02	0.01	0.01	0.01	18.49	ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.98	ppb
Sodium	23-2	-1.77	-1.76	-1.93	-1.82		ppb
Strontium	86-1	3.96	4.06	3.80	3.94	3.25	ppb
Strontium	88-1	3.70	3.87	3.84	3.80	2.34	ppb
Sulfur	34-1	-5626.73	-5609.72	-5442.84	-5559.76		ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.02	0.02	10.16	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	18.64	ppb
Tin	118-1	0.06	0.04	0.07	0.06	28.78	ppb
Titanium	47-1	59.33	58.83	60.63	59.60	1.56	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 21:08:13	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	6.13	ppb
Vanadium	51-2	6.74	6.77	6.85	6.79	0.90	ppb
Yttrium	89-1				116		%
Yttrium	89-2				108		%
Zinc	66-2	17.11	16.99	16.82	16.97	0.87	ppb
Zirconium	90-1	0.41	0.42	0.43	0.42	2.65	ppb
Zirconium	91-1	0.40	0.42	0.43	0.42	3.44	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:11:33	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9213.07	9376.61	9411.08	9333.59	1.13	ppb
Antimony	121-1	17.69	18.50	19.20	18.46	4.11	ppb
Arsenic	75-2	32.01	31.78	31.42	31.73	0.93	ppb
Barium	135-1	444.95	466.79	469.11	460.28	2.90	ppb
Barium	137-1	445.83	456.70	462.94	455.16	1.90	ppb
Beryllium	9-1	11.24	11.01	10.83	11.03	1.88	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.37	9.09	9.08	8.85	4.66	ppb
Cadmium	106-1	8.58	8.99	8.16	8.57	4.83	ppb
Cadmium	111-1	9.20	9.86	10.26	9.77	5.45	ppb
Calcium	43-1	3647.55	3632.90	3863.12	3714.52	3.47	ppb
Calcium	44-1	3475.34	3584.25	3660.69	3573.43	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.63	51.64	51.06	51.44	0.65	ppb
Cobalt	59-2	109.05	109.92	108.75	109.24	0.56	ppb
Copper	63-2	69.63	69.77	68.89	69.43	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				115		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	21090.77	21086.38	21101.90	21093.02	0.04	ppb
Iron	57-2	20794.33	21302.10	21259.07	21118.50	1.33	ppb
Iron	54-2	21371.65	21624.49	21544.09	21513.41	0.60	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:11:33	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.34	19.20	19.33	18.96	2.83	ppb
Lead	207-1	19.39	19.11	19.43	19.31	0.91	ppb
Lead	208-1	18.69	18.79	19.32	18.93	1.78	ppb
Lithium	6-1				93		%
Magnesium	24-2	3268.44	3313.06	3288.66	3290.05	0.68	ppb
Manganese	55-2	526.93	529.07	526.05	527.35	0.29	ppb
Molybdenum	94-1	3.85	3.83	3.87	3.85	0.59	ppb
Molybdenum	95-1	0.27	0.26	0.27	0.27	1.85	ppb
Molybdenum	96-1	0.80	0.75	0.81	0.78	3.85	ppb
Molybdenum	97-1	0.27	0.29	0.26	0.27	6.20	ppb
Molybdenum	98-1	0.27	0.28	0.28	0.28	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.01	110.90	110.76	111.22	0.62	ppb
Phosphorus	31-2	564.59	542.50	541.42	549.50	2.38	ppb
Potassium	39-2	2155.25	2168.41	2154.27	2159.31	0.37	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	19.68	18.13	18.74	18.85	4.15	ppb
Selenium	77-2	25.94	23.46	23.43	24.28	5.93	ppb
Selenium	78-2	18.95	21.84	19.03	19.94	8.27	ppb
Silicon	28-1	206.69	201.38	207.34	205.13	1.59	ppb
Silver	107-1	6.73	7.09	7.68	7.17	6.64	ppb
Silver	109-1	6.74	6.97	7.18	6.96	3.13	ppb
Sodium	23-2	31.63	34.13	31.39	32.38	4.70	ppb
Strontium	86-1	20.78	19.81	19.86	20.15	2.72	ppb
Strontium	88-1	20.11	19.58	20.04	19.91	1.44	ppb
Sulfur	34-1	-5408.09	-5539.89	-5298.25	-5415.41		ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	8.04	7.96	7.88	7.96	1.01	ppb
Thallium	205-1	7.80	7.77	8.23	7.93	3.26	ppb
Tin	118-1	0.38	0.35	0.40	0.37	6.98	ppb
Titanium	47-1	307.12	301.75	308.78	305.88	1.20	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:11:33	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.24	0.22	0.23	4.29	ppb
Vanadium	51-2	136.13	136.41	136.36	136.30	0.11	ppb
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	180.68	178.98	180.11	179.92	0.48	ppb
Zirconium	90-1	2.26	2.23	2.21	2.23	0.98	ppb
Zirconium	91-1	2.26	2.32	2.19	2.26	2.77	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:14:47	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10197.38	10176.42	10121.07	10164.96	0.39	ppb
Antimony	121-1	69.66	70.29	69.69	69.88	0.51	ppb
Arsenic	75-2	53.04	53.07	51.63	52.58	1.56	ppb
Barium	135-1	1520.33	1539.34	1520.35	1526.67	0.72	ppb
Barium	137-1	1516.38	1523.71	1503.00	1514.36	0.69	ppb
Beryllium	9-1	40.27	39.45	38.90	39.54	1.75	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.36	35.21	33.40	34.32	2.64	ppb
Cadmium	106-1	32.64	33.35	31.18	32.39	3.42	ppb
Cadmium	111-1	36.43	36.68	36.59	36.57	0.35	ppb
Calcium	43-1	3664.81	3580.13	3626.49	3623.81	1.17	ppb
Calcium	44-1	3495.63	3439.75	3476.92	3470.77	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	158.25	161.55	157.71	159.17	1.31	ppb
Cobalt	59-2	387.58	378.11	384.77	383.49	1.27	ppb
Copper	63-2	192.77	196.72	191.76	193.75	1.35	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				115		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				111		%
Iron	56-2	22055.09	21477.57	21472.13	21668.26	1.55	ppb
Iron	57-2	21929.07	21304.47	21241.31	21491.62	1.77	ppb
Iron	54-2	21629.11	22011.45	21574.82	21738.46	1.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:14:47	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.63	28.59	28.86	28.36	2.27	ppb
Lead	207-1	27.67	28.59	29.42	28.56	3.07	ppb
Lead	208-1	27.59	28.20	28.61	28.13	1.84	ppb
Lithium	6-1				94		%
Magnesium	24-2	3236.07	3296.02	3234.83	3255.64	1.07	ppb
Manganese	55-2	785.77	785.90	779.46	783.71	0.47	ppb
Molybdenum	94-1	3.75	3.78	4.16	3.89	5.89	ppb
Molybdenum	95-1	0.26	0.25	0.28	0.27	6.13	ppb
Molybdenum	96-1	0.75	0.78	0.81	0.78	3.77	ppb
Molybdenum	97-1	0.26	0.29	0.29	0.28	7.59	ppb
Molybdenum	98-1	0.25	0.28	0.26	0.26	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	384.53	376.05	382.32	380.96	1.15	ppb
Phosphorus	31-2	553.70	523.66	560.01	545.79	3.56	ppb
Potassium	39-2	2133.87	2157.17	2127.01	2139.35	0.74	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	82-1	77.28	79.87	80.35	79.17	2.08	ppb
Selenium	77-2	82.48	87.09	74.19	81.25	8.04	ppb
Selenium	78-2	79.45	79.54	78.80	79.26	0.51	ppb
Silicon	28-1	208.00	202.20	202.26	204.15	1.63	ppb
Silver	107-1	18.09	19.00	18.04	18.38	2.94	ppb
Silver	109-1	18.55	18.75	18.35	18.55	1.07	ppb
Sodium	23-2	34.19	32.30	32.56	33.01	3.10	ppb
Strontium	86-1	19.57	20.09	19.79	19.82	1.32	ppb
Strontium	88-1	19.45	19.65	19.79	19.63	0.87	ppb
Sulfur	34-1	-5401.63	-5559.80	-5520.34	-5493.92		ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	30.61	31.46	31.80	31.29	1.96	ppb
Thallium	205-1	30.95	31.16	32.15	31.42	2.04	ppb
Tin	118-1	0.35	0.41	0.39	0.38	9.07	ppb
Titanium	47-1	299.96	296.72	298.83	298.51	0.55	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:14:47	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.24	0.22	7.87	ppb
Vanadium	51-2	406.12	397.88	404.56	402.85	1.09	ppb
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	442.59	438.03	435.94	438.86	0.78	ppb
Zirconium	90-1	2.21	2.23	2.22	2.22	0.53	ppb
Zirconium	91-1	2.19	2.22	2.19	2.20	0.88	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-04	Instrumnet Name :	P7
Client Sample ID :	MYDAR4	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:18:00	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42332.51	41859.12	42363.90	42185.18	0.67	ppb
Antimony	121-1	1.14	1.09	1.15	1.12	2.75	ppb
Arsenic	75-2	54.28	54.21	55.63	54.71	1.47	ppb
Barium	135-1	353.02	356.68	351.29	353.67	0.78	ppb
Barium	137-1	348.37	350.73	346.95	348.68	0.55	ppb
Beryllium	9-1	1.82	1.77	1.65	1.75	5.12	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.68	1.14	1.10	0.98	25.99	ppb
Cadmium	106-1	2.15	1.66	1.06	1.62	33.56	ppb
Cadmium	111-1	0.62	0.61	0.53	0.59	7.80	ppb
Calcium	43-1	15312.59	15656.68	15697.23	15555.50	1.36	ppb
Calcium	44-1	14766.08	15243.22	15001.20	15003.50	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.87	49.98	49.98	49.94	0.12	ppb
Cobalt	59-2	34.30	34.05	34.46	34.27	0.61	ppb
Copper	63-2	83.60	82.26	83.65	83.17	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				110		%
Iron	56-2	100248.55	98685.43	99915.68	99616.55	0.83	ppb
Iron	57-2	99120.95	97636.12	98395.85	98384.31	0.75	ppb
Iron	54-2	100075.09	99408.03	101177.96	100220.36	0.89	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-04	Instrumnet Name :	P7
Client Sample ID :	MYDAR4	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:18:00	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.47	28.79	28.53	28.60	0.59	ppb
Lead	207-1	27.03	27.36	27.52	27.30	0.92	ppb
Lead	208-1	27.46	27.75	27.56	27.59	0.54	ppb
Lithium	6-1				95		%
Magnesium	24-2	14620.43	14437.79	14412.79	14490.34	0.78	ppb
Manganese	55-2	1453.07	1431.37	1442.46	1442.30	0.75	ppb
Molybdenum	94-1	12.21	12.49	12.69	12.46	1.92	ppb
Molybdenum	95-1	0.81	0.83	0.85	0.83	2.80	ppb
Molybdenum	96-1	2.47	2.43	2.51	2.47	1.60	ppb
Molybdenum	97-1	0.86	0.77	0.84	0.82	5.95	ppb
Molybdenum	98-1	0.78	0.78	0.82	0.79	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.98	39.51	40.61	40.04	1.38	ppb
Phosphorus	31-2	2281.95	2214.96	2223.66	2240.19	1.63	ppb
Potassium	39-2	6151.94	5975.95	6047.74	6058.54	1.46	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				119		%
Scandium	45-2				116		%
Selenium	82-1	-0.13	0.31	1.56	0.58	151.90	ppb
Selenium	77-2	10.67	18.43	15.16	14.75	26.43	ppb
Selenium	78-2	3.17	3.16	3.99	3.44	13.85	ppb
Silicon	28-1	863.34	890.02	892.35	881.90	1.83	ppb
Silver	107-1	0.17	0.18	0.16	0.17	4.67	ppb
Silver	109-1	0.16	0.17	0.15	0.16	7.12	ppb
Sodium	23-2	191.40	188.98	194.99	191.79	1.57	ppb
Strontium	86-1	79.11	78.65	81.75	79.83	2.09	ppb
Strontium	88-1	79.72	82.47	82.96	81.72	2.14	ppb
Sulfur	34-1	-5593.99	-5464.22	-5499.84	-5519.35		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.24	0.23	0.24	0.24	0.96	ppb
Thallium	205-1	0.24	0.24	0.23	0.24	1.90	ppb
Tin	118-1	1.16	1.19	1.09	1.15	4.74	ppb
Titanium	47-1	1067.53	1166.50	1127.76	1120.60	4.45	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-04	Instrumnet Name :	P7
Client Sample ID :	MYDAR4	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:18:00	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.95	0.91	0.93	2.41	ppb
Vanadium	51-2	193.80	190.26	192.68	192.24	0.94	ppb
Yttrium	89-1				124		%
Yttrium	89-2				118		%
Zinc	66-2	178.91	178.97	177.91	178.60	0.33	ppb
Zirconium	90-1	7.01	7.08	7.23	7.10	1.55	ppb
Zirconium	91-1	6.99	7.02	7.17	7.06	1.37	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:21:09	DataFile Name :	101CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47829.63	47235.68	47342.04	47469.12	0.67	ppb
Antimony	121-1	480.76	483.25	504.35	489.45	2.65	ppb
Arsenic	75-2	484.42	484.26	482.18	483.62	0.26	ppb
Barium	135-1	2422.37	2454.34	2521.54	2466.08	2.05	ppb
Barium	137-1	2414.08	2419.03	2496.45	2443.19	1.89	ppb
Beryllium	9-1	530.44	524.77	529.64	528.28	0.58	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	506.33	500.79	506.57	504.56	0.65	ppb
Cadmium	106-1	503.34	499.44	505.38	502.72	0.60	ppb
Cadmium	111-1	494.08	491.52	509.70	498.43	1.97	ppb
Calcium	43-1	243264.70	246634.91	248871.37	246257.00	1.15	ppb
Calcium	44-1	242405.04	246928.35	246862.27	245398.55	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.31	471.45	481.46	478.07	1.20	ppb
Cobalt	59-2	489.91	489.12	490.41	489.81	0.13	ppb
Copper	63-2	4898.10	4813.73	4787.64	4833.16	1.19	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				115		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	122659.71	120482.95	120740.83	121294.49	0.98	ppb
Iron	57-2	121994.31	121862.88	121470.09	121775.76	0.22	ppb
Iron	54-2	123369.80	121093.78	122033.23	122165.60	0.94	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:21:09	DataFile Name :	101CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2392.26	2387.05	2471.18	2416.83	1.95	ppb
Lead	207-1	2352.65	2364.29	2460.26	2392.40	2.47	ppb
Lead	208-1	2367.08	2383.84	2463.21	2404.71	2.14	ppb
Lithium	6-1				93		%
Magnesium	24-2	239255.99	237627.98	239760.03	238881.33	0.47	ppb
Manganese	55-2	4763.03	4668.36	4722.52	4717.97	1.01	ppb
Molybdenum	94-1	4889.58	4714.65	4875.89	4826.70	2.02	ppb
Molybdenum	95-1	4945.13	4694.02	4844.99	4828.05	2.62	ppb
Molybdenum	96-1	4950.35	4750.54	4812.41	4837.77	2.11	ppb
Molybdenum	97-1	4870.87	4731.29	4815.69	4805.95	1.46	ppb
Molybdenum	98-1	4927.47	4713.03	4825.28	4821.93	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.27	480.84	480.79	482.63	0.65	ppb
Phosphorus	31-2	9718.16	9490.52	9657.90	9622.19	1.23	ppb
Potassium	39-2	120631.06	120615.10	120345.40	120530.52	0.13	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	505.66	489.29	496.26	497.07	1.65	ppb
Selenium	77-2	512.44	522.85	481.92	505.74	4.21	ppb
Selenium	78-2	504.46	501.17	512.78	506.14	1.18	ppb
Silicon	28-1	1017.53	1047.73	1075.02	1046.76	2.75	ppb
Silver	107-1	516.00	501.12	513.14	510.09	1.55	ppb
Silver	109-1	492.45	502.91	519.38	504.92	2.69	ppb
Sodium	23-2	237777.21	240283.82	237060.87	238373.97	0.71	ppb
Strontium	86-1	12070.78	11783.23	12075.33	11976.45	1.40	ppb
Strontium	88-1	12159.13	11606.31	11975.08	11913.51	2.36	ppb
Sulfur	34-1	7366.29	7579.97	7679.23	7541.83	2.12	ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	480.90	487.85	497.93	488.90	1.75	ppb
Thallium	205-1	475.95	480.76	500.30	485.67	2.66	ppb
Tin	118-1	488.29	480.47	508.81	492.52	2.97	ppb
Titanium	47-1	4733.66	4870.20	4924.75	4842.87	2.03	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:21:09	DataFile Name :	101CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	479.06	480.26	490.67	483.33	1.32	ppb
Vanadium	51-2	485.23	478.03	481.37	481.54	0.75	ppb
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	4943.21	4866.74	4904.57	4904.84	0.78	ppb
Zirconium	90-1	499.36	485.58	494.24	493.06	1.41	ppb
Zirconium	91-1	493.12	473.71	483.94	483.59	2.01	ppb

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:24:27	DataFile Name :	102CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.58	2.29	2.24	2.04	19.55	ppb
Antimony	121-1	0.29	0.30	0.32	0.30	5.50	ppb
Arsenic	75-2	0.02	0.00	0.00	0.01	120.54	ppb
Barium	135-1	0.12	0.07	0.06	0.08	37.15	ppb
Barium	137-1	0.10	0.10	0.06	0.09	22.44	ppb
Beryllium	9-1	0.06	0.07	0.03	0.05	37.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	-0.03	0.03	-0.01		ppb
Cadmium	106-1	-0.24	-1.03	-1.40	-0.89		ppb
Cadmium	111-1	0.02	-0.04	-0.08	-0.03		ppb
Calcium	43-1	15.26	15.74	13.19	14.73	9.19	ppb
Calcium	44-1	16.49	13.72	12.98	14.40	12.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.01	-0.02	0.01	266.27	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	35.02	ppb
Copper	63-2	0.12	0.07	0.08	0.09	30.58	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				108		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	4.05	3.59	3.48	3.71	8.17	ppb
Iron	57-2	-0.12	-0.10	-3.93	-1.38		ppb
Iron	54-2	4.07	3.42	3.46	3.65	10.04	ppb
Krypton	83-1						cps

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On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:24:27	DataFile Name :	102CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.17	0.13	0.12	0.14	17.09	ppb
Lead	207-1	0.18	0.16	0.15	0.16	11.19	ppb
Lead	208-1	0.16	0.14	0.13	0.15	10.41	ppb
Lithium	6-1				86		%
Magnesium	24-2	6.54	5.45	5.16	5.72	12.77	ppb
Manganese	55-2	0.14	0.09	0.09	0.11	29.42	ppb
Molybdenum	94-1	0.59	0.54	0.45	0.53	13.76	ppb
Molybdenum	95-1	0.26	0.20	0.21	0.22	13.63	ppb
Molybdenum	96-1	0.32	0.27	0.24	0.28	13.90	ppb
Molybdenum	97-1	0.24	0.23	0.24	0.24	2.96	ppb
Molybdenum	98-1	0.28	0.23	0.24	0.25	10.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	-0.01	-0.01		ppb
Phosphorus	31-2	-14.71	-13.86	-11.62	-13.39		ppb
Potassium	39-2	8.49	9.69	8.75	8.98	6.98	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.35	0.21	0.49	0.35	39.95	ppb
Selenium	77-2	0.50	-0.11	0.20	0.20	152.68	ppb
Selenium	78-2	1.47	-0.82	0.03	0.23	510.29	ppb
Silicon	28-1	-1.90	-2.11	-2.22	-2.08		ppb
Silver	107-1	0.05	0.04	0.03	0.04	21.83	ppb
Silver	109-1	0.05	0.04	0.04	0.04	15.95	ppb
Sodium	23-2	12.09	11.43	8.03	10.52	20.71	ppb
Strontium	86-1	0.46	0.32	0.31	0.36	22.92	ppb
Strontium	88-1	0.43	0.33	0.28	0.35	21.66	ppb
Sulfur	34-1	-2977.79	-3162.09	-3253.83	-3131.24		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.04	0.05	0.05	11.05	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	19.93	ppb
Tin	118-1	0.07	0.12	0.10	0.09	26.79	ppb
Titanium	47-1	0.18	0.13	0.11	0.14	26.92	ppb

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:24:27	DataFile Name :	102CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	22.34	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	69.79	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	0.68	0.71	0.62	0.67	6.70	ppb
Zirconium	90-1	0.26	0.19	0.19	0.21	19.92	ppb
Zirconium	91-1	0.27	0.18	0.20	0.22	20.13	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 15:55:16	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290	263	290	281	5.48	cps
Antimony	121-1	40	60	20	40	50.00	cps
Arsenic	75-2	7	7	3	6	34.70	cps
Barium	135-1	57	47	60	54	12.74	cps
Barium	137-1	87	93	37	72	42.88	cps
Beryllium	9-1	37	20	40	32	33.25	cps
Bismuth	209-1	3036429	3210730	3313645	3186935	4.40	cps
Bismuth	209-2	2932078	2973993	2997178	2967750	1.11	cps
Bromine	81-1	4834	4854	4744	4811	1.22	cps
Bromine	81-2	83	97	100	93	9.45	cps
Cadmium	108-1	13	17	7	12	41.65	cps
Cadmium	106-1	1293	1620	1537	1483	11.44	cps
Cadmium	111-1	906	1122	1078	1035	11.03	cps
Calcium	43-1	380	363	417	387	7.06	cps
Calcium	44-1	20948	20755	21168	20957	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	867	950	873	897	5.16	cps
Cobalt	59-2	110	127	140	126	11.97	cps
Copper	63-2	740	790	743	758	3.69	cps
Dysprosium	156-1	297	343	250	297	15.73	cps
Dysprosium	156-2	57	87	67	70	21.82	cps
Erbium	164-1	40	30	33	34	14.78	cps
Erbium	164-2	33	27	17	26	32.81	cps
Gadolinium	160-1	33	33	13	27	43.31	cps
Gadolinium	160-2	167	180	177	174	3.98	cps
Holmium	165-1	5034634	5422890	5493518	5317014	4.65	cps
Holmium	165-2	4193803	4228040	4176856	4199566	0.62	cps
Indium	115-1	4622105	5046718	4906708	4858510	4.45	cps
Indium	115-2	1864481	1902149	1861493	1876041	1.21	cps
Iron	56-2	12205	12072	12369	12215	1.22	cps
Iron	57-2	3007	3190	3297	3165	4.64	cps
Iron	54-2	1750	1767	1803	1773	1.54	cps
Krypton	83-1	257	273	213	248	12.50	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 15:55:16	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	323	383	283	330	15.25	cps
Lead	207-1	247	217	313	259	19.11	cps
Lead	208-1	1260	1243	1307	1270	2.59	cps
Lithium	6-1	822626	901906	896953	873828	5.08	cps
Magnesium	24-2	297	253	250	267	9.76	cps
Manganese	55-2	400	420	373	398	5.89	cps
Molybdenum	94-1	213	227	220	220	3.03	cps
Molybdenum	95-1	97	123	100	107	13.62	cps
Molybdenum	96-1	123	110	123	119	6.48	cps
Molybdenum	97-1	60	50	43	51	16.42	cps
Molybdenum	98-1	100	117	100	106	9.12	cps
Neodymium	150-1	3	17	10	10	66.70	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	157	117	147	140	14.87	cps
Phosphorus	31-2	170	187	157	171	8.78	cps
Potassium	39-2	88519	87275	87691	87828	0.72	cps
Rhodium	103-1	4532172	4908810	4962831	4801271	4.89	cps
Rhodium	103-2	3098184	3121413	3112694	3110764	0.38	cps
Scandium	45-1	3236323	3544421	3552479	3444408	5.23	cps
Scandium	45-2	322413	320681	319758	320950	0.42	cps
Selenium	82-1	291	303	339	311	7.87	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	340	293	363	332	10.73	cps
Silicon	28-1	403896	404349	408766	405670	0.66	cps
Silver	107-1	40	53	83	59	37.69	cps
Silver	109-1	17	43	17	26	60.23	cps
Sodium	23-2	57390	57008	57417	57272	0.40	cps
Strontium	86-1	330	387	430	382	13.12	cps
Strontium	88-1	333	303	337	324	5.66	cps
Sulfur	34-1	282127	281756	277239	280374	0.97	cps
Terbium	159-1	5221940	5638564	5775505	5545336	5.20	cps
Terbium	159-2	4235978	4252746	4159856	4216194	1.17	cps
Thallium	203-1	120	73	73	89	30.31	cps
Thallium	205-1	197	190	157	181	11.83	cps
Tin	118-1	1323	1130	1140	1198	9.09	cps
Titanium	47-1	170	237	240	216	18.32	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 15:55:16	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	13	13	19	50.96	cps
Vanadium	51-2	10	30	13	18	60.28	cps
Yttrium	89-1	8123645	8889008	9008795	8673816	5.54	cps
Yttrium	89-2	2518626	2464683	2476551	2486620	1.14	cps
Zinc	66-2	423	387	403	404	4.54	cps
Zirconium	90-1	387	353	383	374	4.90	cps
Zirconium	91-1	40	93	87	73	39.63	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 15:58:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3480	3410	3274	3388	3.10	cps
Antimony	121-1	11491	12045	11745	11760	2.36	cps
Arsenic	75-2	390	370	410	390	5.13	cps
Barium	135-1	13313	13620	13767	13567	1.71	cps
Barium	137-1	23242	23206	23336	23261	0.29	cps
Beryllium	9-1	1135	1122	1109	1122	1.16	cps
Bismuth	209-1	3253186	3312355	3266964	3277501	0.94	cps
Bismuth	209-2	2978405	2965752	2968187	2970781	0.23	cps
Bromine	81-1	4471	4604	4694	4590	2.45	cps
Bromine	81-2	90	103	100	98	7.10	cps
Cadmium	108-1	160	117	133	137	15.99	cps
Cadmium	106-1	1840	1727	1583	1717	7.49	cps
Cadmium	111-1	2756	2651	2459	2622	5.76	cps
Calcium	43-1	9830	10097	10254	10060	2.13	cps
Calcium	44-1	178936	182574	181735	181082	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6912	6732	6575	6739	2.50	cps
Cobalt	59-2	4741	4884	4817	4814	1.49	cps
Copper	63-2	6828	6942	6952	6907	0.99	cps
Dysprosium	156-1	233	310	277	273	14.06	cps
Dysprosium	156-2	60	87	87	78	19.80	cps
Erbium	164-1	53	43	47	48	10.66	cps
Erbium	164-2	20	23	33	26	27.15	cps
Gadolinium	160-1	23	27	30	27	12.51	cps
Gadolinium	160-2	190	210	160	187	13.48	cps
Holmium	165-1	5381180	5567235	5394105	5447506	1.91	cps
Holmium	165-2	4222759	4282408	4220663	4241943	0.83	cps
Indium	115-1	4958707	4999110	4954225	4970681	0.50	cps
Indium	115-2	1883851	1853423	1905091	1880788	1.38	cps
Iron	56-2	146772	146314	143500	145529	1.22	cps
Iron	57-2	6271	6551	6842	6555	4.35	cps
Iron	54-2	9523	9430	9390	9447	0.72	cps
Krypton	83-1	220	193	247	220	12.12	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 15:58:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3651	3777	3554	3661	3.06	cps
Lead	207-1	3117	3224	3270	3204	2.45	cps
Lead	208-1	14013	14687	14386	14362	2.35	cps
Lithium	6-1	889595	910566	917495	905885	1.60	cps
Magnesium	24-2	142446	139616	138800	140287	1.36	cps
Manganese	55-2	2597	2467	2654	2572	3.72	cps
Molybdenum	94-1	13043	13016	13009	13023	0.14	cps
Molybdenum	95-1	15432	15632	15558	15541	0.65	cps
Molybdenum	96-1	17227	16983	17577	17263	1.73	cps
Molybdenum	97-1	9450	9603	9720	9591	1.41	cps
Molybdenum	98-1	23923	24487	25432	24614	3.10	cps
Neodymium	150-1	17	10	3	10	66.70	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	1190	1343	1337	1290	6.72	cps
Phosphorus	31-2	380	440	420	413	7.39	cps
Potassium	39-2	268924	267393	266047	267455	0.54	cps
Rhodium	103-1	4911319	4880773	4931724	4907939	0.52	cps
Rhodium	103-2	3146380	3106062	3077919	3110120	1.11	cps
Scandium	45-1	3509344	3524283	3544953	3526193	0.51	cps
Scandium	45-2	321656	326970	321669	323432	0.95	cps
Selenium	82-1	868	876	813	852	4.04	cps
Selenium	77-2	50	73	40	54	31.42	cps
Selenium	78-2	493	463	530	496	6.74	cps
Silicon	28-1	418270	419998	416970	418413	0.36	cps
Silver	107-1	6902	7012	6998	6971	0.86	cps
Silver	109-1	6235	6281	6295	6270	0.50	cps
Sodium	23-2	283834	283419	281948	283067	0.35	cps
Strontium	86-1	2330	2467	2297	2365	3.81	cps
Strontium	88-1	17651	18532	17931	18038	2.50	cps
Sulfur	34-1	279150	278911	281611	279890	0.53	cps
Terbium	159-1	5680775	5731135	5696716	5702875	0.45	cps
Terbium	159-2	4213934	4245611	4181375	4213640	0.76	cps
Thallium	203-1	4101	4194	4044	4113	1.84	cps
Thallium	205-1	9917	9950	9797	9888	0.82	cps
Tin	118-1	22678	23713	23619	23337	2.45	cps
Titanium	47-1	4911	4794	4837	4847	1.22	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 15:58:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11452	11802	12176	11810	3.07	cps
Vanadium	51-2	13456	13273	13183	13304	1.05	cps
Yttrium	89-1	8756195	8988466	8998981	8914548	1.54	cps
Yttrium	89-2	2479550	2448463	2415777	2447930	1.30	cps
Zinc	66-2	2914	2774	2877	2855	2.54	cps
Zirconium	90-1	10954	10837	11288	11026	2.12	cps
Zirconium	91-1	2590	2484	2287	2454	6.27	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:01:54	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200848	203116	202390	202118	0.57	cps
Antimony	121-1	315757	314584	314411	314917	0.23	cps
Arsenic	75-2	21332	21522	21519	21458	0.51	cps
Barium	135-1	365466	370196	387168	374277	3.05	cps
Barium	137-1	625883	667735	646145	646588	3.24	cps
Beryllium	9-1	57980	57194	61347	58841	3.75	cps
Bismuth	209-1	3438059	3468361	3272458	3392960	3.11	cps
Bismuth	209-2	3016907	3094890	3056638	3056145	1.28	cps
Bromine	81-1	4501	4657	4424	4527	2.63	cps
Bromine	81-2	93	53	90	79	28.14	cps
Cadmium	108-1	5461	5775	5951	5729	4.33	cps
Cadmium	106-1	9480	10057	9553	9697	3.24	cps
Cadmium	111-1	79157	80296	81465	80306	1.44	cps
Calcium	43-1	116903	122123	120020	119682	2.19	cps
Calcium	44-1	1799221	1762119	1776218	1779186	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	164881	162131	162252	163088	0.95	cps
Cobalt	59-2	242863	243222	240900	242328	0.52	cps
Copper	63-2	1779961	1762461	1761152	1767858	0.59	cps
Dysprosium	156-1	230	297	270	266	12.64	cps
Dysprosium	156-2	73	70	107	83	24.33	cps
Erbium	164-1	43	43	63	50	23.10	cps
Erbium	164-2	17	47	30	31	48.31	cps
Gadolinium	160-1	27	33	23	28	18.33	cps
Gadolinium	160-2	190	220	200	203	7.51	cps
Holmium	165-1	5544111	5595562	5918680	5686118	3.57	cps
Holmium	165-2	4349872	4341122	4314205	4335066	0.43	cps
Indium	115-1	4913781	4940783	5214697	5023087	3.31	cps
Indium	115-2	1943061	1935949	1959990	1946333	0.63	cps
Iron	56-2	6804340	6911969	6823783	6846697	0.84	cps
Iron	57-2	184053	182723	182369	183049	0.49	cps
Iron	54-2	411369	408157	410415	409980	0.40	cps
Krypton	83-1	203	203	293	233	22.27	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:01:54	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	881885	891276	949798	907653	4.05	cps
Lead	207-1	766186	815427	796887	792833	3.14	cps
Lead	208-1	3720750	3915167	3874552	3836823	2.67	cps
Lithium	6-1	925307	910433	900583	912108	1.36	cps
Magnesium	24-2	1403137	1372903	1367273	1381104	1.40	cps
Manganese	55-2	1172671	1163254	1160722	1165549	0.54	cps
Molybdenum	94-1	1271029	1286365	1269396	1275597	0.73	cps
Molybdenum	95-1	1865444	1836548	1889102	1863698	1.41	cps
Molybdenum	96-1	1990663	1988084	2045149	2007965	1.60	cps
Molybdenum	97-1	1107752	1125113	1170579	1134481	2.86	cps
Molybdenum	98-1	2848472	2933436	2930199	2904036	1.66	cps
Neodymium	150-1	27	27	13	22	34.66	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	62573	63212	62479	62755	0.64	cps
Phosphorus	31-2	9990	9937	9870	9932	0.61	cps
Potassium	39-2	1083072	1075002	1074467	1077514	0.45	cps
Rhodium	103-1	4819875	5094156	5001378	4971803	2.81	cps
Rhodium	103-2	3233368	3216314	3259896	3236526	0.68	cps
Scandium	45-1	3626249	3630649	3640641	3632513	0.20	cps
Scandium	45-2	333697	329895	329391	330994	0.71	cps
Selenium	82-1	5602	5824	5431	5619	3.50	cps
Selenium	77-2	533	520	563	539	4.12	cps
Selenium	78-2	2137	2190	2270	2199	3.05	cps
Silicon	28-1	1669113	1671012	1718975	1686367	1.68	cps
Silver	107-1	401071	398709	406975	402252	1.06	cps
Silver	109-1	371977	390332	376996	379768	2.50	cps
Sodium	23-2	2433587	2402134	2391963	2409228	0.90	cps
Strontium	86-1	2705992	2850089	2791058	2782380	2.60	cps
Strontium	88-1	23886459	23890972	23899627	23892353	0.03	cps
Sulfur	34-1	299968	298833	297685	298829	0.38	cps
Terbium	159-1	5739152	5941587	5904691	5861810	1.84	cps
Terbium	159-2	4378158	4304928	4306824	4329970	0.96	cps
Thallium	203-1	218851	229402	224415	224223	2.35	cps
Thallium	205-1	537218	532654	531229	533700	0.59	cps
Tin	118-1	241597	256414	249823	249278	2.98	cps
Titanium	47-1	542502	547413	560758	550225	1.72	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:01:54	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	638108	658621	662880	653203	2.03	cps
Vanadium	51-2	143061	143068	144272	143467	0.49	cps
Yttrium	89-1	9422605	9053870	9126071	9200849	2.12	cps
Yttrium	89-2	2490750	2524153	2535564	2516822	0.93	cps
Zinc	66-2	289143	286292	288789	288075	0.54	cps
Zirconium	90-1	580079	581543	606699	589441	2.54	cps
Zirconium	91-1	125733	132082	128188	128668	2.49	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:05:02	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	472535	470016	466165	469572	0.68	cps
Antimony	121-1	785432	814862	817725	806006	2.22	cps
Arsenic	75-2	54339	54677	54229	54415	0.43	cps
Barium	135-1	935758	967500	971479	958246	2.04	cps
Barium	137-1	1679768	1712673	1731980	1708140	1.55	cps
Beryllium	9-1	149426	153481	155012	152639	1.89	cps
Bismuth	209-1	3406862	3459704	3493357	3453307	1.26	cps
Bismuth	209-2	3116056	3169314	3064900	3116757	1.68	cps
Bromine	81-1	4784	4577	4721	4694	2.26	cps
Bromine	81-2	43	40	73	52	35.15	cps
Cadmium	108-1	14601	14828	15275	14901	2.30	cps
Cadmium	106-1	21576	22090	21960	21875	1.22	cps
Cadmium	111-1	197167	202012	203984	201054	1.74	cps
Calcium	43-1	300308	307578	308445	305444	1.46	cps
Calcium	44-1	4381117	4503540	4457883	4447513	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	411671	406785	407307	408587	0.66	cps
Cobalt	59-2	610731	614594	610336	611887	0.38	cps
Copper	63-2	4375567	4389140	4404456	4389721	0.33	cps
Dysprosium	156-1	567	537	543	549	2.87	cps
Dysprosium	156-2	360	337	363	353	4.11	cps
Erbium	164-1	63	57	70	63	10.52	cps
Erbium	164-2	47	37	33	39	17.85	cps
Gadolinium	160-1	37	40	50	42	16.43	cps
Gadolinium	160-2	193	203	197	198	2.57	cps
Holmium	165-1	5660777	5730300	5953299	5781458	2.64	cps
Holmium	165-2	4511221	4467624	4389847	4456230	1.38	cps
Indium	115-1	5171457	5119117	5268147	5186240	1.46	cps
Indium	115-2	1987278	1937312	1931042	1951877	1.58	cps
Iron	56-2	17240338	17174586	17046930	17153951	0.57	cps
Iron	57-2	457280	454142	449040	453487	0.92	cps
Iron	54-2	1020094	1029541	1017471	1022369	0.62	cps
Krypton	83-1	260	200	233	231	13.01	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:05:02	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2543062	2552657	2634340	2576686	1.95	cps
Lead	207-1	2243101	2296572	2323922	2287865	1.80	cps
Lead	208-1	10138216	10353042	10486828	10326029	1.70	cps
Lithium	6-1	932579	943203	931229	935670	0.70	cps
Magnesium	24-2	3475005	3418229	3425178	3439470	0.90	cps
Manganese	55-2	2869173	2877995	2831455	2859541	0.86	cps
Molybdenum	94-1	3160849	3249521	3343384	3251251	2.81	cps
Molybdenum	95-1	4655760	4724581	4843015	4741119	2.00	cps
Molybdenum	96-1	5068075	5143143	5218753	5143324	1.46	cps
Molybdenum	97-1	2884015	2953947	2994566	2944176	1.90	cps
Molybdenum	98-1	7302316	7618967	7654826	7525370	2.58	cps
Neodymium	150-1	70	30	40	47	44.61	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	156124	155800	154868	155597	0.42	cps
Phosphorus	31-2	25071	24577	24390	24679	1.43	cps
Potassium	39-2	2383422	2387147	2362623	2377730	0.56	cps
Rhodium	103-1	5021221	5138825	5121245	5093764	1.25	cps
Rhodium	103-2	3232719	3208226	3201103	3214016	0.52	cps
Scandium	45-1	3611001	3693712	3630509	3645074	1.19	cps
Scandium	45-2	328538	332010	327740	329430	0.69	cps
Selenium	82-1	13273	13917	13825	13672	2.55	cps
Selenium	77-2	1443	1370	1363	1392	3.19	cps
Selenium	78-2	5268	4831	4968	5022	4.45	cps
Silicon	28-1	3110262	3136433	3171283	3139326	0.98	cps
Silver	107-1	1004366	1023018	1044065	1023816	1.94	cps
Silver	109-1	945659	963796	975729	961728	1.57	cps
Sodium	23-2	6017356	6043425	5934561	5998447	0.95	cps
Strontium	86-1	6926112	7103676	7098241	7042676	1.43	cps
Strontium	88-1	59703736	61231312	62331584	61088877	2.16	cps
Sulfur	34-1	341301	339884	341262	340816	0.24	cps
Terbium	159-1	5925627	6056841	6113528	6031999	1.60	cps
Terbium	159-2	4474428	4474522	4485281	4478077	0.14	cps
Thallium	203-1	574951	588425	593480	585619	1.64	cps
Thallium	205-1	1339828	1365136	1404134	1369699	2.37	cps
Tin	118-1	621395	642597	639069	634354	1.79	cps
Titanium	47-1	1325118	1388686	1380561	1364789	2.53	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:05:02	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1913578	1893428	1970235	1925747	2.07	cps
Vanadium	51-2	362592	360080	358884	360518	0.52	cps
Yttrium	89-1	9264687	9336155	9548049	9382964	1.57	cps
Yttrium	89-2	2555681	2495119	2511714	2520838	1.24	cps
Zinc	66-2	725367	722732	722815	723638	0.21	cps
Zirconium	90-1	1466325	1471957	1515655	1484646	1.82	cps
Zirconium	91-1	320720	329443	331046	327070	1.70	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:08:01	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	847569	847444	849408	848140	0.13	cps
Antimony	121-1	1616273	1666652	1653959	1645628	1.59	cps
Arsenic	75-2	106995	107251	106784	107010	0.22	cps
Barium	135-1	2004155	2018116	2030768	2017680	0.66	cps
Barium	137-1	3463753	3433664	3526748	3474722	1.37	cps
Beryllium	9-1	293875	304660	302799	300445	1.92	cps
Bismuth	209-1	3528300	3506551	3571402	3535418	0.93	cps
Bismuth	209-2	3112747	3100613	3155203	3122854	0.92	cps
Bromine	81-1	4881	4888	4891	4886	0.10	cps
Bromine	81-2	53	60	57	57	5.89	cps
Cadmium	108-1	27499	29604	29974	29026	4.60	cps
Cadmium	106-1	42255	42729	43425	42803	1.37	cps
Cadmium	111-1	397408	400634	404917	400986	0.94	cps
Calcium	43-1	595241	605781	607241	602754	1.09	cps
Calcium	44-1	8715011	8738528	8864787	8772775	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	796487	798258	798513	797753	0.14	cps
Cobalt	59-2	1186525	1187620	1185359	1186502	0.10	cps
Copper	63-2	8586896	8581808	8632756	8600486	0.33	cps
Dysprosium	156-1	427	327	407	387	13.69	cps
Dysprosium	156-2	203	193	160	186	12.23	cps
Erbium	164-1	73	30	57	53	40.98	cps
Erbium	164-2	43	33	43	40	14.43	cps
Gadolinium	160-1	33	50	30	38	28.37	cps
Gadolinium	160-2	200	213	213	209	3.69	cps
Holmium	165-1	5719014	5869860	5986849	5858574	2.29	cps
Holmium	165-2	4512689	4430775	4443642	4462369	0.99	cps
Indium	115-1	5197978	5134273	5254760	5195670	1.16	cps
Indium	115-2	1924357	1953377	1970958	1949564	1.21	cps
Iron	56-2	33939722	33324662	33728726	33664370	0.93	cps
Iron	57-2	891005	887096	883502	887201	0.42	cps
Iron	54-2	1917953	1900347	1903800	1907367	0.49	cps
Krypton	83-1	227	260	237	241	7.10	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:08:01	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5126307	5133388	5344952	5201549	2.39	cps
Lead	207-1	4527993	4563861	4750949	4614268	2.59	cps
Lead	208-1	20523640	20685511	21454837	20887996	2.38	cps
Lithium	6-1	963552	960553	972886	965664	0.67	cps
Magnesium	24-2	6798603	6718065	6725236	6747301	0.66	cps
Manganese	55-2	5633148	5624682	5546709	5601513	0.85	cps
Molybdenum	94-1	6362703	6506224	6526988	6465305	1.38	cps
Molybdenum	95-1	9213999	9391011	9551043	9385351	1.80	cps
Molybdenum	96-1	10070912	10184909	10317157	10190993	1.21	cps
Molybdenum	97-1	5779781	5751651	5871163	5800865	1.08	cps
Molybdenum	98-1	14855646	14941645	15309389	15035560	1.60	cps
Neodymium	150-1	90	63	90	81	18.98	cps
Neodymium	150-2	33	7	17	19	71.30	cps
Nickel	60-2	305170	301394	300922	302495	0.77	cps
Phosphorus	31-2	48443	48363	48209	48338	0.25	cps
Potassium	39-2	4581800	4565279	4571258	4572779	0.18	cps
Rhodium	103-1	5168459	5097121	5135158	5133579	0.70	cps
Rhodium	103-2	3197471	3221929	3197559	3205653	0.44	cps
Scandium	45-1	3654207	3666791	3693151	3671383	0.54	cps
Scandium	45-2	328734	325775	325347	326619	0.56	cps
Selenium	82-1	26345	26668	26717	26577	0.76	cps
Selenium	77-2	2807	2777	2594	2726	4.24	cps
Selenium	78-2	9570	9473	9400	9481	0.90	cps
Silicon	28-1	5954311	6016985	6002213	5991170	0.55	cps
Silver	107-1	2038244	2122664	2071394	2077434	2.05	cps
Silver	109-1	1924469	1980198	1978087	1960918	1.61	cps
Sodium	23-2	11819524	11643199	11610110	11690945	0.96	cps
Strontium	86-1	13781082	13874300	14138842	13931408	1.33	cps
Strontium	88-1	120152468	121377428	121217298	120915732	0.55	cps
Sulfur	34-1	405462	407566	403778	405602	0.47	cps
Terbium	159-1	6064877	6185069	6129413	6126453	0.98	cps
Terbium	159-2	4440066	4427016	4446976	4438019	0.23	cps
Thallium	203-1	1157875	1178051	1186683	1174203	1.26	cps
Thallium	205-1	3038475	3099559	3125417	3087817	1.45	cps
Tin	118-1	1229730	1271923	1282811	1261488	2.22	cps
Titanium	47-1	2671674	2712889	2797500	2727354	2.35	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:08:01	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3798830	3957648	3945375	3900618	2.27	cps
Vanadium	51-2	712985	710272	706008	709755	0.50	cps
Yttrium	89-1	9457230	9395413	9574083	9475575	0.96	cps
Yttrium	89-2	2573841	2506840	2560115	2546932	1.39	cps
Zinc	66-2	1407539	1396261	1405223	1403007	0.42	cps
Zirconium	90-1	2932556	3016302	3017684	2988847	1.63	cps
Zirconium	91-1	640164	662892	662322	655126	1.98	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:10:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1593276	1645136	1596089	1611501	1.81	cps
Antimony	121-1	3303125	3364951	3343656	3337244	0.94	cps
Arsenic	75-2	208419	211912	207455	209262	1.12	cps
Barium	135-1	3943429	4041303	4052671	4012467	1.50	cps
Barium	137-1	6797904	6905284	7032141	6911776	1.70	cps
Beryllium	9-1	584410	597157	594213	591927	1.13	cps
Bismuth	209-1	3605866	3631736	3594794	3610799	0.53	cps
Bismuth	209-2	3104131	3083631	3143528	3110430	0.98	cps
Bromine	81-1	4888	5094	4914	4965	2.26	cps
Bromine	81-2	80	77	67	74	9.32	cps
Cadmium	108-1	57885	58437	59070	58464	1.01	cps
Cadmium	106-1	82466	83502	84571	83513	1.26	cps
Cadmium	111-1	780052	796227	801361	792547	1.40	cps
Calcium	43-1	1171188	1196601	1191320	1186370	1.13	cps
Calcium	44-1	16835088	17384336	17431831	17217085	1.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1526876	1532082	1506503	1521820	0.89	cps
Cobalt	59-2	2300401	2371556	2354311	2342089	1.58	cps
Copper	63-2	16909869	16541474	16719042	16723462	1.10	cps
Dysprosium	156-1	383	377	377	379	1.01	cps
Dysprosium	156-2	273	267	253	264	3.85	cps
Erbium	164-1	53	90	107	83	32.75	cps
Erbium	164-2	87	37	70	64	39.50	cps
Gadolinium	160-1	37	53	77	56	36.17	cps
Gadolinium	160-2	243	197	237	226	11.19	cps
Holmium	165-1	5972457	6029493	6165584	6055845	1.64	cps
Holmium	165-2	4609147	4537413	4484113	4543558	1.38	cps
Indium	115-1	5178190	5262488	5315467	5252048	1.32	cps
Indium	115-2	1926738	1876837	1873057	1892211	1.58	cps
Iron	56-2	65514037	67472481	66826194	66604237	1.50	cps
Iron	57-2	1638368	1712176	1690396	1680313	2.26	cps
Iron	54-2	3704305	3781815	3708868	3731663	1.17	cps
Krypton	83-1	213	237	207	219	7.20	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:10:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10388371	10623999	10531085	10514485	1.13	cps
Lead	207-1	9127681	9165480	9236294	9176485	0.60	cps
Lead	208-1	41536150	42266231	42253071	42018484	0.99	cps
Lithium	6-1	965403	981901	916138	954481	3.58	cps
Magnesium	24-2	13115126	13118327	12935897	13056450	0.80	cps
Manganese	55-2	10918249	11216213	10995139	11043200	1.40	cps
Molybdenum	94-1	12844996	13049928	13269959	13054961	1.63	cps
Molybdenum	95-1	18504211	19031084	19035083	18856793	1.62	cps
Molybdenum	96-1	20263355	20457131	20318844	20346443	0.49	cps
Molybdenum	97-1	11526459	11697489	11555262	11593070	0.79	cps
Molybdenum	98-1	29844915	30445956	30086823	30125898	1.00	cps
Neodymium	150-1	143	147	160	150	5.88	cps
Neodymium	150-2	40	70	53	54	27.61	cps
Nickel	60-2	590989	578526	584520	584679	1.07	cps
Phosphorus	31-2	92661	94050	93899	93537	0.81	cps
Potassium	39-2	8940440	8698020	8769392	8802617	1.42	cps
Rhodium	103-1	5104911	5199882	5066803	5123865	1.34	cps
Rhodium	103-2	3220911	3120396	3142116	3161141	1.67	cps
Scandium	45-1	3610595	3702723	3736076	3683131	1.76	cps
Scandium	45-2	328727	321005	322069	323934	1.29	cps
Selenium	82-1	51932	53072	53032	52679	1.23	cps
Selenium	77-2	5458	5224	5568	5417	3.24	cps
Selenium	78-2	18502	17928	17938	18122	1.81	cps
Silicon	28-1	11540326	11718548	11703936	11654270	0.85	cps
Silver	107-1	4054808	4123644	4116532	4098328	0.92	cps
Silver	109-1	3818559	3880116	3863724	3854133	0.83	cps
Sodium	23-2	22412126	22667241	22405095	22494821	0.66	cps
Strontium	86-1	27437359	27840207	27783143	27686903	0.79	cps
Strontium	88-1	238365036	241628543	244827156	241606912	1.34	cps
Sulfur	34-1	534450	534823	526823	532032	0.85	cps
Terbium	159-1	6306668	6254036	6361441	6307382	0.85	cps
Terbium	159-2	4454881	4522046	4497167	4491364	0.76	cps
Thallium	203-1	2610446	2699222	2668926	2659531	1.70	cps
Thallium	205-1	6038937	6350014	6311604	6233519	2.72	cps
Tin	118-1	2574057	2659540	2642605	2625401	1.72	cps
Titanium	47-1	5372931	5398688	5391746	5387788	0.25	cps

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On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:10:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7715649	7928476	7987192	7877105	1.81	cps
Vanadium	51-2	1356494	1352926	1361177	1356866	0.30	cps
Yttrium	89-1	9595080	9647018	9677698	9639932	0.43	cps
Yttrium	89-2	2583280	2522115	2473698	2526364	2.17	cps
Zinc	66-2	2714413	2715823	2745397	2725211	0.64	cps
Zirconium	90-1	5821350	5938315	6049429	5936365	1.92	cps
Zirconium	91-1	1290755	1328480	1344729	1321321	2.10	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:16:58	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3240784	3207066	3213113	3220321	0.56	cps
Antimony	121-1	6622937	6803494	6711886	6712772	1.34	cps
Arsenic	75-2	420734	418651	418486	419290	0.30	cps
Barium	135-1	8106834	8206974	8210106	8174638	0.72	cps
Barium	137-1	14138663	14300435	14355231	14264776	0.79	cps
Beryllium	9-1	1109978	1137485	1140538	1129334	1.49	cps
Bismuth	209-1	3659145	3658978	3671674	3663266	0.20	cps
Bismuth	209-2	3104193	3106253	3106420	3105622	0.04	cps
Bromine	81-1	4794	4661	4871	4775	2.23	cps
Bromine	81-2	63	70	67	67	5.00	cps
Cadmium	108-1	114585	115912	117354	115950	1.19	cps
Cadmium	106-1	162454	163384	166456	164098	1.28	cps
Cadmium	111-1	1562815	1585760	1650539	1599705	2.84	cps
Calcium	43-1	2287688	2336195	2309098	2310994	1.05	cps
Calcium	44-1	34771620	35216801	35119423	35035948	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3082159	3055489	2993810	3043819	1.49	cps
Cobalt	59-2	4588640	4537281	4567840	4564587	0.57	cps
Copper	63-2	33462076	33111280	32809900	33127752	0.99	cps
Dysprosium	156-1	450	530	523	501	8.86	cps
Dysprosium	156-2	523	503	490	506	3.32	cps
Erbium	164-1	97	117	110	108	9.45	cps
Erbium	164-2	63	47	70	60	20.03	cps
Gadolinium	160-1	103	83	90	92	11.04	cps
Gadolinium	160-2	267	200	223	230	14.71	cps
Holmium	165-1	6259698	6242599	6148828	6217042	0.96	cps
Holmium	165-2	4645977	4547631	4508971	4567527	1.55	cps
Indium	115-1	5315460	5251200	5308013	5291558	0.66	cps
Indium	115-2	1901938	1878369	1857646	1879318	1.18	cps
Iron	56-2	131648591	131686078	132083638	131806102	0.18	cps
Iron	57-2	3334317	3269515	3318645	3307493	1.02	cps
Iron	54-2	7400729	7376114	7381074	7385972	0.18	cps
Krypton	83-1	257	230	257	248	6.21	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:16:58	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21315511	21739307	21934557	21663125	1.46	cps
Lead	207-1	18897994	19051815	19210442	19053417	0.82	cps
Lead	208-1	85449425	86849550	87569152	86622709	1.24	cps
Lithium	6-1	948245	918419	936984	934550	1.61	cps
Magnesium	24-2	26763691	26294236	26026272	26361400	1.42	cps
Manganese	55-2	22036014	21655124	21732137	21807758	0.92	cps
Molybdenum	94-1	26073671	26463277	26457613	26331520	0.85	cps
Molybdenum	95-1	37880305	38262785	38014178	38052423	0.51	cps
Molybdenum	96-1	41225991	41613989	41491489	41443823	0.48	cps
Molybdenum	97-1	23282720	23835935	23730718	23616458	1.24	cps
Molybdenum	98-1	60302296	60737496	61192847	60744213	0.73	cps
Neodymium	150-1	253	280	350	294	16.96	cps
Neodymium	150-2	83	83	63	77	15.06	cps
Nickel	60-2	1159497	1148863	1144092	1150817	0.69	cps
Phosphorus	31-2	187980	185089	185000	186023	0.91	cps
Potassium	39-2	17617890	17472150	17287619	17459220	0.95	cps
Rhodium	103-1	5153563	5091664	5115841	5120356	0.61	cps
Rhodium	103-2	3183979	3157942	3177663	3173195	0.43	cps
Scandium	45-1	3765716	3671934	3668165	3701938	1.49	cps
Scandium	45-2	327701	323979	320666	324115	1.09	cps
Selenium	82-1	103148	105179	105617	104648	1.26	cps
Selenium	77-2	10527	10557	10744	10609	1.11	cps
Selenium	78-2	35833	35185	35302	35440	0.97	cps
Silicon	28-1	21517994	21687057	21663261	21622771	0.42	cps
Silver	107-1	8066446	8133956	8133661	8111354	0.48	cps
Silver	109-1	7617936	7658297	7832120	7702784	1.48	cps
Sodium	23-2	45618896	45317309	44999508	45311904	0.68	cps
Strontium	86-1	55525429	55653796	57178376	56119200	1.64	cps
Strontium	88-1	481997419	490270393	499884553	490717455	1.82	cps
Sulfur	34-1	795211	790002	791890	792368	0.33	cps
Terbium	159-1	6527223	6431273	6403783	6454093	1.00	cps
Terbium	159-2	4609209	4603670	4530120	4581000	0.96	cps
Thallium	203-1	5346576	5504977	5474971	5442174	1.55	cps
Thallium	205-1	12474972	13004966	12803232	12761057	2.10	cps
Tin	118-1	5253785	5269927	5296861	5273525	0.41	cps
Titanium	47-1	10685307	10819988	10973158	10826151	1.33	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:16:58	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16087068	16373866	16330877	16263937	0.95	cps
Vanadium	51-2	2782664	2704114	2723909	2736896	1.49	cps
Yttrium	89-1	9706781	9703651	9727191	9712541	0.13	cps
Yttrium	89-2	2594659	2526582	2515822	2545688	1.68	cps
Zinc	66-2	5461255	5484652	5396757	5447555	0.84	cps
Zirconium	90-1	11774787	11915826	12169958	11953524	1.68	cps
Zirconium	91-1	2666227	2670566	2683503	2673432	0.34	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:19:46	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16552352	16739709	16571621	16621227	0.62	cps
Antimony	121-1	5741	5601	5641	5661	1.27	cps
Arsenic	75-2	293	227	220	247	16.44	cps
Barium	135-1	3651	3560	3257	3489	5.91	cps
Barium	137-1	5861	5971	5881	5905	0.99	cps
Beryllium	9-1	215	191	134	180	22.97	cps
Bismuth	209-1	3468237	3311709	3322719	3367555	2.59	cps
Bismuth	209-2	2953431	2951037	2964399	2956289	0.24	cps
Bromine	81-1	5228	5398	5348	5324	1.64	cps
Bromine	81-2	53	87	77	72	23.69	cps
Cadmium	108-1	63	67	47	59	18.19	cps
Cadmium	106-1	1697	1537	1617	1617	4.95	cps
Cadmium	111-1	1497	1332	1392	1407	5.91	cps
Calcium	43-1	9786803	9863514	10008631	9886316	1.14	cps
Calcium	44-1	159014934	161177894	161246868	160479899	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10564	10410	11309	10761	4.47	cps
Cobalt	59-2	12836	12682	12719	12746	0.63	cps
Copper	63-2	9823	9533	9563	9640	1.66	cps
Dysprosium	156-1	583	547	603	578	4.97	cps
Dysprosium	156-2	277	273	260	270	3.27	cps
Erbium	164-1	240	240	280	253	9.12	cps
Erbium	164-2	173	190	190	184	5.21	cps
Gadolinium	160-1	243	247	217	236	6.98	cps
Gadolinium	160-2	410	323	407	380	12.92	cps
Holmium	165-1	6134797	6151821	5966967	6084528	1.68	cps
Holmium	165-2	4575025	4544124	4583736	4567628	0.46	cps
Indium	115-1	5209271	5096056	5086957	5130761	1.33	cps
Indium	115-2	1948408	1932172	1893551	1924710	1.46	cps
Iron	56-2	657576830	657166484	658275310	657672875	0.09	cps
Iron	57-2	16591787	16416304	16318519	16442204	0.84	cps
Iron	54-2	36239580	36304332	36171645	36238519	0.18	cps
Krypton	83-1	263	270	273	269	1.89	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:19:46	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5098	4931	4818	4949	2.85	cps
Lead	207-1	4601	4354	4304	4420	3.59	cps
Lead	208-1	20536	19763	19426	19908	2.86	cps
Lithium	6-1	965286	958459	959269	961004	0.39	cps
Magnesium	24-2	136825265	136455325	134897328	136059306	0.75	cps
Manganese	55-2	11788	11898	12766	12151	4.41	cps
Molybdenum	94-1	6872	6508	6255	6545	4.74	cps
Molybdenum	95-1	6982	6228	5548	6253	11.47	cps
Molybdenum	96-1	11661	10677	10747	11029	4.98	cps
Molybdenum	97-1	4251	3821	3787	3953	6.54	cps
Molybdenum	98-1	10961	9463	9123	9849	9.93	cps
Neodymium	150-1	130	110	107	116	10.92	cps
Neodymium	150-2	67	73	67	69	5.58	cps
Nickel	60-2	5654	5921	5758	5778	2.33	cps
Phosphorus	31-2	327	300	290	306	6.20	cps
Potassium	39-2	91142229	91712089	91997702	91617340	0.48	cps
Rhodium	103-1	4791259	4817331	4830963	4813184	0.42	cps
Rhodium	103-2	3042040	3052549	3035338	3043309	0.29	cps
Scandium	45-1	3699668	3697552	3720437	3705886	0.34	cps
Scandium	45-2	339856	340050	337037	338981	0.50	cps
Selenium	82-1	475	410	397	427	9.75	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	367	330	347	348	5.28	cps
Silicon	28-1	426673	424368	424299	425113	0.32	cps
Silver	107-1	1237	1173	1077	1162	6.93	cps
Silver	109-1	1243	1063	957	1088	13.32	cps
Sodium	23-2	233677997	228546623	229975470	230733363	1.15	cps
Strontium	86-1	10901	10234	9513	10216	6.79	cps
Strontium	88-1	93146	84491	81307	86315	7.10	cps
Sulfur	34-1	232955	235223	239488	235888	1.41	cps
Terbium	159-1	6439985	6233363	6082865	6252071	2.87	cps
Terbium	159-2	4539471	4567637	4603613	4570240	0.70	cps
Thallium	203-1	910	730	740	793	12.75	cps
Thallium	205-1	1987	1997	1633	1872	11.05	cps
Tin	118-1	3847	3844	3757	3816	1.34	cps
Titanium	47-1	1747	1543	1683	1658	6.28	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:19:46	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1330	1003	903	1079	20.68	cps
Vanadium	51-2	657	667	653	659	1.05	cps
Yttrium	89-1	9512364	9423958	9494758	9477026	0.49	cps
Yttrium	89-2	2625290	2578618	2639017	2614308	1.21	cps
Zinc	66-2	7775	7795	7769	7780	0.18	cps
Zirconium	90-1	7152	7185	6862	7066	2.52	cps
Zirconium	91-1	1657	1483	1490	1543	6.36	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:29:47	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96005	95026	94378	95136	0.86	cps
Antimony	121-1	1246329	1253164	1290574	1263356	1.89	cps
Arsenic	75-2	90171	89447	90618	90079	0.66	cps
Barium	135-1	146586	152510	150624	149907	2.02	cps
Barium	137-1	251668	251563	259663	254298	1.83	cps
Beryllium	9-1	113410	112520	114209	113380	0.75	cps
Bismuth	209-1	3425447	3380576	3471691	3425905	1.33	cps
Bismuth	209-2	3200969	3122133	3227296	3183466	1.72	cps
Bromine	81-1	5048	4844	5124	5005	2.89	cps
Bromine	81-2	53	43	60	52	16.07	cps
Cadmium	108-1	10511	11131	10724	10789	2.92	cps
Cadmium	106-1	15862	15632	16172	15889	1.71	cps
Cadmium	111-1	160184	162356	163561	162034	1.06	cps
Calcium	43-1	41213	41968	42446	41876	1.49	cps
Calcium	44-1	692712	709979	720785	707825	2.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	340601	334575	335864	337014	0.94	cps
Cobalt	59-2	503920	499566	499547	501011	0.50	cps
Copper	63-2	344495	341941	341692	342710	0.45	cps
Dysprosium	156-1	277	310	297	294	5.70	cps
Dysprosium	156-2	77	117	50	81	41.37	cps
Erbium	164-1	47	50	40	46	11.18	cps
Erbium	164-2	30	20	20	23	24.74	cps
Gadolinium	160-1	43	17	47	36	46.24	cps
Gadolinium	160-2	173	187	240	200	17.64	cps
Holmium	165-1	5799308	6031171	5795648	5875375	2.30	cps
Holmium	165-2	4475745	4545572	4507999	4509772	0.77	cps
Indium	115-1	5366197	5526491	5282637	5391775	2.30	cps
Indium	115-2	2066360	2025266	2038830	2043485	1.02	cps
Iron	56-2	5490983	5548792	5538303	5526026	0.56	cps
Iron	57-2	148496	148203	148382	148360	0.10	cps
Iron	54-2	337515	336605	335094	336405	0.36	cps
Krypton	83-1	260	177	270	236	21.76	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:29:47	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	768544	773619	785725	775963	1.14	cps
Lead	207-1	641531	676707	662887	660375	2.68	cps
Lead	208-1	2988600	3220495	3065000	3091365	3.82	cps
Lithium	6-1	884026	868341	894834	882400	1.51	cps
Magnesium	24-2	350854	350737	348875	350155	0.32	cps
Manganese	55-2	239280	240285	238329	239298	0.41	cps
Molybdenum	94-1	610	2072	657	1113	74.66	cps
Molybdenum	95-1	373	1912	397	894	98.63	cps
Molybdenum	96-1	583	2417	650	1217	85.46	cps
Molybdenum	97-1	233	1001	203	479	94.32	cps
Molybdenum	98-1	573	2103	613	1096	79.49	cps
Neodymium	150-1	20	17	13	17	20.01	cps
Neodymium	150-2	0	3	13	6	124.93	cps
Nickel	60-2	129974	129271	129164	129470	0.34	cps
Phosphorus	31-2	247	200	177	208	17.15	cps
Potassium	39-2	890102	885071	877278	884150	0.73	cps
Rhodium	103-1	5231761	5185793	5254850	5224135	0.67	cps
Rhodium	103-2	3348375	3372026	3350604	3357002	0.39	cps
Scandium	45-1	3796000	3964126	3825640	3861922	2.32	cps
Scandium	45-2	354129	350667	349890	351562	0.64	cps
Selenium	82-1	22072	22647	22792	22504	1.69	cps
Selenium	77-2	2500	2380	2577	2486	3.99	cps
Selenium	78-2	8676	8292	8499	8489	2.26	cps
Silicon	28-1	391251	398248	399785	396428	1.15	cps
Silver	107-1	383082	391813	400408	391768	2.21	cps
Silver	109-1	360975	367197	376033	368068	2.06	cps
Sodium	23-2	1056844	1049146	1046481	1050824	0.51	cps
Strontium	86-1	1130	5418	1167	2571	95.86	cps
Strontium	88-1	6765	38911	6918	17532	105.61	cps
Sulfur	34-1	256403	255404	255732	255846	0.20	cps
Terbium	159-1	6030834	5903470	6188655	6040986	2.36	cps
Terbium	159-2	4466973	4450637	4525201	4480937	0.87	cps
Thallium	203-1	961559	974328	979531	971806	0.95	cps
Thallium	205-1	2496026	2503906	2553313	2517748	1.23	cps
Tin	118-1	1433	1383	1517	1445	4.66	cps
Titanium	47-1	293	330	313	312	5.88	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:29:47	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	70	117	43	77	48.42	cps
Vanadium	51-2	294153	292484	289506	292048	0.81	cps
Yttrium	89-1	9744390	9647426	9628287	9673368	0.64	cps
Yttrium	89-2	2658383	2691786	2696693	2682288	0.78	cps
Zinc	66-2	116349	116954	115751	116351	0.52	cps
Zirconium	90-1	1313	1931	1240	1495	25.37	cps
Zirconium	91-1	300	530	403	411	28.02	cps

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On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:37:15	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1353	1487	1407	1416	4.74	cps
Antimony	121-1	257	327	300	294	12.00	cps
Arsenic	75-2	3	3	7	4	43.40	cps
Barium	135-1	57	63	67	62	8.18	cps
Barium	137-1	103	100	107	103	3.23	cps
Beryllium	9-1	50	30	37	39	26.18	cps
Bismuth	209-1	3296538	3327048	3320700	3314762	0.49	cps
Bismuth	209-2	2983962	3014473	3029228	3009221	0.77	cps
Bromine	81-1	5288	5238	5334	5287	0.91	cps
Bromine	81-2	140	130	123	131	6.40	cps
Cadmium	108-1	13	7	17	12	41.65	cps
Cadmium	106-1	1473	1487	1457	1472	1.02	cps
Cadmium	111-1	1049	1049	1038	1045	0.61	cps
Calcium	43-1	567	517	480	521	8.35	cps
Calcium	44-1	23509	24303	23806	23873	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	867	977	887	910	6.44	cps
Cobalt	59-2	97	120	107	108	10.86	cps
Copper	63-2	913	997	847	919	8.18	cps
Dysprosium	156-1	293	257	243	264	9.79	cps
Dysprosium	156-2	43	37	63	48	29.04	cps
Erbium	164-1	43	37	47	42	12.06	cps
Erbium	164-2	27	50	27	34	39.10	cps
Gadolinium	160-1	40	33	47	40	16.68	cps
Gadolinium	160-2	157	160	173	163	5.40	cps
Holmium	165-1	5542415	5746255	5568665	5619111	1.97	cps
Holmium	165-2	4273372	4284333	4291062	4282922	0.21	cps
Indium	115-1	5048300	5068216	5109146	5075221	0.61	cps
Indium	115-2	1956485	1933250	1942132	1943956	0.60	cps
Iron	56-2	14187	14023	14324	14178	1.06	cps
Iron	57-2	3247	3127	3284	3219	2.55	cps
Iron	54-2	2174	2003	1983	2053	5.09	cps
Krypton	83-1	233	200	237	223	9.08	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:37:15	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	743	733	697	724	3.39	cps
Lead	207-1	620	653	550	608	8.68	cps
Lead	208-1	3037	2927	2717	2893	5.62	cps
Lithium	6-1	844051	866619	857316	855995	1.32	cps
Magnesium	24-2	517	537	660	571	13.59	cps
Manganese	55-2	370	400	397	389	4.23	cps
Molybdenum	94-1	613	680	610	634	6.22	cps
Molybdenum	95-1	170	123	160	151	16.26	cps
Molybdenum	96-1	230	240	230	233	2.47	cps
Molybdenum	97-1	53	87	93	78	27.56	cps
Molybdenum	98-1	137	147	180	154	14.69	cps
Neodymium	150-1	17	10	17	14	26.66	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	153	147	127	142	9.76	cps
Phosphorus	31-2	203	190	210	201	5.06	cps
Potassium	39-2	93870	94541	94229	94213	0.36	cps
Rhodium	103-1	5053293	5071856	5072242	5065797	0.21	cps
Rhodium	103-2	3252159	3221630	3218735	3230842	0.57	cps
Scandium	45-1	3550923	3597744	3591760	3580143	0.71	cps
Scandium	45-2	335605	333327	333578	334170	0.37	cps
Selenium	82-1	295	395	349	346	14.45	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	403	353	303	353	14.15	cps
Silicon	28-1	392975	393692	393068	393245	0.10	cps
Silver	107-1	113	97	127	112	13.39	cps
Silver	109-1	153	60	90	101	47.13	cps
Sodium	23-2	71411	69777	70915	70701	1.19	cps
Strontium	86-1	347	433	377	386	11.42	cps
Strontium	88-1	367	357	297	340	11.14	cps
Sulfur	34-1	256339	254668	250460	253822	1.19	cps
Terbium	159-1	5809491	5942939	5804966	5852465	1.34	cps
Terbium	159-2	4289193	4234946	4230702	4251613	0.77	cps
Thallium	203-1	207	230	237	224	7.02	cps
Thallium	205-1	593	510	463	522	12.61	cps
Tin	118-1	1270	1313	1347	1310	2.93	cps
Titanium	47-1	213	270	183	222	19.81	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:37:15	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	23	10	17	39.99	cps
Vanadium	51-2	7	10	37	18	92.48	cps
Yttrium	89-1	9058695	9208233	9250733	9172554	1.10	cps
Yttrium	89-2	2565054	2540699	2591725	2565826	0.99	cps
Zinc	66-2	817	687	707	737	9.50	cps
Zirconium	90-1	1650	1520	1417	1529	7.65	cps
Zirconium	91-1	360	317	240	306	19.89	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:43:53	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13412218	13511589	13465070	13462959	0.37	cps
Antimony	121-1	6185	6455	6175	6271	2.53	cps
Arsenic	75-2	160	120	110	130	20.35	cps
Barium	135-1	1853	1887	1943	1895	2.40	cps
Barium	137-1	3344	3127	3137	3203	3.82	cps
Beryllium	9-1	284	290	310	295	4.71	cps
Bismuth	209-1	3189793	3280700	3310877	3260456	1.93	cps
Bismuth	209-2	2979134	3034868	3037636	3017213	1.09	cps
Bromine	81-1	5498	5698	5835	5677	2.98	cps
Bromine	81-2	160	190	193	181	10.14	cps
Cadmium	108-1	657	620	703	660	6.33	cps
Cadmium	106-1	1450	1287	1390	1376	6.01	cps
Cadmium	111-1	1309	1250	1361	1307	4.24	cps
Calcium	43-1	1684704	1739749	1710491	1711648	1.61	cps
Calcium	44-1	27743434	27877083	28041931	27887483	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57817	58627	58690	58378	0.83	cps
Cobalt	59-2	5394	5328	5371	5364	0.63	cps
Copper	63-2	23048	22664	23796	23169	2.48	cps
Dysprosium	156-1	260	247	253	253	2.63	cps
Dysprosium	156-2	53	57	53	54	3.54	cps
Erbium	164-1	70	63	53	62	13.48	cps
Erbium	164-2	37	30	37	34	11.18	cps
Gadolinium	160-1	40	37	37	38	5.09	cps
Gadolinium	160-2	173	193	207	191	8.78	cps
Holmium	165-1	5598098	5981950	5978690	5852913	3.77	cps
Holmium	165-2	4466346	4532019	4390819	4463061	1.58	cps
Indium	115-1	4870430	5194854	5182501	5082595	3.62	cps
Indium	115-2	1936339	1939827	1986505	1954224	1.43	cps
Iron	56-2	237602323	241894536	240799110	240098656	0.93	cps
Iron	57-2	5979171	5942400	6022796	5981456	0.67	cps
Iron	54-2	13267105	13203666	13372714	13281162	0.64	cps
Krypton	83-1	227	210	237	224	6.00	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:43:53	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14625	16030	16080	15578	5.30	cps
Lead	207-1	11962	12226	12559	12249	2.44	cps
Lead	208-1	55424	57617	58411	57151	2.71	cps
Lithium	6-1	816399	861256	874471	850709	3.58	cps
Magnesium	24-2	23634093	23863928	23834246	23777422	0.53	cps
Manganese	55-2	16222	16579	17076	16626	2.58	cps
Molybdenum	94-1	3213347	3361340	3434847	3336511	3.38	cps
Molybdenum	95-1	5508482	5809534	5939293	5752437	3.84	cps
Molybdenum	96-1	5968059	6209825	6293821	6157235	2.75	cps
Molybdenum	97-1	3478392	3651932	3656725	3595683	2.83	cps
Molybdenum	98-1	8891566	9453198	9424373	9256379	3.42	cps
Neodymium	150-1	30	13	43	29	52.03	cps
Neodymium	150-2	20	23	13	19	26.96	cps
Nickel	60-2	6085	5945	5945	5991	1.35	cps
Phosphorus	31-2	868089	863946	873186	868407	0.53	cps
Potassium	39-2	32064880	31976281	31939935	31993699	0.20	cps
Rhodium	103-1	4873089	4953357	5001922	4942789	1.32	cps
Rhodium	103-2	3193857	3240632	3185646	3206711	0.92	cps
Scandium	45-1	3595362	3623123	3649246	3622577	0.74	cps
Scandium	45-2	337973	336923	336974	337290	0.18	cps
Selenium	82-1	357	396	376	376	5.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	363	317	347	342	6.91	cps
Silicon	28-1	464743	471296	470519	468853	0.76	cps
Silver	107-1	543	397	407	449	18.25	cps
Silver	109-1	337	367	387	363	6.93	cps
Sodium	23-2	40312487	40769712	40961813	40681337	0.82	cps
Strontium	86-1	63021	65646	66081	64916	2.55	cps
Strontium	88-1	551135	577080	582352	570189	2.93	cps
Sulfur	34-1	2590558	2592049	2529971	2570859	1.38	cps
Terbium	159-1	5940273	6098357	6004152	6014261	1.32	cps
Terbium	159-2	4514085	4497260	4523004	4511450	0.29	cps
Thallium	203-1	447	477	553	492	11.18	cps
Thallium	205-1	1107	1133	1283	1175	8.11	cps
Tin	118-1	1640	1903	2040	1861	10.93	cps
Titanium	47-1	1703916	1718771	1744639	1722442	1.20	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:43:53	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	170	187	177	178	4.72	cps
Vanadium	51-2	477	450	527	484	8.03	cps
Yttrium	89-1	9202723	9463425	9356435	9340861	1.40	cps
Yttrium	89-2	2615004	2652172	2621182	2629453	0.76	cps
Zinc	66-2	6722	6478	6541	6580	1.92	cps
Zirconium	90-1	1370	1517	1493	1460	5.40	cps
Zirconium	91-1	300	347	310	319	7.70	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:47:01	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14952972	14996074	15015629	14988225	0.21	cps
Antimony	121-1	129598	121619	131885	127701	4.22	cps
Arsenic	75-2	8676	8359	8516	8517	1.86	cps
Barium	135-1	30904	28609	32247	30586	6.01	cps
Barium	137-1	53330	50160	53761	52417	3.75	cps
Beryllium	9-1	21726	19319	22096	21047	7.16	cps
Bismuth	209-1	3371669	3768533	3494709	3544970	5.73	cps
Bismuth	209-2	2984524	2992557	3072309	3016463	1.61	cps
Bromine	81-1	6151	6188	6848	6396	6.13	cps
Bromine	81-2	300	240	247	262	12.54	cps
Cadmium	108-1	2807	2287	2800	2631	11.34	cps
Cadmium	106-1	4254	4027	4347	4210	3.91	cps
Cadmium	111-1	29852	29406	31705	30321	4.02	cps
Calcium	43-1	1921459	1791498	1987567	1900175	5.25	cps
Calcium	44-1	31146819	28705215	32095508	30649180	5.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128163	128293	127416	127957	0.37	cps
Cobalt	59-2	99876	99363	99759	99666	0.27	cps
Copper	63-2	89164	90542	90659	90122	0.92	cps
Dysprosium	156-1	270	200	250	240	15.03	cps
Dysprosium	156-2	103	70	77	83	21.16	cps
Erbium	164-1	67	70	67	68	2.84	cps
Erbium	164-2	27	47	50	41	30.69	cps
Gadolinium	160-1	43	33	47	41	16.89	cps
Gadolinium	160-2	247	223	233	234	4.99	cps
Holmium	165-1	5981054	6707373	6414661	6367696	5.74	cps
Holmium	165-2	4538386	4535660	4552397	4542147	0.20	cps
Indium	115-1	5230266	5772873	5432255	5478465	5.01	cps
Indium	115-2	1985563	1962544	1964191	1970766	0.65	cps
Iron	56-2	264919616	267009489	271618949	267849352	1.28	cps
Iron	57-2	6682281	6622984	6666395	6657220	0.46	cps
Iron	54-2	14923207	14731448	14796605	14817087	0.66	cps
Krypton	83-1	160	553	357	357	55.14	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:47:01	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	94912	90704	100236	95284	5.01	cps
Lead	207-1	80768	73500	82703	78990	6.14	cps
Lead	208-1	368738	344047	379373	364052	4.98	cps
Lithium	6-1	830401	903417	875506	869775	4.24	cps
Magnesium	24-2	26438917	26798178	26665290	26634128	0.68	cps
Manganese	55-2	63048	63309	62857	63072	0.36	cps
Molybdenum	94-1	3672280	3507995	3845183	3675153	4.59	cps
Molybdenum	95-1	6277206	6022276	6622264	6307249	4.77	cps
Molybdenum	96-1	6731546	6443384	7093381	6756104	4.82	cps
Molybdenum	97-1	3938716	3711935	4239745	3963465	6.68	cps
Molybdenum	98-1	10193780	9535352	10771632	10166921	6.08	cps
Neodymium	150-1	17	37	30	28	36.66	cps
Neodymium	150-2	10	30	23	21	48.24	cps
Nickel	60-2	30959	30391	30211	30520	1.28	cps
Phosphorus	31-2	966755	960592	959355	962234	0.41	cps
Potassium	39-2	35820107	35416951	35646521	35627860	0.57	cps
Rhodium	103-1	5150265	5678158	5356401	5394941	4.93	cps
Rhodium	103-2	3270265	3198260	3280073	3249533	1.37	cps
Scandium	45-1	3762843	4089495	3809384	3887241	4.55	cps
Scandium	45-2	348140	345598	345073	346270	0.47	cps
Selenium	82-1	2537	2319	2260	2372	6.15	cps
Selenium	77-2	210	130	210	183	25.19	cps
Selenium	78-2	1053	1017	1023	1031	1.89	cps
Silicon	28-1	483778	535443	501117	506779	5.19	cps
Silver	107-1	139573	136988	147346	141302	3.82	cps
Silver	109-1	136519	127329	138063	133971	4.33	cps
Sodium	23-2	45531694	45440063	45565634	45512464	0.14	cps
Strontium	86-1	73556	70939	74705	73067	2.64	cps
Strontium	88-1	629545	597744	666240	631176	5.43	cps
Sulfur	34-1	2866954	2598066	2770600	2745207	4.96	cps
Terbium	159-1	6396986	6820050	6433188	6550075	3.58	cps
Terbium	159-2	4540673	4544541	4568238	4551150	0.33	cps
Thallium	203-1	100282	91019	101733	97678	5.95	cps
Thallium	205-1	233834	218122	236483	229480	4.32	cps
Tin	118-1	2204	1983	2167	2118	5.57	cps
Titanium	47-1	1884585	1807624	2013145	1901785	5.46	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:47:01	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	227	193	217	212	8.06	cps
Vanadium	51-2	56686	55057	55712	55818	1.47	cps
Yttrium	89-1	9840001	10571455	10045895	10152451	3.72	cps
Yttrium	89-2	2696465	2648472	2623725	2656221	1.39	cps
Zinc	66-2	18749	17897	18425	18357	2.34	cps
Zirconium	90-1	1057	1460	1030	1182	20.38	cps
Zirconium	91-1	260	403	157	273	45.32	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:58:01	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10990447	11065564	10755455	10937156	1.48	cps
Antimony	121-1	3457925	3585783	3613727	3552478	2.34	cps
Arsenic	75-2	217013	215672	214355	215680	0.62	cps
Barium	135-1	3941439	4045522	4026784	4004582	1.39	cps
Barium	137-1	6819240	6882806	6905248	6869098	0.65	cps
Beryllium	9-1	540526	554858	552646	549343	1.40	cps
Bismuth	209-1	3381263	3484491	3447154	3437636	1.52	cps
Bismuth	209-2	2975180	2973369	2938904	2962484	0.69	cps
Bromine	81-1	5314	5524	5474	5438	2.02	cps
Bromine	81-2	40	50	80	57	36.74	cps
Cadmium	108-1	57293	59257	57681	58077	1.79	cps
Cadmium	106-1	81276	85715	83683	83558	2.66	cps
Cadmium	111-1	785429	805212	802066	797569	1.33	cps
Calcium	43-1	5077225	5163838	5111265	5117443	0.85	cps
Calcium	44-1	81937600	83564769	82447787	82650052	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1569774	1582356	1590613	1580914	0.66	cps
Cobalt	59-2	2441889	2450101	2449426	2447139	0.19	cps
Copper	63-2	17685081	17308531	17112180	17368597	1.68	cps
Dysprosium	156-1	420	407	357	394	8.46	cps
Dysprosium	156-2	357	313	347	339	6.70	cps
Erbium	164-1	160	157	160	159	1.21	cps
Erbium	164-2	87	130	103	107	20.49	cps
Gadolinium	160-1	157	203	133	164	21.67	cps
Gadolinium	160-2	317	260	313	297	10.72	cps
Holmium	165-1	6089008	6068458	6060852	6072773	0.24	cps
Holmium	165-2	4516139	4530722	4525594	4524152	0.16	cps
Indium	115-1	5302473	5349738	5190152	5280788	1.55	cps
Indium	115-2	1959278	1969068	1941746	1956697	0.71	cps
Iron	56-2	337035642	332396328	329617175	333016382	1.13	cps
Iron	57-2	8336774	8321593	8371858	8343408	0.31	cps
Iron	54-2	18580184	18255006	18560498	18465230	0.99	cps
Krypton	83-1	223	307	270	267	15.66	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:58:01	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9676432	9965557	9703442	9781810	1.63	cps
Lead	207-1	8554520	8894273	8630329	8693041	2.05	cps
Lead	208-1	38712199	40219564	39468070	39466611	1.91	cps
Lithium	6-1	845460	851404	855660	850841	0.60	cps
Magnesium	24-2	68534187	68456404	68027474	68339355	0.40	cps
Manganese	55-2	11322060	11191016	11180461	11231179	0.70	cps
Molybdenum	94-1	12755965	12914569	13162286	12944273	1.58	cps
Molybdenum	95-1	18553316	19066061	19095349	18904909	1.61	cps
Molybdenum	96-1	20184544	20816029	20756388	20585653	1.69	cps
Molybdenum	97-1	11486102	11771474	11886341	11714639	1.76	cps
Molybdenum	98-1	29824767	30270225	30543840	30212944	1.20	cps
Neodymium	150-1	180	197	180	186	5.19	cps
Neodymium	150-2	50	67	47	54	19.68	cps
Nickel	60-2	607950	607256	603442	606216	0.40	cps
Phosphorus	31-2	96985	97229	98099	97438	0.60	cps
Potassium	39-2	46550884	46128411	46340799	46340032	0.46	cps
Rhodium	103-1	5050960	5046503	5087313	5061592	0.44	cps
Rhodium	103-2	3170767	3160363	3166381	3165837	0.16	cps
Scandium	45-1	3864388	3849576	3895808	3869924	0.61	cps
Scandium	45-2	352332	349844	353768	351981	0.56	cps
Selenium	82-1	52736	53530	53740	53336	0.99	cps
Selenium	77-2	5711	5684	5404	5600	3.03	cps
Selenium	78-2	18689	18605	18729	18674	0.34	cps
Silicon	28-1	10007026	10053621	10059647	10040098	0.29	cps
Silver	107-1	3983522	4142732	4107651	4077968	2.05	cps
Silver	109-1	3903512	3863466	3900167	3889048	0.57	cps
Sodium	23-2	113132722	114468368	113868022	113823037	0.59	cps
Strontium	86-1	27598632	28163580	27876025	27879412	1.01	cps
Strontium	88-1	239934890	245209203	241999996	242381363	1.10	cps
Sulfur	34-1	491603	492292	489513	491136	0.29	cps
Terbium	159-1	6288342	6467155	6330684	6362060	1.47	cps
Terbium	159-2	4561722	4598544	4465828	4542031	1.51	cps
Thallium	203-1	2434890	2482457	2454074	2457140	0.97	cps
Thallium	205-1	5722831	5783140	5814635	5773535	0.81	cps
Tin	118-1	2528006	2620675	2612787	2587156	1.99	cps
Titanium	47-1	5434646	5529983	5532831	5499153	1.02	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 16:58:01	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7639766	7470770	7556522	7555686	1.12	cps
Vanadium	51-2	1456471	1431633	1447192	1445098	0.87	cps
Yttrium	89-1	9895835	10001848	9965837	9954507	0.54	cps
Yttrium	89-2	2648244	2672990	2595392	2638875	1.50	cps
Zinc	66-2	2921514	2907975	2857344	2895611	1.17	cps
Zirconium	90-1	5958580	6068827	6062801	6030069	1.03	cps
Zirconium	91-1	1293419	1340182	1327697	1320433	1.83	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 17:07:59	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273	300	280	284	4.88	cps
Antimony	121-1	503	557	617	559	10.15	cps
Arsenic	75-2	20	10	7	12	56.76	cps
Barium	135-1	107	70	70	82	25.75	cps
Barium	137-1	177	97	143	139	28.93	cps
Beryllium	9-1	70	60	47	59	19.85	cps
Bismuth	209-1	3437039	3561807	3474147	3490998	1.84	cps
Bismuth	209-2	3090832	3114641	3083735	3096402	0.52	cps
Bromine	81-1	5428	5498	5461	5462	0.64	cps
Bromine	81-2	110	110	110	110	0.00	cps
Cadmium	108-1	17	10	17	14	26.66	cps
Cadmium	106-1	1817	1627	1677	1707	5.77	cps
Cadmium	111-1	1297	1152	1175	1208	6.44	cps
Calcium	43-1	590	523	550	554	6.05	cps
Calcium	44-1	25699	25422	25849	25656	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	917	920	1007	948	5.38	cps
Cobalt	59-2	110	93	100	101	8.30	cps
Copper	63-2	1120	1103	1043	1089	3.70	cps
Dysprosium	156-1	193	193	233	207	11.17	cps
Dysprosium	156-2	50	23	33	36	37.90	cps
Erbium	164-1	47	33	47	42	18.24	cps
Erbium	164-2	20	33	33	29	26.64	cps
Gadolinium	160-1	40	27	7	24	68.62	cps
Gadolinium	160-2	183	153	220	186	17.99	cps
Holmium	165-1	5799651	5891496	5909702	5866949	1.01	cps
Holmium	165-2	4400655	4413618	4394193	4402822	0.22	cps
Indium	115-1	5212939	5275775	5317929	5268881	1.00	cps
Indium	115-2	1995894	2007634	2004275	2002601	0.30	cps
Iron	56-2	13516	13556	13506	13526	0.20	cps
Iron	57-2	2944	3150	3117	3070	3.61	cps
Iron	54-2	2020	1883	1873	1926	4.26	cps
Krypton	83-1	253	250	270	258	4.16	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 17:07:59	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1053	1090	1017	1053	3.48	cps
Lead	207-1	907	797	783	829	8.17	cps
Lead	208-1	4157	4074	3784	4005	4.89	cps
Lithium	6-1	806805	826331	814925	816020	1.20	cps
Magnesium	24-2	767	557	617	647	16.73	cps
Manganese	55-2	423	403	383	403	4.96	cps
Molybdenum	94-1	1240	1060	927	1076	14.62	cps
Molybdenum	95-1	233	250	287	257	10.63	cps
Molybdenum	96-1	450	430	360	413	11.43	cps
Molybdenum	97-1	150	140	137	142	4.88	cps
Molybdenum	98-1	327	347	320	331	4.19	cps
Neodymium	150-1	10	7	20	12	56.76	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	130	143	147	140	6.30	cps
Phosphorus	31-2	223	133	167	174	26.08	cps
Potassium	39-2	97060	97888	96933	97294	0.53	cps
Rhodium	103-1	5112402	5168231	5125508	5135380	0.57	cps
Rhodium	103-2	3318988	3367447	3355411	3347282	0.75	cps
Scandium	45-1	3632162	3720156	3669061	3673793	1.20	cps
Scandium	45-2	340260	338215	338338	338938	0.34	cps
Selenium	82-1	373	361	355	363	2.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	420	320	403	381	14.06	cps
Silicon	28-1	378395	379362	381072	379610	0.36	cps
Silver	107-1	143	170	133	149	12.73	cps
Silver	109-1	97	113	113	108	8.93	cps
Sodium	23-2	75537	76794	75035	75789	1.20	cps
Strontium	86-1	553	417	430	467	16.15	cps
Strontium	88-1	1097	933	830	953	14.10	cps
Sulfur	34-1	217986	216418	217712	217372	0.39	cps
Terbium	159-1	6021690	6089700	6214793	6108728	1.60	cps
Terbium	159-2	4415749	4480906	4498368	4465008	0.98	cps
Thallium	203-1	227	277	290	264	12.63	cps
Thallium	205-1	830	707	697	744	9.98	cps
Tin	118-1	1633	1650	1600	1628	1.56	cps
Titanium	47-1	230	163	237	210	19.31	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 17:07:59	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47	37	57	47	21.43	cps
Vanadium	51-2	23	20	17	20	16.65	cps
Yttrium	89-1	9422849	9482449	9612442	9505913	1.02	cps
Yttrium	89-2	2617775	2600870	2625029	2614558	0.47	cps
Zinc	66-2	717	600	650	656	8.93	cps
Zirconium	90-1	3027	2447	2254	2576	15.63	cps
Zirconium	91-1	567	563	440	523	13.79	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:11:38	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1092480	1090249	1081434	1088054	0.54	cps
Antimony	121-1	3661	3784	3997	3814	4.47	cps
Arsenic	75-2	20314	20558	20641	20504	0.83	cps
Barium	135-1	83825	84659	88053	85513	2.62	cps
Barium	137-1	144035	148503	147152	146564	1.56	cps
Beryllium	9-1	403	383	413	400	3.81	cps
Bismuth	209-1	3483242	3510943	3471546	3488577	0.58	cps
Bismuth	209-2	3062756	3115036	3178742	3118845	1.86	cps
Bromine	81-1	5998	5935	6151	6028	1.85	cps
Bromine	81-2	193	243	257	231	14.45	cps
Cadmium	108-1	100	80	90	90	11.11	cps
Cadmium	106-1	1877	1750	1640	1756	6.75	cps
Cadmium	111-1	2114	1969	2012	2032	3.66	cps
Calcium	43-1	42750	44789	44041	43860	2.35	cps
Calcium	44-1	722098	740489	749874	737487	1.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29873	30357	29846	30025	0.96	cps
Cobalt	59-2	40261	41120	40739	40706	1.06	cps
Copper	63-2	96700	96368	96576	96548	0.17	cps
Dysprosium	156-1	8239	8306	8316	8287	0.50	cps
Dysprosium	156-2	7782	7545	7619	7649	1.58	cps
Erbium	164-1	6948	7205	7082	7079	1.81	cps
Erbium	164-2	5268	5561	5404	5411	2.71	cps
Gadolinium	160-1	7862	8249	8106	8072	2.42	cps
Gadolinium	160-2	6395	6668	6438	6500	2.26	cps
Holmium	165-1	5834593	5868430	5771076	5824700	0.85	cps
Holmium	165-2	4468710	4416973	4500431	4462038	0.94	cps
Indium	115-1	5299983	5302871	5347694	5316849	0.50	cps
Indium	115-2	2012960	2008916	1950168	1990681	1.77	cps
Iron	56-2	66208097	65918246	65588196	65904846	0.47	cps
Iron	57-2	1631719	1652129	1648208	1644019	0.66	cps
Iron	54-2	3705598	3620283	3668326	3664736	1.17	cps
Krypton	83-1	327	307	277	303	8.30	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:11:38	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	150332	152764	153624	152240	1.12	cps
Lead	207-1	139040	142946	141643	141210	1.41	cps
Lead	208-1	608052	627903	628290	621415	1.86	cps
Lithium	6-1	803518	823216	825823	817519	1.49	cps
Magnesium	24-2	705192	700493	693388	699691	0.85	cps
Manganese	55-2	734983	730363	726186	730511	0.60	cps
Molybdenum	94-1	9570	9957	9850	9792	2.04	cps
Molybdenum	95-1	1077	1167	1187	1143	5.13	cps
Molybdenum	96-1	3004	3247	3260	3170	4.56	cps
Molybdenum	97-1	700	743	710	718	3.16	cps
Molybdenum	98-1	1700	1680	1713	1698	0.99	cps
Neodymium	150-1	14254	14498	14711	14488	1.58	cps
Neodymium	150-2	9397	9240	9673	9437	2.33	cps
Nickel	60-2	9143	9493	9500	9379	2.18	cps
Phosphorus	31-2	6411	6688	6675	6591	2.37	cps
Potassium	39-2	768109	768048	763512	766556	0.34	cps
Rhodium	103-1	5250745	5300502	5180968	5244072	1.15	cps
Rhodium	103-2	3336533	3384694	3327620	3349615	0.92	cps
Scandium	45-1	3746503	3823608	3886026	3818712	1.83	cps
Scandium	45-2	350862	350238	347976	349692	0.43	cps
Selenium	82-1	305	340	410	352	15.10	cps
Selenium	77-2	50	47	23	40	36.33	cps
Selenium	78-2	427	337	340	368	13.88	cps
Silicon	28-1	7386248	7548312	7588801	7507787	1.43	cps
Silver	107-1	1883	1803	1723	1803	4.44	cps
Silver	109-1	1640	1947	1647	1745	10.04	cps
Sodium	23-2	99710	102119	99774	100534	1.37	cps
Strontium	86-1	29667	29389	30154	29737	1.30	cps
Strontium	88-1	247590	256698	256905	253731	2.10	cps
Sulfur	34-1	229362	223970	222208	225180	1.66	cps
Terbium	159-1	6053179	6133544	6169409	6118711	0.97	cps
Terbium	159-2	4475010	4494970	4465847	4478609	0.33	cps
Thallium	203-1	770	827	840	812	4.58	cps
Thallium	205-1	1797	2070	1897	1921	7.20	cps
Tin	118-1	4744	5124	4898	4922	3.89	cps
Titanium	47-1	322016	330889	333732	328879	1.86	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:11:38	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3037	3084	2980	3034	1.71	cps
Vanadium	51-2	102301	102972	101885	102386	0.54	cps
Yttrium	89-1	9627667	9917566	9776798	9774011	1.48	cps
Yttrium	89-2	2700312	2688933	2744262	2711169	1.08	cps
Zinc	66-2	82510	82995	81286	82264	1.07	cps
Zirconium	90-1	24203	25342	25492	25013	2.82	cps
Zirconium	91-1	5491	5738	5664	5631	2.25	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:14:54	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1100652	1098001	1094158	1097603	0.30	cps
Antimony	121-1	3814	3761	3874	3816	1.49	cps
Arsenic	75-2	21172	21446	20511	21043	2.28	cps
Barium	135-1	88711	88194	87980	88295	0.43	cps
Barium	137-1	152256	153994	153549	153266	0.59	cps
Beryllium	9-1	400	456	367	408	11.14	cps
Bismuth	209-1	3702476	3655649	3607302	3655142	1.30	cps
Bismuth	209-2	3242426	3274518	3181468	3232804	1.46	cps
Bromine	81-1	5561	5198	5731	5497	4.96	cps
Bromine	81-2	137	137	153	142	6.77	cps
Cadmium	108-1	70	90	90	83	13.86	cps
Cadmium	106-1	1920	1793	1700	1805	6.12	cps
Cadmium	111-1	2188	2102	1987	2093	4.83	cps
Calcium	43-1	45652	44970	44826	45149	0.98	cps
Calcium	44-1	752351	754427	749761	752180	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30701	31042	30173	30639	1.43	cps
Cobalt	59-2	42517	41731	41651	41966	1.14	cps
Copper	63-2	100347	99314	97797	99153	1.29	cps
Dysprosium	156-1	8943	8890	9066	8966	1.01	cps
Dysprosium	156-2	7826	7856	7742	7808	0.75	cps
Erbium	164-1	7635	7812	7509	7652	1.99	cps
Erbium	164-2	5765	5384	5451	5533	3.67	cps
Gadolinium	160-1	8389	8413	8473	8425	0.51	cps
Gadolinium	160-2	6665	6518	6632	6605	1.16	cps
Holmium	165-1	6286882	6118251	6113275	6172803	1.60	cps
Holmium	165-2	4636579	4616201	4596204	4616328	0.44	cps
Indium	115-1	5532699	5587011	5552405	5557372	0.49	cps
Indium	115-2	2080415	2057827	2059135	2065792	0.61	cps
Iron	56-2	67270256	66659201	65565132	66498196	1.30	cps
Iron	57-2	1671644	1673549	1619761	1654985	1.84	cps
Iron	54-2	3724599	3689624	3662180	3692134	0.85	cps
Krypton	83-1	263	267	283	271	3.95	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:14:54	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	159372	159454	157835	158887	0.57	cps
Lead	207-1	148045	146052	145679	146592	0.87	cps
Lead	208-1	649550	650856	643188	647864	0.63	cps
Lithium	6-1	873209	861314	871012	868511	0.73	cps
Magnesium	24-2	719558	712934	708206	713566	0.80	cps
Manganese	55-2	750427	743938	741559	745308	0.62	cps
Molybdenum	94-1	8626	8516	8466	8536	0.96	cps
Molybdenum	95-1	1233	1247	1267	1249	1.34	cps
Molybdenum	96-1	3040	3074	3044	3053	0.60	cps
Molybdenum	97-1	747	587	723	686	12.61	cps
Molybdenum	98-1	1850	1760	1860	1823	3.02	cps
Neodymium	150-1	14771	15265	15362	15133	2.09	cps
Neodymium	150-2	9287	9683	9407	9459	2.15	cps
Nickel	60-2	9693	9520	9563	9592	0.94	cps
Phosphorus	31-2	6501	6802	6348	6550	3.52	cps
Potassium	39-2	780294	781519	779423	780412	0.13	cps
Rhodium	103-1	5437757	5537272	5469970	5481666	0.93	cps
Rhodium	103-2	3489665	3442417	3453172	3461751	0.72	cps
Scandium	45-1	3933155	3887245	3933968	3918123	0.68	cps
Scandium	45-2	354325	356854	355140	355440	0.36	cps
Selenium	82-1	353	363	408	375	7.86	cps
Selenium	77-2	60	47	23	43	42.83	cps
Selenium	78-2	403	387	340	377	8.72	cps
Silicon	28-1	7552524	7636156	7634356	7607679	0.63	cps
Silver	107-1	1817	1930	1927	1891	3.41	cps
Silver	109-1	1727	1907	1740	1791	5.60	cps
Sodium	23-2	96319	98026	96996	97114	0.89	cps
Strontium	86-1	30498	30943	30752	30731	0.73	cps
Strontium	88-1	260373	262988	259157	260839	0.75	cps
Sulfur	34-1	221431	222692	219510	221211	0.72	cps
Terbium	159-1	6426785	6388255	6446050	6420363	0.46	cps
Terbium	159-2	4592272	4541161	4636886	4590106	1.04	cps
Thallium	203-1	737	907	850	831	10.42	cps
Thallium	205-1	1830	1803	1903	1846	2.81	cps
Tin	118-1	4401	4607	4741	4583	3.74	cps
Titanium	47-1	331410	336880	338337	335542	1.09	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:14:54	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3150	3010	3200	3120	3.16	cps
Vanadium	51-2	103146	105398	103519	104021	1.16	cps
Yttrium	89-1	10232553	10299294	10151973	10227940	0.72	cps
Yttrium	89-2	2767265	2730063	2762570	2753299	0.74	cps
Zinc	66-2	84400	84534	83673	84202	0.55	cps
Zirconium	90-1	22184	21506	21856	21849	1.55	cps
Zirconium	91-1	4751	4911	4787	4816	1.74	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:18:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	204938	205645	203235	204606	0.61	cps
Antimony	121-1	870	947	833	883	6.55	cps
Arsenic	75-2	3997	4127	3954	4026	2.24	cps
Barium	135-1	16343	16747	16496	16529	1.23	cps
Barium	137-1	28271	28689	28829	28597	1.01	cps
Beryllium	9-1	164	77	84	108	44.53	cps
Bismuth	209-1	3644764	3585033	3572775	3600858	1.07	cps
Bismuth	209-2	3152498	3206109	3154059	3170889	0.96	cps
Bromine	81-1	5118	5021	5234	5124	2.09	cps
Bromine	81-2	43	57	57	52	14.75	cps
Cadmium	108-1	33	27	37	32	15.80	cps
Cadmium	106-1	1810	1687	1477	1658	10.17	cps
Cadmium	111-1	1417	1409	1225	1350	8.05	cps
Calcium	43-1	8569	8769	8753	8697	1.28	cps
Calcium	44-1	160792	161782	162214	161596	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6268	6498	6201	6322	2.46	cps
Cobalt	59-2	8212	7832	7912	7986	2.51	cps
Copper	63-2	19393	19686	19403	19494	0.86	cps
Dysprosium	156-1	1870	1920	1750	1847	4.73	cps
Dysprosium	156-2	1497	1493	1570	1520	2.85	cps
Erbium	164-1	1460	1537	1503	1500	2.56	cps
Erbium	164-2	1050	1057	920	1009	7.64	cps
Gadolinium	160-1	1603	1510	1570	1561	3.03	cps
Gadolinium	160-2	1450	1450	1570	1490	4.65	cps
Holmium	165-1	6032181	6009897	6051740	6031273	0.35	cps
Holmium	165-2	4531084	4513737	4414171	4486331	1.41	cps
Indium	115-1	5451373	5463641	5466829	5460614	0.15	cps
Indium	115-2	2046597	2018310	1990487	2018465	1.39	cps
Iron	56-2	12487656	12505628	12392984	12462090	0.49	cps
Iron	57-2	326470	322674	324436	324527	0.59	cps
Iron	54-2	728213	720225	722592	723677	0.57	cps
Krypton	83-1	307	297	273	292	5.85	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:18:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	29906	30742	29963	30204	1.55	cps
Lead	207-1	27852	28634	28032	28173	1.45	cps
Lead	208-1	123694	124343	123017	123685	0.54	cps
Lithium	6-1	843655	869419	848345	853806	1.61	cps
Magnesium	24-2	132607	130973	131285	131621	0.66	cps
Manganese	55-2	139429	139440	138174	139014	0.52	cps
Molybdenum	94-1	1670	1760	1847	1759	5.02	cps
Molybdenum	95-1	333	357	350	347	3.47	cps
Molybdenum	96-1	703	737	713	718	2.38	cps
Molybdenum	97-1	197	197	220	204	6.59	cps
Molybdenum	98-1	470	417	430	439	6.32	cps
Neodymium	150-1	2844	3097	2817	2919	5.29	cps
Neodymium	150-2	1767	1780	1617	1721	5.27	cps
Nickel	60-2	3210	3314	3290	3272	1.66	cps
Phosphorus	31-2	1430	1340	1437	1402	3.85	cps
Potassium	39-2	222357	222880	221555	222264	0.30	cps
Rhodium	103-1	5300450	5382929	5310749	5331376	0.84	cps
Rhodium	103-2	3395800	3336971	3316479	3349750	1.23	cps
Scandium	45-1	3824210	3780711	3827055	3810659	0.68	cps
Scandium	45-2	347878	346889	341734	345500	0.95	cps
Selenium	82-1	298	310	356	321	9.58	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	393	337	427	386	11.80	cps
Silicon	28-1	1840736	1796834	1809699	1815756	1.24	cps
Silver	107-1	420	447	410	426	4.45	cps
Silver	109-1	450	397	397	414	7.43	cps
Sodium	23-2	72627	72674	71810	72370	0.67	cps
Strontium	86-1	6205	5845	6161	6070	3.24	cps
Strontium	88-1	48684	49259	48145	48696	1.14	cps
Sulfur	34-1	214690	213935	210746	213124	0.98	cps
Terbium	159-1	6245700	6329689	6250093	6275161	0.75	cps
Terbium	159-2	4555732	4487816	4484849	4509466	0.89	cps
Thallium	203-1	397	390	400	396	1.29	cps
Thallium	205-1	1007	1070	937	1004	6.64	cps
Tin	118-1	1557	1780	1900	1746	9.98	cps
Titanium	47-1	62247	64032	63165	63148	1.41	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:18:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	557	540	553	550	1.60	cps
Vanadium	51-2	19142	18965	19292	19133	0.86	cps
Yttrium	89-1	9898118	10057421	9852325	9935955	1.08	cps
Yttrium	89-2	2705268	2662948	2681630	2683282	0.79	cps
Zinc	66-2	16606	16426	17283	16772	2.70	cps
Zirconium	90-1	4514	4604	4527	4549	1.07	cps
Zirconium	91-1	1103	1047	943	1031	7.87	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:21:30	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1153700	1171786	1168693	1164726	0.83	cps
Antimony	121-1	111857	111804	113036	112233	0.62	cps
Arsenic	75-2	24921	25252	24807	24993	0.92	cps
Barium	135-1	593772	597501	598726	596667	0.43	cps
Barium	137-1	1018445	1033528	1036150	1029374	0.93	cps
Beryllium	9-1	9490	9269	9690	9483	2.22	cps
Bismuth	209-1	3622245	3534773	3558769	3571929	1.27	cps
Bismuth	209-2	3165568	3078677	3127482	3123909	1.39	cps
Bromine	81-1	5324	5421	5428	5391	1.07	cps
Bromine	81-2	140	150	140	143	4.03	cps
Cadmium	108-1	1000	980	1077	1019	5.01	cps
Cadmium	106-1	2750	2870	2980	2867	4.01	cps
Cadmium	111-1	15082	15393	15256	15244	1.02	cps
Calcium	43-1	43907	44609	44779	44432	1.04	cps
Calcium	44-1	740275	757297	753018	750197	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145202	144337	144895	144811	0.30	cps
Cobalt	59-2	466646	464152	467684	466161	0.39	cps
Copper	63-2	245422	243290	244447	244386	0.44	cps
Dysprosium	156-1	8896	8629	8863	8796	1.65	cps
Dysprosium	156-2	8062	8273	7926	8087	2.16	cps
Erbium	164-1	7402	7649	7956	7669	3.62	cps
Erbium	164-2	5504	5484	5538	5509	0.49	cps
Gadolinium	160-1	8359	8323	8693	8458	2.41	cps
Gadolinium	160-2	6535	6495	6552	6527	0.45	cps
Holmium	165-1	6046326	5892335	5908939	5949200	1.42	cps
Holmium	165-2	4526890	4429307	4428125	4461441	1.27	cps
Indium	115-1	5503180	5387957	5436926	5442688	1.06	cps
Indium	115-2	2033246	2011768	2009994	2018336	0.64	cps
Iron	56-2	69720697	68518362	68440829	68893296	1.04	cps
Iron	57-2	1743767	1696292	1724124	1721394	1.39	cps
Iron	54-2	3830207	3808681	3837829	3825572	0.40	cps
Krypton	83-1	193	243	207	214	12.07	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:21:30	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	171349	175167	173256	173257	1.10	cps
Lead	207-1	158591	161423	161127	160381	0.97	cps
Lead	208-1	701129	708404	707415	705649	0.56	cps
Lithium	6-1	836678	826960	821212	828283	0.94	cps
Magnesium	24-2	727924	720898	721562	723462	0.54	cps
Manganese	55-2	960124	955593	953184	956300	0.37	cps
Molybdenum	94-1	8443	8479	8416	8446	0.38	cps
Molybdenum	95-1	1137	1323	1220	1227	7.62	cps
Molybdenum	96-1	3100	2804	3107	3004	5.77	cps
Molybdenum	97-1	823	720	723	756	7.77	cps
Molybdenum	98-1	1757	1797	1790	1781	1.20	cps
Neodymium	150-1	15519	15382	15756	15552	1.22	cps
Neodymium	150-2	10124	9410	9440	9658	4.18	cps
Nickel	60-2	118265	117254	118053	117858	0.45	cps
Phosphorus	31-2	6792	6825	6662	6759	1.28	cps
Potassium	39-2	800863	793886	793485	796078	0.52	cps
Rhodium	103-1	5308748	5437441	5266290	5337493	1.67	cps
Rhodium	103-2	3413134	3327813	3351937	3364295	1.31	cps
Scandium	45-1	3763852	3792553	3771700	3776035	0.39	cps
Scandium	45-2	359776	352008	350230	354005	1.43	cps
Selenium	82-1	2350	2441	2323	2371	2.60	cps
Selenium	77-2	250	260	270	260	3.85	cps
Selenium	78-2	1140	1013	1087	1080	5.89	cps
Silicon	28-1	7463640	7604693	7563777	7544037	0.96	cps
Silver	107-1	62062	62902	63478	62814	1.13	cps
Silver	109-1	59435	60164	59666	59755	0.62	cps
Sodium	23-2	95148	95098	94648	94965	0.29	cps
Strontium	86-1	30635	30508	30001	30381	1.11	cps
Strontium	88-1	257963	261595	258239	259266	0.78	cps
Sulfur	34-1	215257	213537	212959	213918	0.56	cps
Terbium	159-1	6341969	6356578	6149204	6282584	1.84	cps
Terbium	159-2	4503757	4435503	4432348	4457203	0.91	cps
Thallium	203-1	37826	38478	38752	38352	1.24	cps
Thallium	205-1	92280	91592	91468	91780	0.48	cps
Tin	118-1	4611	4661	4808	4693	2.18	cps
Titanium	47-1	330010	335526	334404	333313	0.87	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:21:30	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3284	3210	3087	3194	3.11	cps
Vanadium	51-2	355826	354517	355131	355158	0.18	cps
Yttrium	89-1	9945540	10007520	9772413	9908491	1.23	cps
Yttrium	89-2	2729428	2722140	2709523	2720364	0.37	cps
Zinc	66-2	137638	135502	137281	136807	0.84	cps
Zirconium	90-1	21132	21135	21072	21113	0.17	cps
Zirconium	91-1	4771	4921	4821	4838	1.58	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:24:48	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1366090	1333980	1352043	1350704	1.19	cps
Antimony	121-1	493667	505695	503027	500796	1.26	cps
Arsenic	75-2	35816	35165	35669	35550	0.96	cps
Barium	135-1	2435601	2557795	2543166	2512187	2.66	cps
Barium	137-1	4253006	4358489	4354307	4321934	1.38	cps
Beryllium	9-1	41399	40773	41138	41103	0.76	cps
Bismuth	209-1	3589133	3578582	3576063	3581259	0.19	cps
Bismuth	209-2	3252166	3099344	3137034	3162848	2.52	cps
Bromine	81-1	5521	5084	5681	5429	5.69	cps
Bromine	81-2	133	170	170	158	13.41	cps
Cadmium	108-1	4104	4081	4211	4132	1.68	cps
Cadmium	106-1	7242	7052	7512	7269	3.18	cps
Cadmium	111-1	61648	64363	64119	63377	2.37	cps
Calcium	43-1	44288	45328	45508	45041	1.46	cps
Calcium	44-1	742991	761774	757883	754216	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	539525	549804	556192	548507	1.53	cps
Cobalt	59-2	2010896	1922207	1959487	1964197	2.27	cps
Copper	63-2	747473	758165	767303	757647	1.31	cps
Dysprosium	156-1	8960	8963	8960	8961	0.02	cps
Dysprosium	156-2	8162	7792	7842	7932	2.53	cps
Erbium	164-1	7355	7525	7599	7493	1.67	cps
Erbium	164-2	5711	5571	5728	5670	1.52	cps
Gadolinium	160-1	8629	8436	8383	8483	1.53	cps
Gadolinium	160-2	6658	6735	6568	6654	1.25	cps
Holmium	165-1	6016778	6083251	6042704	6047578	0.55	cps
Holmium	165-2	4636160	4479557	4522430	4546049	1.78	cps
Indium	115-1	5381555	5437265	5373643	5397487	0.64	cps
Indium	115-2	2107203	2014318	2047761	2056427	2.29	cps
Iron	56-2	71427254	70839444	70044487	70770395	0.98	cps
Iron	57-2	1776354	1754650	1705213	1745406	2.09	cps
Iron	54-2	3952672	3999878	3980558	3977703	0.60	cps
Krypton	83-1	253	233	243	243	4.11	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:24:48	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	219009	219634	220530	219724	0.35	cps
Lead	207-1	197343	200746	199974	199354	0.89	cps
Lead	208-1	881382	891062	894867	889104	0.78	cps
Lithium	6-1	826261	817350	809220	817611	1.04	cps
Magnesium	24-2	726677	740498	730615	732596	0.97	cps
Manganese	55-2	1638462	1647142	1676282	1653962	1.20	cps
Molybdenum	94-1	8516	8409	8826	8584	2.52	cps
Molybdenum	95-1	1247	1237	1337	1273	4.33	cps
Molybdenum	96-1	2930	3287	3144	3120	5.75	cps
Molybdenum	97-1	810	817	777	801	2.68	cps
Molybdenum	98-1	1947	1890	2064	1967	4.49	cps
Neodymium	150-1	15172	16053	15762	15662	2.87	cps
Neodymium	150-2	9427	10307	9954	9896	4.48	cps
Nickel	60-2	503294	494374	491410	496359	1.25	cps
Phosphorus	31-2	7022	6558	6591	6724	3.85	cps
Potassium	39-2	795525	805353	794279	798385	0.76	cps
Rhodium	103-1	5270395	5374963	5292941	5312766	1.04	cps
Rhodium	103-2	3524036	3378342	3367131	3423170	2.56	cps
Scandium	45-1	3818395	3837495	3872559	3842816	0.71	cps
Scandium	45-2	358698	356664	357418	357593	0.29	cps
Selenium	82-1	9508	9551	9604	9555	0.51	cps
Selenium	77-2	1030	1033	1150	1071	6.38	cps
Selenium	78-2	3534	3360	3624	3506	3.82	cps
Silicon	28-1	7519821	7710509	7609946	7613425	1.25	cps
Silver	107-1	270590	272137	275368	272698	0.89	cps
Silver	109-1	255079	257651	258957	257229	0.77	cps
Sodium	23-2	95293	95447	95511	95417	0.12	cps
Strontium	86-1	30261	30281	30886	30476	1.16	cps
Strontium	88-1	258017	261951	263452	261140	1.07	cps
Sulfur	34-1	208522	207881	208334	208245	0.16	cps
Terbium	159-1	6278785	6395446	6288962	6321064	1.02	cps
Terbium	159-2	4597886	4516995	4395226	4503369	2.27	cps
Thallium	203-1	173976	177515	177008	176166	1.09	cps
Thallium	205-1	408931	416098	417153	414061	1.08	cps
Tin	118-1	4667	4507	4541	4572	1.85	cps
Titanium	47-1	333776	339828	337690	337098	0.91	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4303-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:24:48	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3427	3254	3330	3337	2.60	cps
Vanadium	51-2	1258950	1230446	1222006	1237134	1.56	cps
Yttrium	89-1	10019242	10111707	9912561	10014503	1.00	cps
Yttrium	89-2	2777404	2717837	2704828	2733356	1.42	cps
Zinc	66-2	314714	311470	309716	311967	0.81	cps
Zirconium	90-1	21486	22354	21830	21890	2.00	cps
Zirconium	91-1	4731	4998	4787	4839	2.90	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:27:57	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1605874	1590539	1603744	1600052	0.52	cps
Antimony	121-1	5935	5911	5981	5942	0.60	cps
Arsenic	75-2	34102	34467	33859	34143	0.90	cps
Barium	135-1	139761	142228	146333	142774	2.33	cps
Barium	137-1	238251	253609	246271	246044	3.12	cps
Beryllium	9-1	434	407	420	420	3.19	cps
Bismuth	209-1	3559622	3515833	3480058	3518504	1.13	cps
Bismuth	209-2	3124693	3129771	3190271	3148245	1.16	cps
Bromine	81-1	5895	5204	5528	5542	6.23	cps
Bromine	81-2	160	163	150	158	4.40	cps
Cadmium	108-1	67	140	97	101	36.46	cps
Cadmium	106-1	1860	1843	1773	1826	2.52	cps
Cadmium	111-1	2422	2382	2384	2396	0.94	cps
Calcium	43-1	83384	80972	81695	82017	1.51	cps
Calcium	44-1	1236404	1267605	1280485	1261498	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39365	39662	39358	39462	0.44	cps
Cobalt	59-2	45706	44369	44720	44932	1.54	cps
Copper	63-2	139345	138000	139692	139012	0.64	cps
Dysprosium	156-1	11141	11485	11425	11350	1.62	cps
Dysprosium	156-2	9733	9803	9580	9706	1.18	cps
Erbium	164-1	8743	8860	9283	8962	3.17	cps
Erbium	164-2	6975	6882	6785	6881	1.38	cps
Gadolinium	160-1	10311	10724	10311	10448	2.29	cps
Gadolinium	160-2	8066	8369	8346	8260	2.04	cps
Holmium	165-1	5949429	5873520	6133482	5985477	2.23	cps
Holmium	165-2	4546983	4489775	4550662	4529140	0.75	cps
Indium	115-1	5389292	5205170	5636488	5410317	4.00	cps
Indium	115-2	1998376	2008693	2052763	2019944	1.43	cps
Iron	56-2	72139199	71569846	73380122	72363056	1.28	cps
Iron	57-2	1781898	1810286	1819786	1803990	1.09	cps
Iron	54-2	4072383	4021131	4002677	4032064	0.90	cps
Krypton	83-1	293	277	357	309	13.67	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:27:57	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	200972	201114	203422	201836	0.68	cps
Lead	207-1	185339	197886	194477	192568	3.37	cps
Lead	208-1	842126	841939	837100	840388	0.34	cps
Lithium	6-1	812616	801277	806836	806910	0.70	cps
Magnesium	24-2	983064	967249	978140	976151	0.83	cps
Manganese	55-2	1276867	1262761	1265615	1268414	0.59	cps
Molybdenum	94-1	9763	9533	9356	9551	2.14	cps
Molybdenum	95-1	1290	1320	1400	1337	4.25	cps
Molybdenum	96-1	3157	3354	3374	3295	3.64	cps
Molybdenum	97-1	810	747	883	813	8.41	cps
Molybdenum	98-1	1893	2074	2000	1989	4.55	cps
Neodymium	150-1	19230	18773	18779	18927	1.38	cps
Neodymium	150-2	11968	11498	11585	11684	2.14	cps
Nickel	60-2	12746	12575	12532	12618	0.89	cps
Phosphorus	31-2	6672	6668	6658	6666	0.10	cps
Potassium	39-2	1025291	1021624	1026730	1024548	0.26	cps
Rhodium	103-1	5277378	5449003	5443038	5389806	1.81	cps
Rhodium	103-2	3408099	3357762	3406958	3390940	0.85	cps
Scandium	45-1	3795355	3765240	3814709	3791768	0.66	cps
Scandium	45-2	351701	352135	352176	352004	0.07	cps
Selenium	82-1	439	473	326	413	18.61	cps
Selenium	77-2	90	37	70	66	41.10	cps
Selenium	78-2	433	457	413	434	4.99	cps
Silicon	28-1	6360711	6496977	6899003	6585564	4.25	cps
Silver	107-1	2804	2714	2570	2696	4.37	cps
Silver	109-1	2520	2617	2400	2512	4.32	cps
Sodium	23-2	95252	93967	95366	94862	0.82	cps
Strontium	86-1	44547	47446	48028	46674	3.99	cps
Strontium	88-1	406606	396901	397573	400360	1.35	cps
Sulfur	34-1	227697	234384	229290	230457	1.52	cps
Terbium	159-1	6087785	6504259	6267556	6286533	3.32	cps
Terbium	159-2	4496566	4507963	4502631	4502387	0.13	cps
Thallium	203-1	720	740	740	733	1.57	cps
Thallium	205-1	1757	1777	1717	1750	1.75	cps
Tin	118-1	3500	3731	3751	3661	3.80	cps
Titanium	47-1	324099	341919	352044	339354	4.17	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:27:57	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3621	3487	3647	3585	2.39	cps
Vanadium	51-2	119069	118554	118706	118776	0.22	cps
Yttrium	89-1	10015215	9951458	9838127	9934933	0.90	cps
Yttrium	89-2	2729949	2713908	2715685	2719847	0.32	cps
Zinc	66-2	125213	125090	124914	125072	0.12	cps
Zirconium	90-1	23419	23693	24043	23718	1.32	cps
Zirconium	91-1	5061	5611	5234	5302	5.31	cps

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On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:31:14	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1564095	1543186	1546362	1551214	0.73	cps
Antimony	121-1	5791	5931	6038	5920	2.09	cps
Arsenic	75-2	35937	36328	35963	36076	0.61	cps
Barium	135-1	147741	148451	148051	148081	0.24	cps
Barium	137-1	245760	246919	248270	246983	0.51	cps
Beryllium	9-1	417	504	507	476	10.72	cps
Bismuth	209-1	3661726	3635170	3442201	3579699	3.35	cps
Bismuth	209-2	3142695	3176577	3140489	3153254	0.64	cps
Bromine	81-1	5334	5354	5578	5422	2.49	cps
Bromine	81-2	163	157	127	149	13.12	cps
Cadmium	108-1	120	120	90	110	15.75	cps
Cadmium	106-1	1920	1710	1667	1766	7.67	cps
Cadmium	111-1	2537	2436	2390	2455	3.05	cps
Calcium	43-1	82194	83391	83669	83085	0.94	cps
Calcium	44-1	1357994	1396416	1299848	1351419	3.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39391	39167	38977	39179	0.53	cps
Cobalt	59-2	46274	46234	45335	45948	1.16	cps
Copper	63-2	138073	136765	136492	137110	0.62	cps
Dysprosium	156-1	10804	11064	11928	11266	5.22	cps
Dysprosium	156-2	9777	9897	10367	10014	3.12	cps
Erbium	164-1	9240	9747	9166	9384	3.37	cps
Erbium	164-2	6905	6812	6895	6871	0.75	cps
Gadolinium	160-1	10227	10791	10918	10645	3.45	cps
Gadolinium	160-2	8353	8403	8439	8398	0.52	cps
Holmium	165-1	6283813	6204816	6191701	6226776	0.80	cps
Holmium	165-2	4475001	4552664	4567628	4531764	1.10	cps
Indium	115-1	5620625	5509834	5645963	5592141	1.29	cps
Indium	115-2	2035077	2061155	2029010	2041747	0.84	cps
Iron	56-2	72494797	71770607	73148349	72471251	0.95	cps
Iron	57-2	1804754	1809726	1820529	1811669	0.45	cps
Iron	54-2	4088189	4050142	4038884	4059072	0.64	cps
Krypton	83-1	213	247	287	249	14.75	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:31:14	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	218343	219328	214875	217515	1.08	cps
Lead	207-1	195843	195503	200179	197175	1.32	cps
Lead	208-1	863046	869620	870799	867822	0.48	cps
Lithium	6-1	866836	859160	820925	848974	2.90	cps
Magnesium	24-2	997995	991883	995756	995211	0.31	cps
Manganese	55-2	1300753	1297595	1287703	1295350	0.53	cps
Molybdenum	94-1	9533	9246	9697	9492	2.40	cps
Molybdenum	95-1	1277	1237	1253	1256	1.60	cps
Molybdenum	96-1	3257	3244	3137	3213	2.05	cps
Molybdenum	97-1	870	773	840	828	5.98	cps
Molybdenum	98-1	2080	2020	2047	2049	1.47	cps
Neodymium	150-1	19230	19126	19250	19202	0.34	cps
Neodymium	150-2	12219	12406	12255	12293	0.81	cps
Nickel	60-2	12846	13433	12552	12943	3.46	cps
Phosphorus	31-2	6892	6805	6728	6808	1.20	cps
Potassium	39-2	1047174	1043031	1040240	1043482	0.33	cps
Rhodium	103-1	5188793	5272448	5424300	5295180	2.25	cps
Rhodium	103-2	3350955	3379816	3416994	3382588	0.98	cps
Scandium	45-1	4089650	3977117	3868102	3978290	2.78	cps
Scandium	45-2	358510	354056	358652	357073	0.73	cps
Selenium	82-1	482	464	463	470	2.24	cps
Selenium	77-2	53	47	47	49	7.86	cps
Selenium	78-2	380	397	470	416	11.52	cps
Silicon	28-1	6592954	6606726	6831877	6677185	2.01	cps
Silver	107-1	2517	2734	2477	2576	5.36	cps
Silver	109-1	2264	2374	2417	2351	3.36	cps
Sodium	23-2	94411	93844	93575	93943	0.45	cps
Strontium	86-1	46353	47262	48436	47351	2.21	cps
Strontium	88-1	399357	403688	402781	401942	0.57	cps
Sulfur	34-1	230623	226646	228519	228596	0.87	cps
Terbium	159-1	6174497	6123630	6407294	6235141	2.43	cps
Terbium	159-2	4606205	4573439	4549648	4576431	0.62	cps
Thallium	203-1	760	683	720	721	5.32	cps
Thallium	205-1	1607	1580	1630	1606	1.56	cps
Tin	118-1	3580	3640	3514	3578	1.77	cps
Titanium	47-1	339217	342807	355138	345720	2.42	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:31:14	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3677	3667	3581	3642	1.46	cps
Vanadium	51-2	125500	123679	123259	124146	0.96	cps
Yttrium	89-1	10189809	10023448	9790427	10001228	2.01	cps
Yttrium	89-2	2742632	2738622	2729949	2737068	0.24	cps
Zinc	66-2	127849	126356	125281	126495	1.02	cps
Zirconium	90-1	24928	24861	25469	25086	1.33	cps
Zirconium	91-1	5328	5421	5178	5309	2.31	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:37:48	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1576690	1568010	1536927	1560543	1.34	cps
Antimony	121-1	121945	126995	123494	124145	2.08	cps
Arsenic	75-2	37170	37387	36939	37165	0.60	cps
Barium	135-1	698428	695592	722204	705408	2.07	cps
Barium	137-1	1161312	1210140	1206129	1192527	2.27	cps
Beryllium	9-1	10190	10227	10247	10221	0.28	cps
Bismuth	209-1	3649280	3516520	3519767	3561856	2.13	cps
Bismuth	209-2	3052475	3148876	3128356	3109902	1.63	cps
Bromine	81-1	5898	5858	5738	5831	1.43	cps
Bromine	81-2	157	170	130	152	13.38	cps
Cadmium	108-1	1050	1057	1190	1099	7.19	cps
Cadmium	106-1	3117	3234	2907	3086	5.37	cps
Cadmium	111-1	17075	16822	16717	16871	1.09	cps
Calcium	43-1	80666	83689	80790	81715	2.09	cps
Calcium	44-1	1290348	1284355	1302299	1292334	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165069	161920	162951	163313	0.98	cps
Cobalt	59-2	508678	505076	503614	505789	0.52	cps
Copper	63-2	298232	294947	293845	295675	0.77	cps
Dysprosium	156-1	10711	10974	11445	11043	3.37	cps
Dysprosium	156-2	9740	9857	9493	9697	1.91	cps
Erbium	164-1	9216	8963	9307	9162	1.94	cps
Erbium	164-2	6748	6645	6915	6769	2.01	cps
Gadolinium	160-1	10321	11138	10481	10646	4.07	cps
Gadolinium	160-2	8293	8076	8259	8209	1.42	cps
Holmium	165-1	6049223	5878476	6335969	6087890	3.80	cps
Holmium	165-2	4489298	4468158	4486477	4481311	0.26	cps
Indium	115-1	5494561	5396837	5662242	5517880	2.43	cps
Indium	115-2	1997464	2031554	2009839	2012952	0.86	cps
Iron	56-2	72640042	72286957	72165902	72364301	0.34	cps
Iron	57-2	1819456	1762628	1800270	1794118	1.61	cps
Iron	54-2	4062997	4020522	4033134	4038884	0.54	cps
Krypton	83-1	307	320	253	293	12.03	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:37:48	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	216911	214411	221866	217729	1.74	cps
Lead	207-1	194418	201925	201345	199229	2.10	cps
Lead	208-1	877026	894753	883489	885089	1.01	cps
Lithium	6-1	861809	817853	833988	837883	2.65	cps
Magnesium	24-2	973001	970172	968742	970638	0.22	cps
Manganese	55-2	1475936	1461095	1448937	1461989	0.92	cps
Molybdenum	94-1	9280	9637	9520	9479	1.92	cps
Molybdenum	95-1	1263	1183	1293	1247	4.56	cps
Molybdenum	96-1	2950	3350	3330	3210	7.02	cps
Molybdenum	97-1	887	870	783	847	6.55	cps
Molybdenum	98-1	2070	2007	2057	2045	1.63	cps
Neodymium	150-1	19130	19494	18960	19194	1.42	cps
Neodymium	150-2	11485	11792	11922	11733	1.91	cps
Nickel	60-2	130274	130617	131007	130633	0.28	cps
Phosphorus	31-2	6735	6805	6488	6676	2.49	cps
Potassium	39-2	1026062	1015360	1008557	1016660	0.87	cps
Rhodium	103-1	5349611	5211128	5399912	5320217	1.84	cps
Rhodium	103-2	3333006	3387957	3355235	3358733	0.82	cps
Scandium	45-1	3896074	3874114	3983395	3917861	1.48	cps
Scandium	45-2	356272	352360	351757	353463	0.69	cps
Selenium	82-1	2424	2579	2522	2509	3.12	cps
Selenium	77-2	277	253	230	253	9.21	cps
Selenium	78-2	1077	1200	1190	1156	5.93	cps
Silicon	28-1	6402253	6490244	6832663	6575054	3.46	cps
Silver	107-1	67088	67376	67184	67216	0.22	cps
Silver	109-1	60509	65280	63224	63004	3.80	cps
Sodium	23-2	89327	89099	88077	88834	0.75	cps
Strontium	86-1	44728	45744	47029	45834	2.52	cps
Strontium	88-1	391875	409890	393454	398406	2.50	cps
Sulfur	34-1	238087	233977	227989	233351	2.18	cps
Terbium	159-1	6214455	6295064	6253529	6254349	0.64	cps
Terbium	159-2	4467480	4434489	4393724	4431898	0.83	cps
Thallium	203-1	40243	42239	42352	41611	2.85	cps
Thallium	205-1	97950	100303	95895	98049	2.25	cps
Tin	118-1	3300	3661	3764	3575	6.81	cps
Titanium	47-1	326687	331733	346292	334904	3.04	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:37:48	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3460	3681	3377	3506	4.47	cps
Vanadium	51-2	395592	394589	393001	394394	0.33	cps
Yttrium	89-1	10366507	10043809	9986556	10132291	2.02	cps
Yttrium	89-2	2731074	2713664	2657682	2700807	1.42	cps
Zinc	66-2	175725	175610	174962	175432	0.23	cps
Zirconium	90-1	23135	22992	23612	23246	1.40	cps
Zirconium	91-1	5264	5234	5421	5307	1.89	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:41:01	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1671705	1658200	1699296	1676400	1.25	cps
Antimony	121-1	488388	489752	490216	489452	0.19	cps
Arsenic	75-2	46753	46449	46268	46490	0.53	cps
Barium	135-1	2421823	2456145	2492737	2456901	1.44	cps
Barium	137-1	4195907	4256894	4207920	4220240	0.77	cps
Beryllium	9-1	38558	38922	38217	38566	0.91	cps
Bismuth	209-1	3533337	3501348	3485053	3506579	0.70	cps
Bismuth	209-2	3079510	3045337	3092934	3072593	0.80	cps
Bromine	81-1	5755	5524	5384	5554	3.36	cps
Bromine	81-2	207	207	177	197	8.81	cps
Cadmium	108-1	3987	3937	3921	3948	0.88	cps
Cadmium	106-1	7255	7279	7108	7214	1.28	cps
Cadmium	111-1	61374	62477	60763	61538	1.41	cps
Calcium	43-1	78602	79722	79594	79306	0.77	cps
Calcium	44-1	1206346	1247490	1260067	1237968	2.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522882	520345	520213	521147	0.29	cps
Cobalt	59-2	1822757	1836364	1851310	1836811	0.78	cps
Copper	63-2	744809	740348	734745	739967	0.68	cps
Dysprosium	156-1	10557	10477	11158	10731	3.47	cps
Dysprosium	156-2	9510	9256	9590	9452	1.84	cps
Erbium	164-1	8916	8783	8886	8862	0.79	cps
Erbium	164-2	6552	6408	6518	6493	1.16	cps
Gadolinium	160-1	10034	10374	10214	10207	1.67	cps
Gadolinium	160-2	8189	8012	8012	8071	1.26	cps
Holmium	165-1	5965575	5974382	5880649	5940202	0.87	cps
Holmium	165-2	4409215	4338396	4387502	4378371	0.83	cps
Indium	115-1	5353756	5316731	5304546	5325011	0.48	cps
Indium	115-2	1955430	1964920	2040003	1986784	2.33	cps
Iron	56-2	72026264	70735329	70179206	70980266	1.33	cps
Iron	57-2	1775616	1759203	1775336	1770052	0.53	cps
Iron	54-2	4035583	3996044	3934492	3988707	1.28	cps
Krypton	83-1	280	273	260	271	3.76	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:41:01	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	253182	254818	255082	254361	0.40	cps
Lead	207-1	226186	233354	231652	230397	1.63	cps
Lead	208-1	1021376	1031757	1024042	1025725	0.53	cps
Lithium	6-1	804174	808617	810229	807673	0.39	cps
Magnesium	24-2	941265	942328	935095	939563	0.42	cps
Manganese	55-2	2028663	2041277	1983542	2017827	1.50	cps
Molybdenum	94-1	8980	9213	9160	9117	1.34	cps
Molybdenum	95-1	1367	1303	1267	1312	3.86	cps
Molybdenum	96-1	3354	3300	3297	3317	0.96	cps
Molybdenum	97-1	847	783	717	782	8.31	cps
Molybdenum	98-1	1830	1993	1910	1911	4.27	cps
Neodymium	150-1	17838	18689	18229	18252	2.33	cps
Neodymium	150-2	11401	11071	11044	11172	1.78	cps
Nickel	60-2	476973	469154	471870	472666	0.84	cps
Phosphorus	31-2	6605	6778	6571	6651	1.67	cps
Potassium	39-2	996577	1000596	988747	995307	0.61	cps
Rhodium	103-1	5336908	5265272	5224936	5275705	1.07	cps
Rhodium	103-2	3266475	3274792	3259300	3266856	0.24	cps
Scandium	45-1	3834342	3846156	3829900	3836800	0.22	cps
Scandium	45-2	349051	345616	347778	347482	0.50	cps
Selenium	82-1	8855	8739	8677	8757	1.03	cps
Selenium	77-2	910	963	923	932	2.98	cps
Selenium	78-2	3294	3134	3230	3219	2.50	cps
Silicon	28-1	6277239	6374629	6358964	6336944	0.83	cps
Silver	107-1	205577	207893	206587	206686	0.56	cps
Silver	109-1	194590	197578	195048	195739	0.82	cps
Sodium	23-2	90333	88901	89505	89579	0.80	cps
Strontium	86-1	44360	44474	44681	44505	0.37	cps
Strontium	88-1	380286	386957	388191	385145	1.10	cps
Sulfur	34-1	219078	217339	216010	217476	0.71	cps
Terbium	159-1	6219018	6169503	6130240	6172920	0.72	cps
Terbium	159-2	4530252	4468945	4536392	4511863	0.83	cps
Thallium	203-1	167334	169905	169990	169076	0.89	cps
Thallium	205-1	395865	399062	398906	397944	0.45	cps
Tin	118-1	3630	3557	3580	3589	1.04	cps
Titanium	47-1	319032	324375	323060	322156	0.86	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAP2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:41:01	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3327	3604	3517	3483	4.06	cps
Vanadium	51-2	1204436	1190745	1194499	1196560	0.59	cps
Yttrium	89-1	9842202	9961109	9728398	9843903	1.18	cps
Yttrium	89-2	2642391	2645374	2639669	2642478	0.11	cps
Zinc	66-2	325552	324369	327161	325694	0.43	cps
Zirconium	90-1	22751	22831	23001	22861	0.56	cps
Zirconium	91-1	5048	5174	5244	5155	1.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:44:13	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	880218	876107	868418	874914	0.68	cps
Antimony	121-1	3227	3094	3304	3208	3.31	cps
Arsenic	75-2	7205	7012	6952	7056	1.88	cps
Barium	135-1	73418	74426	74674	74173	0.90	cps
Barium	137-1	127238	127243	128750	127744	0.68	cps
Beryllium	9-1	276	252	272	267	4.72	cps
Bismuth	209-1	3524845	3441993	3545199	3504012	1.56	cps
Bismuth	209-2	3079260	3135807	3112768	3109278	0.91	cps
Bromine	81-1	5404	4824	5241	5157	5.80	cps
Bromine	81-2	67	67	120	84	36.46	cps
Cadmium	108-1	43	47	33	41	16.89	cps
Cadmium	106-1	1583	1717	1607	1636	4.35	cps
Cadmium	111-1	1311	1442	1371	1375	4.77	cps
Calcium	43-1	49654	50246	50447	50116	0.82	cps
Calcium	44-1	831450	846814	850435	842900	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26604	26146	26033	26261	1.15	cps
Cobalt	59-2	38326	37971	38677	38324	0.92	cps
Copper	63-2	50669	49475	49288	49810	1.50	cps
Dysprosium	156-1	7042	7135	7335	7171	2.09	cps
Dysprosium	156-2	6392	6025	6188	6201	2.96	cps
Erbium	164-1	6061	5805	5938	5935	2.16	cps
Erbium	164-2	4431	4407	4427	4422	0.29	cps
Gadolinium	160-1	6635	6835	6758	6743	1.50	cps
Gadolinium	160-2	5254	5278	5288	5273	0.32	cps
Holmium	165-1	5974058	6026882	5871881	5957607	1.32	cps
Holmium	165-2	4462172	4488212	4386968	4445784	1.18	cps
Indium	115-1	5345199	5356401	5309131	5336910	0.46	cps
Indium	115-2	1993088	2023833	1992377	2003099	0.90	cps
Iron	56-2	54496636	54120358	54265939	54294311	0.35	cps
Iron	57-2	1397026	1324513	1332536	1351359	2.94	cps
Iron	54-2	2969015	3034324	2985855	2996398	1.13	cps
Krypton	83-1	340	287	280	302	10.88	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:44:13	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33715	34266	34303	34095	0.97	cps
Lead	207-1	28874	29238	29846	29319	1.67	cps
Lead	208-1	131201	132612	133790	132535	0.98	cps
Lithium	6-1	802824	816383	806615	808607	0.87	cps
Magnesium	24-2	599851	604451	599178	601160	0.48	cps
Manganese	55-2	677121	678025	673780	676309	0.33	cps
Molybdenum	94-1	7639	7179	7145	7321	3.77	cps
Molybdenum	95-1	973	977	1107	1019	7.46	cps
Molybdenum	96-1	2434	2497	2804	2578	7.68	cps
Molybdenum	97-1	647	657	710	671	5.07	cps
Molybdenum	98-1	1503	1557	1513	1525	1.86	cps
Neodymium	150-1	11568	12112	11888	11856	2.31	cps
Neodymium	150-2	7579	7535	7512	7542	0.45	cps
Nickel	60-2	8776	8726	8709	8737	0.40	cps
Phosphorus	31-2	5214	5338	5354	5302	1.44	cps
Potassium	39-2	692789	700198	696048	696345	0.53	cps
Rhodium	103-1	5215462	5228708	5251850	5232007	0.35	cps
Rhodium	103-2	3398642	3348007	3296530	3347726	1.53	cps
Scandium	45-1	3814793	3770298	3793282	3792791	0.59	cps
Scandium	45-2	350782	348666	347916	349121	0.43	cps
Selenium	82-1	258	396	348	334	21.07	cps
Selenium	77-2	17	20	33	23	37.78	cps
Selenium	78-2	390	423	423	412	4.67	cps
Silicon	28-1	4470473	4593927	4574556	4546319	1.46	cps
Silver	107-1	810	570	500	627	25.94	cps
Silver	109-1	600	453	470	508	15.82	cps
Sodium	23-2	84621	85164	85683	85156	0.62	cps
Strontium	86-1	26611	27265	27108	26995	1.27	cps
Strontium	88-1	232672	235768	235201	234547	0.70	cps
Sulfur	34-1	193414	194278	193069	193587	0.32	cps
Terbium	159-1	6302613	6201329	6137600	6213847	1.34	cps
Terbium	159-2	4602393	4362986	4394475	4453285	2.92	cps
Thallium	203-1	523	537	540	533	1.65	cps
Thallium	205-1	1240	1233	1357	1277	5.43	cps
Tin	118-1	3694	3090	3390	3392	8.90	cps
Titanium	47-1	343132	350277	347191	346867	1.03	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:44:13	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2217	2297	2314	2276	2.27	cps
Vanadium	51-2	122802	122919	122980	122900	0.07	cps
Yttrium	89-1	9872638	9961598	9832046	9888760	0.67	cps
Yttrium	89-2	2695699	2665410	2673088	2678065	0.59	cps
Zinc	66-2	25338	25659	25519	25505	0.63	cps
Zirconium	90-1	18555	18465	19046	18689	1.67	cps
Zirconium	91-1	4007	4171	3947	4042	2.86	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:47:29	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	892560	892534	888938	891344	0.23	cps
Antimony	121-1	3114	3150	3204	3156	1.43	cps
Arsenic	75-2	6948	7175	7212	7112	2.01	cps
Barium	135-1	76182	74919	75411	75504	0.84	cps
Barium	137-1	128192	128154	128520	128289	0.16	cps
Beryllium	9-1	276	212	222	237	14.43	cps
Bismuth	209-1	3575231	3599602	3530298	3568377	0.99	cps
Bismuth	209-2	3101904	3174891	3180198	3152331	1.39	cps
Bromine	81-1	5234	5338	5318	5297	1.04	cps
Bromine	81-2	90	107	70	89	20.65	cps
Cadmium	108-1	33	60	23	39	48.75	cps
Cadmium	106-1	1757	1647	1633	1679	4.03	cps
Cadmium	111-1	1490	1367	1347	1401	5.51	cps
Calcium	43-1	51517	51962	51868	51783	0.45	cps
Calcium	44-1	863731	877840	878353	873308	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32746	33123	33173	33014	0.71	cps
Cobalt	59-2	38275	37470	38423	38056	1.35	cps
Copper	63-2	50799	50451	50702	50651	0.35	cps
Dysprosium	156-1	7139	7175	7222	7179	0.58	cps
Dysprosium	156-2	6275	6438	6332	6348	1.31	cps
Erbium	164-1	5671	6208	5898	5926	4.55	cps
Erbium	164-2	4731	4574	4481	4595	2.75	cps
Gadolinium	160-1	6825	6732	6888	6815	1.16	cps
Gadolinium	160-2	5328	5334	5214	5292	1.27	cps
Holmium	165-1	6107366	5924475	5966910	5999584	1.60	cps
Holmium	165-2	4428087	4516234	4533086	4492469	1.26	cps
Indium	115-1	5453786	5523081	5335863	5437577	1.74	cps
Indium	115-2	2043735	2018689	2007555	2023326	0.92	cps
Iron	56-2	54346961	54165223	54327778	54279987	0.18	cps
Iron	57-2	1356871	1372613	1366338	1365274	0.58	cps
Iron	54-2	3032818	2999790	3034157	3022255	0.64	cps
Krypton	83-1	283	237	273	264	9.29	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:47:29	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	34270	34704	34945	34640	0.99	cps
Lead	207-1	31039	30564	29923	30509	1.84	cps
Lead	208-1	137704	139648	137219	138190	0.93	cps
Lithium	6-1	821268	811729	809113	814037	0.79	cps
Magnesium	24-2	615287	615286	612301	614292	0.28	cps
Manganese	55-2	694152	688989	695566	692902	0.50	cps
Molybdenum	94-1	7445	7375	7509	7443	0.90	cps
Molybdenum	95-1	1027	980	1090	1032	5.35	cps
Molybdenum	96-1	2614	2827	2644	2695	4.29	cps
Molybdenum	97-1	723	653	760	712	7.61	cps
Molybdenum	98-1	1463	1807	1697	1656	10.59	cps
Neodymium	150-1	12099	12482	12392	12324	1.63	cps
Neodymium	150-2	7475	7532	7442	7483	0.61	cps
Nickel	60-2	8456	8319	8266	8347	1.17	cps
Phosphorus	31-2	5538	5344	5228	5370	2.92	cps
Potassium	39-2	703025	711407	704721	706384	0.63	cps
Rhodium	103-1	5408790	5429985	5245850	5361541	1.88	cps
Rhodium	103-2	3363061	3384167	3348481	3365236	0.53	cps
Scandium	45-1	3861403	3830923	3827672	3839999	0.48	cps
Scandium	45-2	350585	350271	350176	350344	0.06	cps
Selenium	82-1	430	465	364	420	12.23	cps
Selenium	77-2	47	33	23	34	34.00	cps
Selenium	78-2	363	443	450	419	11.51	cps
Silicon	28-1	4640469	4683492	4689611	4671191	0.57	cps
Silver	107-1	327	380	390	366	9.31	cps
Silver	109-1	330	380	340	350	7.56	cps
Sodium	23-2	83377	83535	83032	83315	0.31	cps
Strontium	86-1	27997	28264	28157	28139	0.48	cps
Strontium	88-1	238937	240680	240870	240162	0.44	cps
Sulfur	34-1	194430	198110	197309	196616	0.98	cps
Terbium	159-1	6345067	6280305	6210981	6278785	1.07	cps
Terbium	159-2	4494988	4458786	4473677	4475817	0.41	cps
Thallium	203-1	513	550	530	531	3.46	cps
Thallium	205-1	1140	1293	1377	1270	9.45	cps
Tin	118-1	3550	3487	3627	3555	1.97	cps
Titanium	47-1	352191	353851	359368	355137	1.06	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:47:29	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2350	2207	2137	2231	4.87	cps
Vanadium	51-2	123289	123158	123796	123415	0.27	cps
Yttrium	89-1	9957604	10094084	9929206	9993631	0.88	cps
Yttrium	89-2	2702024	2735117	2717429	2718190	0.61	cps
Zinc	66-2	26076	26620	26611	26436	1.18	cps
Zirconium	90-1	18649	19139	19039	18942	1.37	cps
Zirconium	91-1	4214	4114	4011	4113	2.47	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAP2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:50:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	296679	295076	293006	294920	0.62	cps
Antimony	121-1	1227	1277	1053	1186	9.89	cps
Arsenic	75-2	6698	6391	6712	6600	2.74	cps
Barium	135-1	25964	26956	27196	26705	2.45	cps
Barium	137-1	44894	47038	46519	46150	2.42	cps
Beryllium	9-1	134	114	74	107	28.50	cps
Bismuth	209-1	3439599	3454709	3504574	3466294	0.98	cps
Bismuth	209-2	3084193	3025877	3051976	3054015	0.96	cps
Bromine	81-1	5288	5731	5448	5489	4.09	cps
Bromine	81-2	133	133	113	127	9.12	cps
Cadmium	108-1	23	27	23	24	7.89	cps
Cadmium	106-1	1597	1577	1483	1552	3.90	cps
Cadmium	111-1	1335	1302	1289	1308	1.81	cps
Calcium	43-1	15748	15948	16512	16070	2.47	cps
Calcium	44-1	268592	274857	279244	274231	1.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8229	7972	8216	8139	1.78	cps
Cobalt	59-2	8452	8609	8679	8580	1.35	cps
Copper	63-2	26076	26367	25796	26079	1.09	cps
Dysprosium	156-1	2020	2260	2104	2128	5.73	cps
Dysprosium	156-2	1937	1910	1860	1902	2.05	cps
Erbium	164-1	1693	1817	1770	1760	3.54	cps
Erbium	164-2	1340	1303	1220	1288	4.78	cps
Gadolinium	160-1	1883	2017	1987	1962	3.56	cps
Gadolinium	160-2	1663	1680	1743	1696	2.49	cps
Holmium	165-1	5757579	5781427	5813433	5784146	0.48	cps
Holmium	165-2	4389065	4300632	4227087	4305595	1.88	cps
Indium	115-1	5178991	5325691	5228562	5244415	1.42	cps
Indium	115-2	1997767	1912744	1905114	1938542	2.65	cps
Iron	56-2	13647796	13698261	13362308	13569455	1.34	cps
Iron	57-2	353881	355686	354111	354559	0.28	cps
Iron	54-2	792939	781538	782940	785806	0.79	cps
Krypton	83-1	260	260	233	251	6.13	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAP2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:50:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38428	39781	39678	39296	1.92	cps
Lead	207-1	35523	36542	36756	36274	1.82	cps
Lead	208-1	156637	161015	161897	159850	1.76	cps
Lithium	6-1	792721	792189	801821	795577	0.68	cps
Magnesium	24-2	184363	182492	185596	184150	0.85	cps
Manganese	55-2	240394	240781	240724	240633	0.09	cps
Molybdenum	94-1	1793	1893	2063	1917	7.12	cps
Molybdenum	95-1	290	350	317	319	9.43	cps
Molybdenum	96-1	660	777	710	716	8.18	cps
Molybdenum	97-1	170	167	223	187	17.04	cps
Molybdenum	98-1	503	477	477	486	3.17	cps
Neodymium	150-1	3490	3460	3654	3535	2.94	cps
Neodymium	150-2	2384	2260	2137	2260	5.46	cps
Nickel	60-2	2700	2530	2370	2534	6.51	cps
Phosphorus	31-2	1387	1320	1293	1333	3.61	cps
Potassium	39-2	269503	266129	266654	267429	0.68	cps
Rhodium	103-1	5088980	5156686	5253885	5166517	1.60	cps
Rhodium	103-2	3345235	3195260	3231736	3257411	2.40	cps
Scandium	45-1	3678521	3691203	3756817	3708847	1.13	cps
Scandium	45-2	341744	327999	331358	333700	2.15	cps
Selenium	82-1	354	319	394	355	10.53	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	383	343	290	339	13.82	cps
Silicon	28-1	1569355	1630492	1649488	1616445	2.59	cps
Silver	107-1	540	550	513	534	3.55	cps
Silver	109-1	380	450	430	420	8.58	cps
Sodium	23-2	69654	70132	69369	69718	0.55	cps
Strontium	86-1	9330	9323	9063	9239	1.65	cps
Strontium	88-1	73332	75292	76893	75172	2.37	cps
Sulfur	34-1	198930	201344	199704	199993	0.62	cps
Terbium	159-1	5986990	6145937	6092629	6075185	1.33	cps
Terbium	159-2	4332962	4345805	4323968	4334245	0.25	cps
Thallium	203-1	307	313	270	297	7.86	cps
Thallium	205-1	620	647	630	632	2.13	cps
Tin	118-1	1727	1833	1887	1816	4.49	cps
Titanium	47-1	61571	63372	64108	63017	2.07	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4304-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAP2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:50:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	733	680	643	686	6.60	cps
Vanadium	51-2	22767	22160	22867	22598	1.69	cps
Yttrium	89-1	9349246	9567073	9706227	9540849	1.89	cps
Yttrium	89-2	2634501	2599827	2544481	2592936	1.75	cps
Zinc	66-2	23762	23996	24183	23980	0.88	cps
Zirconium	90-1	4934	5128	5131	5064	2.22	cps
Zirconium	91-1	1103	1160	1153	1139	2.72	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:54:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	176617	176487	173379	175494	1.04	cps
Antimony	121-1	593	737	710	680	11.21	cps
Arsenic	75-2	1477	1520	1403	1467	4.02	cps
Barium	135-1	15051	15248	15148	15149	0.65	cps
Barium	137-1	25697	25977	25563	25746	0.82	cps
Beryllium	9-1	50	64	110	75	42.11	cps
Bismuth	209-1	3611402	3649343	3660082	3640275	0.70	cps
Bismuth	209-2	3151415	3176619	3162383	3163472	0.40	cps
Bromine	81-1	5388	5341	5318	5349	0.67	cps
Bromine	81-2	53	80	57	63	22.94	cps
Cadmium	108-1	13	3	13	10	57.75	cps
Cadmium	106-1	1723	1667	1473	1621	8.09	cps
Cadmium	111-1	1247	1228	1055	1177	8.97	cps
Calcium	43-1	10564	10627	10590	10594	0.30	cps
Calcium	44-1	192381	195321	193094	193599	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5905	5821	5998	5908	1.50	cps
Cobalt	59-2	7959	7752	7969	7893	1.55	cps
Copper	63-2	10514	10197	10467	10393	1.65	cps
Dysprosium	156-1	1570	1480	1573	1541	3.44	cps
Dysprosium	156-2	1243	1137	1130	1170	5.44	cps
Erbium	164-1	1240	1177	1233	1217	2.86	cps
Erbium	164-2	893	930	947	923	2.96	cps
Gadolinium	160-1	1437	1450	1377	1421	2.75	cps
Gadolinium	160-2	1143	1180	1210	1178	2.83	cps
Holmium	165-1	6057630	6039883	6087273	6061595	0.39	cps
Holmium	165-2	4501213	4443795	4464573	4469860	0.65	cps
Indium	115-1	5550174	5526790	5440693	5505886	1.05	cps
Indium	115-2	2032616	2018777	2037826	2029739	0.49	cps
Iron	56-2	10966539	10690972	10675086	10777532	1.52	cps
Iron	57-2	282580	283799	279409	281930	0.80	cps
Iron	54-2	632771	633230	624298	630100	0.80	cps
Krypton	83-1	283	240	290	271	10.01	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:54:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7405	7449	7119	7324	2.45	cps
Lead	207-1	6335	6592	6415	6447	2.04	cps
Lead	208-1	29610	29262	28859	29244	1.28	cps
Lithium	6-1	848589	832084	847427	842700	1.09	cps
Magnesium	24-2	121066	121099	119645	120603	0.69	cps
Manganese	55-2	137888	136688	134814	136463	1.14	cps
Molybdenum	94-1	1610	1687	1693	1663	2.78	cps
Molybdenum	95-1	237	300	347	294	18.75	cps
Molybdenum	96-1	563	603	647	604	6.90	cps
Molybdenum	97-1	187	173	130	163	18.14	cps
Molybdenum	98-1	373	387	350	370	5.02	cps
Neodymium	150-1	2470	2377	2430	2426	1.93	cps
Neodymium	150-2	1533	1497	1560	1530	2.08	cps
Nickel	60-2	1810	1613	1713	1712	5.74	cps
Phosphorus	31-2	1130	1133	1093	1119	1.98	cps
Potassium	39-2	213101	212384	210846	212110	0.54	cps
Rhodium	103-1	5536535	5305520	5410580	5417545	2.14	cps
Rhodium	103-2	3404133	3394694	3388203	3395677	0.24	cps
Scandium	45-1	3915848	3905436	3830559	3883947	1.20	cps
Scandium	45-2	353394	347167	350138	350233	0.89	cps
Selenium	82-1	364	376	312	351	9.61	cps
Selenium	77-2	0	13	10	8	89.21	cps
Selenium	78-2	363	373	400	379	5.00	cps
Silicon	28-1	1299975	1320998	1294327	1305100	1.08	cps
Silver	107-1	130	107	123	120	10.01	cps
Silver	109-1	97	103	120	107	11.27	cps
Sodium	23-2	66620	64896	65328	65615	1.37	cps
Strontium	86-1	5745	6181	6051	5992	3.74	cps
Strontium	88-1	47928	47470	48059	47819	0.65	cps
Sulfur	34-1	199500	200997	199055	199851	0.51	cps
Terbium	159-1	6404497	6417866	6273208	6365190	1.26	cps
Terbium	159-2	4484830	4407075	4595520	4495808	2.11	cps
Thallium	203-1	197	253	240	230	12.88	cps
Thallium	205-1	563	513	600	559	7.78	cps
Tin	118-1	1690	1697	1840	1742	4.86	cps
Titanium	47-1	70922	70584	72543	71349	1.47	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 17:54:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	383	470	460	438	10.83	cps
Vanadium	51-2	24153	24189	24336	24226	0.40	cps
Yttrium	89-1	10057258	10148729	9941122	10049036	1.04	cps
Yttrium	89-2	2754663	2659492	2663812	2692656	2.00	cps
Zinc	66-2	6095	6181	5991	6089	1.56	cps
Zirconium	90-1	4117	4004	4061	4061	1.40	cps
Zirconium	91-1	957	1000	907	954	4.89	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:57:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	932652	924481	924235	927123	0.52	cps
Antimony	121-1	114246	116124	116229	115533	0.97	cps
Arsenic	75-2	10320	10477	10320	10373	0.87	cps
Barium	135-1	583932	595374	587905	589071	0.99	cps
Barium	137-1	1007697	1017979	1024650	1016775	0.84	cps
Beryllium	9-1	9382	9659	9595	9545	1.52	cps
Bismuth	209-1	3489215	3573129	3491442	3517929	1.36	cps
Bismuth	209-2	3054078	3110416	3081508	3082001	0.91	cps
Bromine	81-1	5551	5541	5271	5454	2.91	cps
Bromine	81-2	150	73	83	102	40.77	cps
Cadmium	108-1	953	1010	917	960	4.90	cps
Cadmium	106-1	2774	3050	2800	2875	5.31	cps
Cadmium	111-1	14847	15225	15129	15067	1.30	cps
Calcium	43-1	49143	50989	50691	50274	1.97	cps
Calcium	44-1	834100	851951	844569	843540	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	142503	141894	141248	141882	0.44	cps
Cobalt	59-2	468438	467075	465131	466881	0.36	cps
Copper	63-2	195101	195351	192586	194346	0.79	cps
Dysprosium	156-1	6912	7092	7132	7045	1.66	cps
Dysprosium	156-2	6125	6495	6308	6309	2.93	cps
Erbium	164-1	6101	5825	6051	5992	2.46	cps
Erbium	164-2	4524	4607	4617	4583	1.12	cps
Gadolinium	160-1	6505	6648	6918	6691	3.14	cps
Gadolinium	160-2	5321	5224	5251	5265	0.95	cps
Holmium	165-1	5990662	5948971	5939840	5959824	0.45	cps
Holmium	165-2	4468196	4504511	4418098	4463601	0.97	cps
Indium	115-1	5374047	5462764	5326833	5387881	1.28	cps
Indium	115-2	2032526	1963580	2017361	2004489	1.81	cps
Iron	56-2	53953584	54100684	53965928	54006732	0.15	cps
Iron	57-2	1385744	1341594	1337558	1354965	1.97	cps
Iron	54-2	3060354	3057600	3050891	3056281	0.16	cps
Krypton	83-1	243	277	313	278	12.60	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:57:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	45392	46322	45593	45769	1.07	cps
Lead	207-1	40009	40811	41159	40660	1.45	cps
Lead	208-1	181414	184277	183584	183092	0.82	cps
Lithium	6-1	811983	826478	819800	819420	0.89	cps
Magnesium	24-2	605045	599461	603156	602554	0.47	cps
Manganese	55-2	884464	876704	867187	876119	0.99	cps
Molybdenum	94-1	7275	7372	7252	7300	0.87	cps
Molybdenum	95-1	1017	910	1050	992	7.37	cps
Molybdenum	96-1	2470	2480	2597	2516	2.80	cps
Molybdenum	97-1	580	673	540	598	11.45	cps
Molybdenum	98-1	1470	1380	1400	1417	3.34	cps
Neodymium	150-1	11845	11745	12092	11894	1.50	cps
Neodymium	150-2	7529	7655	7352	7512	2.03	cps
Nickel	60-2	117701	115870	115602	116391	0.98	cps
Phosphorus	31-2	5374	5344	5488	5402	1.40	cps
Potassium	39-2	701969	692165	688831	694321	0.98	cps
Rhodium	103-1	5311591	5301169	5245008	5285922	0.68	cps
Rhodium	103-2	3352007	3375289	3304215	3343837	1.08	cps
Scandium	45-1	3837187	3845708	3749754	3810883	1.39	cps
Scandium	45-2	347977	346086	342384	345482	0.82	cps
Selenium	82-1	2347	2406	2261	2338	3.13	cps
Selenium	77-2	210	220	237	222	6.06	cps
Selenium	78-2	1067	1063	1087	1072	1.18	cps
Silicon	28-1	4552905	4665107	4723781	4647264	1.87	cps
Silver	107-1	58711	60766	61550	60343	2.43	cps
Silver	109-1	55231	57116	56664	56337	1.75	cps
Sodium	23-2	80593	79912	80807	80438	0.58	cps
Strontium	86-1	26828	27215	27569	27204	1.36	cps
Strontium	88-1	232083	236977	235276	234779	1.06	cps
Sulfur	34-1	205560	203618	199859	203012	1.43	cps
Terbium	159-1	6336580	6280719	6267518	6294939	0.58	cps
Terbium	159-2	4403845	4483872	4405760	4431159	1.03	cps
Thallium	203-1	39634	39935	40159	39909	0.66	cps
Thallium	205-1	92838	94089	93593	93506	0.67	cps
Tin	118-1	3394	3427	3651	3491	4.00	cps
Titanium	47-1	347778	352022	351667	350489	0.67	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 17:57:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2367	2307	2160	2278	4.67	cps
Vanadium	51-2	380259	376441	373955	376885	0.84	cps
Yttrium	89-1	9732930	9845071	9792579	9790193	0.57	cps
Yttrium	89-2	2658416	2670903	2662932	2664084	0.24	cps
Zinc	66-2	75765	74069	73342	74392	1.67	cps
Zirconium	90-1	18843	18735	18859	18812	0.36	cps
Zirconium	91-1	4147	4194	4191	4177	0.62	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:00:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1096675	1092791	1098211	1095892	0.25	cps
Antimony	121-1	470987	475925	481952	476288	1.15	cps
Arsenic	75-2	20224	19847	19656	19909	1.45	cps
Barium	135-1	2346989	2345908	2365420	2352772	0.47	cps
Barium	137-1	3976705	4095914	4051731	4041450	1.49	cps
Beryllium	9-1	37975	38116	38173	38088	0.27	cps
Bismuth	209-1	3439599	3479413	3570652	3496555	1.92	cps
Bismuth	209-2	3064817	3052642	3122507	3079989	1.21	cps
Bromine	81-1	5414	5061	5204	5227	3.40	cps
Bromine	81-2	87	87	87	87	0.00	cps
Cadmium	108-1	3771	3811	4181	3921	5.77	cps
Cadmium	106-1	6802	6998	6932	6911	1.45	cps
Cadmium	111-1	59358	59652	59225	59412	0.37	cps
Calcium	43-1	48952	49902	49267	49373	0.98	cps
Calcium	44-1	814176	827130	836835	826047	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515320	510177	513344	512947	0.51	cps
Cobalt	59-2	1855834	1828360	1842030	1842075	0.75	cps
Copper	63-2	663587	663990	660826	662801	0.26	cps
Dysprosium	156-1	6928	6998	6878	6935	0.87	cps
Dysprosium	156-2	6128	6215	6321	6221	1.56	cps
Erbium	164-1	5768	5915	5881	5855	1.31	cps
Erbium	164-2	4311	4367	4247	4308	1.39	cps
Gadolinium	160-1	6178	6522	6398	6366	2.73	cps
Gadolinium	160-2	5088	4998	5161	5082	1.61	cps
Holmium	165-1	5855791	5984638	5954099	5931510	1.14	cps
Holmium	165-2	4386473	4390419	4363406	4380099	0.33	cps
Indium	115-1	5301965	5391638	5363947	5352517	0.86	cps
Indium	115-2	1964193	1995719	2001174	1987029	1.00	cps
Iron	56-2	54201708	54916411	54766284	54628134	0.69	cps
Iron	57-2	1371152	1372748	1352450	1365450	0.83	cps
Iron	54-2	3085820	3059410	3122636	3089289	1.03	cps
Krypton	83-1	230	293	290	271	13.15	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:00:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	86405	86711	87617	86911	0.72	cps
Lead	207-1	74034	74027	74774	74278	0.58	cps
Lead	208-1	336873	340514	342659	340015	0.86	cps
Lithium	6-1	799870	808765	793838	800824	0.94	cps
Magnesium	24-2	584967	586462	583124	584851	0.29	cps
Manganese	55-2	1491654	1492248	1510923	1498275	0.73	cps
Molybdenum	94-1	6958	7359	7155	7157	2.80	cps
Molybdenum	95-1	957	997	1093	1016	6.92	cps
Molybdenum	96-1	2427	2504	2704	2545	5.61	cps
Molybdenum	97-1	603	667	570	613	8.01	cps
Molybdenum	98-1	1620	1600	1530	1583	2.98	cps
Neodymium	150-1	11745	11795	11505	11682	1.33	cps
Neodymium	150-2	7355	7385	7058	7266	2.49	cps
Nickel	60-2	464394	464770	466560	465242	0.25	cps
Phosphorus	31-2	5294	5254	5178	5242	1.13	cps
Potassium	39-2	683858	678141	682712	681570	0.44	cps
Rhodium	103-1	5208233	5298327	5200689	5235750	1.04	cps
Rhodium	103-2	3288021	3266546	3363675	3306080	1.54	cps
Scandium	45-1	3764609	3790815	3812088	3789171	0.63	cps
Scandium	45-2	347896	348542	348043	348160	0.10	cps
Selenium	82-1	8778	8714	8905	8799	1.11	cps
Selenium	77-2	900	883	947	910	3.61	cps
Selenium	78-2	3624	3214	3447	3428	6.00	cps
Silicon	28-1	4450822	4568423	4552211	4523819	1.41	cps
Silver	107-1	203139	203224	206655	204339	0.98	cps
Silver	109-1	190535	194052	194761	193116	1.17	cps
Sodium	23-2	82181	81263	80864	81436	0.83	cps
Strontium	86-1	26597	26995	27058	26884	0.93	cps
Strontium	88-1	228738	229176	231626	229846	0.68	cps
Sulfur	34-1	193812	195047	192854	193904	0.57	cps
Terbium	159-1	6191997	6081964	6191791	6155251	1.03	cps
Terbium	159-2	4477977	4366141	4433907	4426008	1.27	cps
Thallium	203-1	163455	166295	165429	165060	0.88	cps
Thallium	205-1	386014	390184	395581	390593	1.23	cps
Tin	118-1	3310	3160	3247	3239	2.33	cps
Titanium	47-1	334841	343325	339752	339306	1.26	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4305-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:00:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2187	2247	2417	2284	5.23	cps
Vanadium	51-2	1195156	1187840	1184935	1189310	0.44	cps
Yttrium	89-1	9797681	9958321	9823210	9859737	0.88	cps
Yttrium	89-2	2660014	2670414	2726395	2685608	1.33	cps
Zinc	66-2	234493	231621	234694	233602	0.74	cps
Zirconium	90-1	17460	18789	17854	18035	3.78	cps
Zirconium	91-1	4071	3921	4144	4045	2.82	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:03:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	894584	890060	884035	889560	0.59	cps
Antimony	121-1	3030	2900	2820	2917	3.63	cps
Arsenic	75-2	6315	6101	5995	6137	2.66	cps
Barium	135-1	64053	65731	66819	65534	2.13	cps
Barium	137-1	112189	113445	113392	113008	0.63	cps
Beryllium	9-1	269	202	269	246	15.65	cps
Bismuth	209-1	3456811	3526926	3530423	3504720	1.18	cps
Bismuth	209-2	3115952	3164360	3090124	3123479	1.21	cps
Bromine	81-1	5268	5118	5134	5173	1.59	cps
Bromine	81-2	107	103	100	103	3.23	cps
Cadmium	108-1	50	43	37	43	15.38	cps
Cadmium	106-1	1653	1497	1677	1609	6.08	cps
Cadmium	111-1	1296	1197	1298	1264	4.55	cps
Calcium	43-1	40377	41082	41293	40917	1.17	cps
Calcium	44-1	676769	692158	693274	687400	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22627	23021	23191	22946	1.26	cps
Cobalt	59-2	29369	29506	28951	29275	0.99	cps
Copper	63-2	46616	46776	46047	46480	0.82	cps
Dysprosium	156-1	6632	6485	6251	6456	2.97	cps
Dysprosium	156-2	5808	5558	5518	5628	2.79	cps
Erbium	164-1	5218	5751	5504	5491	4.86	cps
Erbium	164-2	3991	3957	4001	3983	0.57	cps
Gadolinium	160-1	5931	5991	6168	6030	2.04	cps
Gadolinium	160-2	4624	4821	4624	4690	2.42	cps
Holmium	165-1	5980292	6017941	5898817	5965683	1.02	cps
Holmium	165-2	4424198	4489279	4404983	4439487	1.00	cps
Indium	115-1	5292356	5339082	5322501	5317979	0.45	cps
Indium	115-2	2021582	2035232	1981889	2012901	1.38	cps
Iron	56-2	45048896	44668233	44903793	44873640	0.43	cps
Iron	57-2	1169206	1156572	1160730	1162169	0.55	cps
Iron	54-2	2526575	2538441	2472234	2512417	1.41	cps
Krypton	83-1	230	273	213	239	12.97	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:03:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	30307	30922	30698	30642	1.02	cps
Lead	207-1	27408	27151	27441	27333	0.58	cps
Lead	208-1	121869	123231	123650	122917	0.76	cps
Lithium	6-1	791445	812904	814768	806373	1.61	cps
Magnesium	24-2	652116	645686	649255	649019	0.50	cps
Manganese	55-2	633034	626859	628772	629555	0.50	cps
Molybdenum	94-1	6968	7042	7205	7072	1.71	cps
Molybdenum	95-1	1343	1260	1417	1340	5.85	cps
Molybdenum	96-1	2744	2910	2607	2754	5.52	cps
Molybdenum	97-1	753	773	800	776	3.02	cps
Molybdenum	98-1	2034	1953	1947	1978	2.44	cps
Neodymium	150-1	10614	10871	10851	10779	1.33	cps
Neodymium	150-2	6988	6865	6838	6897	1.16	cps
Nickel	60-2	8146	8242	8189	8192	0.59	cps
Phosphorus	31-2	3847	3807	4004	3886	2.68	cps
Potassium	39-2	668093	665330	665771	666398	0.22	cps
Rhodium	103-1	5262377	5232024	5217444	5237282	0.44	cps
Rhodium	103-2	3399449	3411608	3322040	3377699	1.44	cps
Scandium	45-1	3734142	3730667	3759956	3741588	0.43	cps
Scandium	45-2	347060	346759	345616	346478	0.22	cps
Selenium	82-1	377	354	381	371	3.94	cps
Selenium	77-2	43	37	30	37	18.18	cps
Selenium	78-2	377	380	420	392	6.15	cps
Silicon	28-1	3913582	4027251	3972536	3971123	1.43	cps
Silver	107-1	453	467	437	452	3.32	cps
Silver	109-1	437	440	353	410	11.98	cps
Sodium	23-2	77775	78867	78120	78254	0.71	cps
Strontium	86-1	23385	23435	23723	23514	0.77	cps
Strontium	88-1	200409	201662	202962	201678	0.63	cps
Sulfur	34-1	192543	193356	192189	192696	0.31	cps
Terbium	159-1	6196222	6297317	6135103	6209548	1.32	cps
Terbium	159-2	4523529	4449980	4401817	4458442	1.37	cps
Thallium	203-1	323	367	330	340	6.86	cps
Thallium	205-1	853	723	757	778	8.68	cps
Tin	118-1	2694	2827	2857	2793	3.11	cps
Titanium	47-1	237102	241107	242346	240185	1.14	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:03:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1880	1777	1850	1836	2.90	cps
Vanadium	51-2	82427	81659	81539	81875	0.59	cps
Yttrium	89-1	9784525	9734495	9692501	9737174	0.47	cps
Yttrium	89-2	2713989	2639832	2688412	2680744	1.41	cps
Zinc	66-2	28230	28063	27669	27987	1.03	cps
Zirconium	90-1	17537	18882	17948	18122	3.80	cps
Zirconium	91-1	3987	4061	3907	3985	1.92	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:07:13	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	913872	902596	919799	912089	0.96	cps
Antimony	121-1	2687	2764	2810	2754	2.26	cps
Arsenic	75-2	6045	5931	5895	5957	1.31	cps
Barium	135-1	67110	67358	66893	67120	0.35	cps
Barium	137-1	115736	115992	115844	115857	0.11	cps
Beryllium	9-1	315	282	289	295	5.98	cps
Bismuth	209-1	3507946	3591527	3580372	3559948	1.27	cps
Bismuth	209-2	3077907	3180927	3148647	3135827	1.68	cps
Bromine	81-1	5121	5324	5221	5222	1.95	cps
Bromine	81-2	80	93	87	87	7.69	cps
Cadmium	108-1	47	43	40	43	7.70	cps
Cadmium	106-1	1677	1680	1607	1655	2.50	cps
Cadmium	111-1	1321	1382	1290	1331	3.53	cps
Calcium	43-1	40932	41721	40999	41217	1.06	cps
Calcium	44-1	682387	694261	700946	692531	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22961	23281	23498	23247	1.16	cps
Cobalt	59-2	29896	29993	30528	30139	1.13	cps
Copper	63-2	47820	47248	47973	47680	0.80	cps
Dysprosium	156-1	6402	6258	6432	6364	1.46	cps
Dysprosium	156-2	5901	5641	5738	5760	2.28	cps
Erbium	164-1	5471	5481	5665	5539	1.97	cps
Erbium	164-2	4241	4101	4174	4172	1.68	cps
Gadolinium	160-1	6388	6415	6475	6426	0.69	cps
Gadolinium	160-2	5274	4994	5104	5124	2.75	cps
Holmium	165-1	6049776	6028597	6016950	6031775	0.28	cps
Holmium	165-2	4491395	4504129	4505578	4500368	0.17	cps
Indium	115-1	5356071	5426386	5326577	5369678	0.95	cps
Indium	115-2	1979219	1991702	2024284	1998401	1.16	cps
Iron	56-2	46349286	46556601	46156734	46354207	0.43	cps
Iron	57-2	1196695	1193359	1201329	1197128	0.33	cps
Iron	54-2	2574237	2554171	2604435	2577615	0.98	cps
Krypton	83-1	250	287	230	256	11.25	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:07:13	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32412	32001	32369	32261	0.70	cps
Lead	207-1	27688	28229	27865	27928	0.99	cps
Lead	208-1	126059	126451	126883	126464	0.33	cps
Lithium	6-1	815430	812291	822782	816834	0.66	cps
Magnesium	24-2	676564	665093	667995	669884	0.89	cps
Manganese	55-2	650753	648021	649861	649545	0.21	cps
Molybdenum	94-1	7125	7282	7102	7170	1.37	cps
Molybdenum	95-1	1267	1297	1273	1279	1.23	cps
Molybdenum	96-1	2827	2890	2807	2841	1.53	cps
Molybdenum	97-1	713	847	803	788	8.63	cps
Molybdenum	98-1	1950	1957	1980	1962	0.80	cps
Neodymium	150-1	11275	11071	11365	11237	1.34	cps
Neodymium	150-2	7025	6835	7169	7010	2.39	cps
Nickel	60-2	8573	8412	8529	8505	0.97	cps
Phosphorus	31-2	3757	3934	3891	3861	2.39	cps
Potassium	39-2	685603	680322	686005	683977	0.46	cps
Rhodium	103-1	5358103	5307222	5270553	5311959	0.83	cps
Rhodium	103-2	3384044	3390483	3312864	3362464	1.28	cps
Scandium	45-1	3761288	3849926	3884120	3831778	1.65	cps
Scandium	45-2	350393	349451	351166	350336	0.25	cps
Selenium	82-1	330	348	422	367	13.26	cps
Selenium	77-2	33	20	37	30	29.40	cps
Selenium	78-2	377	420	383	393	5.93	cps
Silicon	28-1	3935220	3956698	3916382	3936100	0.51	cps
Silver	107-1	297	253	277	276	7.87	cps
Silver	109-1	270	277	290	279	3.65	cps
Sodium	23-2	76083	76536	76522	76380	0.34	cps
Strontium	86-1	24087	24471	24090	24216	0.91	cps
Strontium	88-1	203821	205431	208719	205990	1.21	cps
Sulfur	34-1	191331	193684	195676	193564	1.12	cps
Terbium	159-1	6296698	6298651	6249455	6281601	0.44	cps
Terbium	159-2	4455820	4509785	4550456	4505353	1.05	cps
Thallium	203-1	370	350	317	346	7.80	cps
Thallium	205-1	727	817	663	736	10.48	cps
Tin	118-1	2610	2587	2607	2601	0.49	cps
Titanium	47-1	239384	245959	250516	245286	2.28	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:07:13	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1913	1843	2024	1927	4.71	cps
Vanadium	51-2	84790	84244	85343	84792	0.65	cps
Yttrium	89-1	9831263	9936020	10032332	9933205	1.01	cps
Yttrium	89-2	2708382	2675337	2733845	2705855	1.08	cps
Zinc	66-2	26180	25872	25796	25949	0.78	cps
Zirconium	90-1	17931	17617	18205	17918	1.64	cps
Zirconium	91-1	3987	3947	3951	3962	0.56	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAM9L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 18:10:33	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192874	192479	193762	193038	0.34	cps
Antimony	121-1	567	687	740	664	13.36	cps
Arsenic	75-2	1067	1223	1137	1142	6.87	cps
Barium	135-1	13076	13370	13580	13342	1.90	cps
Barium	137-1	23276	22455	22788	22840	1.81	cps
Beryllium	9-1	87	70	124	94	29.10	cps
Bismuth	209-1	3476853	3616231	3675295	3589459	2.84	cps
Bismuth	209-2	3227358	3126878	3209335	3187857	1.68	cps
Bromine	81-1	5281	5131	5328	5247	1.96	cps
Bromine	81-2	110	60	70	80	33.07	cps
Cadmium	108-1	23	7	10	13	66.12	cps
Cadmium	106-1	1537	1533	1560	1543	0.94	cps
Cadmium	111-1	1116	1135	1138	1130	1.07	cps
Calcium	43-1	9003	9153	9356	9171	1.93	cps
Calcium	44-1	164697	165732	167831	166087	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5468	5348	5398	5404	1.12	cps
Cobalt	59-2	5955	5995	5971	5973	0.34	cps
Copper	63-2	10977	10580	10384	10647	2.84	cps
Dysprosium	156-1	1200	1407	1463	1357	10.22	cps
Dysprosium	156-2	1180	1037	1090	1102	6.57	cps
Erbium	164-1	1090	1170	1167	1142	3.96	cps
Erbium	164-2	833	830	817	827	1.07	cps
Gadolinium	160-1	1047	1173	1263	1161	9.37	cps
Gadolinium	160-2	1180	1253	1080	1171	7.43	cps
Holmium	165-1	5713028	6128183	6018113	5953108	3.61	cps
Holmium	165-2	4496066	4480224	4509315	4495201	0.32	cps
Indium	115-1	5250807	5453197	5502971	5402325	2.47	cps
Indium	115-2	2034714	2036838	2055483	2042345	0.56	cps
Iron	56-2	9137086	8943862	8928942	9003297	1.29	cps
Iron	57-2	235581	236272	235263	235705	0.22	cps
Iron	54-2	525510	524931	523582	524674	0.19	cps
Krypton	83-1	307	267	250	274	10.61	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAM9L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 18:10:33	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6298	6532	6628	6486	2.62	cps
Lead	207-1	5708	5605	5778	5697	1.53	cps
Lead	208-1	25336	26187	26263	25929	1.99	cps
Lithium	6-1	784408	832527	834155	817030	3.46	cps
Magnesium	24-2	130159	131792	130912	130954	0.62	cps
Manganese	55-2	125679	125616	125935	125743	0.13	cps
Molybdenum	94-1	1543	1617	1637	1599	3.07	cps
Molybdenum	95-1	347	393	453	398	13.44	cps
Molybdenum	96-1	757	653	687	699	7.55	cps
Molybdenum	97-1	227	263	220	237	9.86	cps
Molybdenum	98-1	560	507	597	554	8.16	cps
Neodymium	150-1	2294	2157	2187	2212	3.25	cps
Neodymium	150-2	1417	1283	1383	1361	5.10	cps
Nickel	60-2	1850	1773	1900	1841	3.47	cps
Phosphorus	31-2	1107	910	913	977	11.53	cps
Potassium	39-2	206325	205657	206113	206032	0.17	cps
Rhodium	103-1	5132842	5445793	5414668	5331101	3.23	cps
Rhodium	103-2	3418310	3368710	3417134	3401385	0.83	cps
Scandium	45-1	3660723	3841994	3833081	3778599	2.70	cps
Scandium	45-2	349476	350485	352823	350928	0.49	cps
Selenium	82-1	325	352	303	327	7.47	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	330	383	373	362	7.83	cps
Silicon	28-1	1083969	1099590	1096346	1093302	0.75	cps
Silver	107-1	90	117	133	113	19.29	cps
Silver	109-1	97	73	137	102	31.34	cps
Sodium	23-2	63169	64488	62878	63511	1.35	cps
Strontium	86-1	5154	5241	5194	5197	0.84	cps
Strontium	88-1	41244	41054	41375	41224	0.39	cps
Sulfur	34-1	190471	191484	193687	191881	0.86	cps
Terbium	159-1	6044955	6353104	6364408	6254156	2.90	cps
Terbium	159-2	4520112	4501448	4587127	4536229	0.99	cps
Thallium	203-1	227	203	183	204	10.61	cps
Thallium	205-1	377	490	507	458	15.45	cps
Tin	118-1	1580	1567	1630	1592	2.10	cps
Titanium	47-1	48166	48917	48437	48507	0.78	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAM9L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 18:10:33	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	387	423	403	404	4.54	cps
Vanadium	51-2	16586	16583	16336	16501	0.87	cps
Yttrium	89-1	9557748	9915039	9938808	9803865	2.18	cps
Yttrium	89-2	2683749	2660421	2663486	2669219	0.47	cps
Zinc	66-2	7605	7435	8016	7685	3.88	cps
Zirconium	90-1	3767	3864	3864	3832	1.46	cps
Zirconium	91-1	870	917	917	901	2.99	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:13:51	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	993575	986644	981148	987123	0.63	cps
Antimony	121-1	110665	113759	114414	112946	1.77	cps
Arsenic	75-2	9556	9647	9336	9513	1.68	cps
Barium	135-1	589224	604799	601481	598501	1.37	cps
Barium	137-1	1020995	1039604	1041776	1034125	1.10	cps
Beryllium	9-1	9558	10112	9872	9847	2.82	cps
Bismuth	209-1	3566885	3575835	3605429	3582716	0.56	cps
Bismuth	209-2	3117971	3141093	3125837	3128300	0.38	cps
Bromine	81-1	5431	5534	5391	5452	1.36	cps
Bromine	81-2	87	63	83	78	16.23	cps
Cadmium	108-1	923	940	943	936	1.15	cps
Cadmium	106-1	2950	3044	2930	2975	2.03	cps
Cadmium	111-1	15125	14782	14724	14877	1.46	cps
Calcium	43-1	41614	42857	42737	42402	1.62	cps
Calcium	44-1	701526	719649	718220	713132	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	149920	147729	148398	148682	0.76	cps
Cobalt	59-2	471176	469471	466079	468909	0.55	cps
Copper	63-2	197088	198334	195862	197095	0.63	cps
Dysprosium	156-1	6408	6865	6398	6557	4.07	cps
Dysprosium	156-2	5801	5855	6035	5897	2.07	cps
Erbium	164-1	5461	5675	5638	5591	2.04	cps
Erbium	164-2	4301	4004	4097	4134	3.67	cps
Gadolinium	160-1	6095	6332	6311	6246	2.10	cps
Gadolinium	160-2	5114	5018	5141	5091	1.28	cps
Holmium	165-1	5938772	6123417	6000899	6021029	1.56	cps
Holmium	165-2	4547898	4467738	4479195	4498277	0.96	cps
Indium	115-1	5453052	5446781	5324714	5408182	1.34	cps
Indium	115-2	2036741	2054052	2013855	2034883	0.99	cps
Iron	56-2	47004139	47388793	46833701	47075544	0.60	cps
Iron	57-2	1223567	1217046	1225724	1222112	0.37	cps
Iron	54-2	2667478	2630617	2599689	2632594	1.29	cps
Krypton	83-1	217	277	270	254	12.92	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:13:51	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	44041	45717	45566	45108	2.05	cps
Lead	207-1	38708	40634	39019	39454	2.62	cps
Lead	208-1	174547	180712	179507	178256	1.83	cps
Lithium	6-1	826513	827571	833244	829109	0.44	cps
Magnesium	24-2	678645	675161	678423	677409	0.29	cps
Manganese	55-2	865099	867228	858494	863607	0.53	cps
Molybdenum	94-1	7722	7512	7512	7582	1.60	cps
Molybdenum	95-1	1417	1483	1497	1466	2.92	cps
Molybdenum	96-1	2910	2940	2960	2937	0.86	cps
Molybdenum	97-1	883	847	887	872	2.54	cps
Molybdenum	98-1	2300	2247	2244	2264	1.40	cps
Neodymium	150-1	11648	11515	11738	11634	0.97	cps
Neodymium	150-2	7212	7392	7169	7257	1.63	cps
Nickel	60-2	124610	123601	124142	124118	0.41	cps
Phosphorus	31-2	4091	3881	4064	4012	2.85	cps
Potassium	39-2	687976	687092	687415	687494	0.07	cps
Rhodium	103-1	5242481	5404316	5278360	5308386	1.60	cps
Rhodium	103-2	3297267	3370622	3341445	3336445	1.11	cps
Scandium	45-1	3788783	3876525	3902703	3856003	1.55	cps
Scandium	45-2	350241	349537	350435	350071	0.14	cps
Selenium	82-1	2580	2810	2825	2738	5.02	cps
Selenium	77-2	280	300	283	288	3.72	cps
Selenium	78-2	1160	1203	1220	1195	2.59	cps
Silicon	28-1	3888718	3925674	3991267	3935220	1.32	cps
Silver	107-1	58912	60439	61510	60287	2.17	cps
Silver	109-1	55529	57711	57306	56849	2.04	cps
Sodium	23-2	76090	76787	74918	75931	1.24	cps
Strontium	86-1	24961	24577	24350	24630	1.25	cps
Strontium	88-1	208990	210613	212040	210548	0.72	cps
Sulfur	34-1	197421	199150	199301	198624	0.53	cps
Terbium	159-1	6225252	6412252	6205348	6280950	1.82	cps
Terbium	159-2	4444572	4493712	4425945	4454743	0.79	cps
Thallium	203-1	37856	40159	38437	38817	3.09	cps
Thallium	205-1	90737	93153	91958	91949	1.31	cps
Tin	118-1	2614	2514	2687	2605	3.34	cps
Titanium	47-1	244572	248357	249867	247598	1.10	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:13:51	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1934	1954	1987	1958	1.38	cps
Vanadium	51-2	343969	347095	348710	346591	0.70	cps
Yttrium	89-1	9892983	9884946	9872181	9883370	0.11	cps
Yttrium	89-2	2696905	2700655	2666730	2688097	0.69	cps
Zinc	66-2	77798	77449	76930	77392	0.56	cps
Zirconium	90-1	17941	18275	18422	18213	1.35	cps
Zirconium	91-1	4071	3917	3887	3958	2.49	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:17:11	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1100713	1100491	1097071	1099425	0.19	cps
Antimony	121-1	470777	482735	481718	478410	1.39	cps
Arsenic	75-2	18802	18515	18008	18442	2.18	cps
Barium	135-1	2123950	2121746	2110865	2118854	0.33	cps
Barium	137-1	3669099	3662411	3654378	3661963	0.20	cps
Beryllium	9-1	35135	34614	35085	34944	0.82	cps
Bismuth	209-1	3530777	3534877	3558644	3541432	0.42	cps
Bismuth	209-2	3112788	3185110	3149563	3149154	1.15	cps
Bromine	81-1	5081	5254	5264	5200	1.98	cps
Bromine	81-2	110	77	67	84	26.87	cps
Cadmium	108-1	4007	3924	3917	3949	1.27	cps
Cadmium	106-1	7252	7032	6932	7072	2.32	cps
Cadmium	111-1	59678	60091	59761	59843	0.37	cps
Calcium	43-1	41213	41446	41543	41401	0.41	cps
Calcium	44-1	685867	695800	693797	691821	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	454942	452227	451074	452748	0.44	cps
Cobalt	59-2	1638667	1637463	1611398	1629176	0.95	cps
Copper	63-2	594853	589618	587391	590621	0.65	cps
Dysprosium	156-1	6458	6201	6382	6347	2.08	cps
Dysprosium	156-2	5524	5941	5918	5795	4.04	cps
Erbium	164-1	5605	5494	5311	5470	2.71	cps
Erbium	164-2	4027	4057	4114	4066	1.08	cps
Gadolinium	160-1	6021	6011	6171	6068	1.48	cps
Gadolinium	160-2	4801	4971	5134	4969	3.36	cps
Holmium	165-1	5990090	6026405	5968263	5994919	0.49	cps
Holmium	165-2	4472084	4526833	4476145	4491688	0.68	cps
Indium	115-1	5398796	5537285	5467803	5467962	1.27	cps
Indium	115-2	1996557	1982267	1998175	1992333	0.44	cps
Iron	56-2	47773921	47033856	46939783	47249187	0.97	cps
Iron	57-2	1227679	1211573	1209395	1216215	0.82	cps
Iron	54-2	2661286	2580277	2631317	2624293	1.56	cps
Krypton	83-1	287	247	330	288	14.48	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:17:11	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	84665	85846	85654	85388	0.74	cps
Lead	207-1	73474	74687	75404	74522	1.31	cps
Lead	208-1	335022	339057	338189	337423	0.63	cps
Lithium	6-1	837696	847074	843889	842886	0.57	cps
Magnesium	24-2	653316	655184	650279	652926	0.38	cps
Manganese	55-2	1362206	1356122	1374239	1364189	0.68	cps
Molybdenum	94-1	7172	7275	7325	7257	1.08	cps
Molybdenum	95-1	1290	1330	1300	1307	1.59	cps
Molybdenum	96-1	2634	2817	2780	2744	3.54	cps
Molybdenum	97-1	820	757	920	832	9.90	cps
Molybdenum	98-1	2053	2124	2067	2081	1.79	cps
Neodymium	150-1	10711	10701	11465	10959	4.00	cps
Neodymium	150-2	7022	6872	6965	6953	1.09	cps
Nickel	60-2	417228	416879	415728	416612	0.19	cps
Phosphorus	31-2	3650	3951	3911	3837	4.25	cps
Potassium	39-2	666743	667727	657403	663958	0.86	cps
Rhodium	103-1	5298801	5366401	5330171	5331791	0.63	cps
Rhodium	103-2	3314900	3349972	3352060	3338977	0.63	cps
Scandium	45-1	3850529	3777432	3713191	3780384	1.82	cps
Scandium	45-2	348400	347388	345330	347039	0.45	cps
Selenium	82-1	9032	9197	9114	9114	0.90	cps
Selenium	77-2	857	940	907	901	4.65	cps
Selenium	78-2	3360	3664	3590	3538	4.47	cps
Silicon	28-1	3819471	3811925	3894157	3841851	1.18	cps
Silver	107-1	144240	147962	149710	147304	1.90	cps
Silver	109-1	138710	140961	141328	140333	1.01	cps
Sodium	23-2	75330	75397	75176	75301	0.15	cps
Strontium	86-1	23646	24033	24120	23933	1.05	cps
Strontium	88-1	203128	205379	205462	204656	0.65	cps
Sulfur	34-1	194919	195021	195051	194997	0.04	cps
Terbium	159-1	6289581	6221008	6251201	6253930	0.55	cps
Terbium	159-2	4470897	4440817	4513709	4475141	0.82	cps
Thallium	203-1	167247	166504	168164	167305	0.50	cps
Thallium	205-1	391942	396872	396706	395173	0.71	cps
Tin	118-1	2374	2567	2747	2562	7.29	cps
Titanium	47-1	240752	242037	243905	242231	0.65	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4306-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAM9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 18:17:11	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1850	1890	1987	1909	3.68	cps
Vanadium	51-2	1036966	1035660	1016904	1029843	1.09	cps
Yttrium	89-1	10066811	9972618	9874024	9971151	0.97	cps
Yttrium	89-2	2679266	2692487	2675729	2682494	0.33	cps
Zinc	66-2	211332	211559	210308	211066	0.32	cps
Zirconium	90-1	17938	18001	20181	18707	6.83	cps
Zirconium	91-1	4124	3957	3997	4026	2.16	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:20:22	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10896756	11000375	10973534	10956888	0.49	cps
Antimony	121-1	3489730	3565873	3582067	3545890	1.39	cps
Arsenic	75-2	216848	214906	213150	214968	0.86	cps
Barium	135-1	3957229	4025162	4021698	4001363	0.96	cps
Barium	137-1	6883230	7113174	6921664	6972689	1.77	cps
Beryllium	9-1	538104	544225	540831	541053	0.57	cps
Bismuth	209-1	3483950	3548071	3536916	3522979	0.97	cps
Bismuth	209-2	3027480	3002214	2994743	3008146	0.57	cps
Bromine	81-1	5438	5704	5644	5596	2.50	cps
Bromine	81-2	87	90	90	89	2.16	cps
Cadmium	108-1	57564	58922	58123	58203	1.17	cps
Cadmium	106-1	83864	84447	83897	84069	0.39	cps
Cadmium	111-1	791382	809447	803654	801494	1.15	cps
Calcium	43-1	5060313	5208280	5235336	5167976	1.82	cps
Calcium	44-1	80787405	82618929	84296970	82567768	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1622328	1605597	1606125	1611350	0.59	cps
Cobalt	59-2	2482421	2429564	2488690	2466892	1.32	cps
Copper	63-2	17527184	17308374	17407569	17414376	0.63	cps
Dysprosium	156-1	310	277	297	294	5.70	cps
Dysprosium	156-2	353	257	250	287	20.17	cps
Erbium	164-1	183	170	220	191	13.55	cps
Erbium	164-2	87	113	130	110	19.87	cps
Gadolinium	160-1	170	137	153	153	10.87	cps
Gadolinium	160-2	223	253	233	237	6.45	cps
Holmium	165-1	6210783	6270278	6172790	6217950	0.79	cps
Holmium	165-2	4655394	4506322	4573957	4578558	1.63	cps
Indium	115-1	5319966	5397491	5346038	5354498	0.74	cps
Indium	115-2	1974720	1945732	1986715	1969056	1.07	cps
Iron	56-2	335376602	335748808	333229155	334784855	0.41	cps
Iron	57-2	8379678	8514909	8395165	8429917	0.88	cps
Iron	54-2	18639697	18647882	18499783	18595788	0.45	cps
Krypton	83-1	243	263	283	263	7.59	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:20:22	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9858981	10259026	10087737	10068581	1.99	cps
Lead	207-1	8766667	8964478	8880862	8870669	1.12	cps
Lead	208-1	39296963	40497154	40374727	40056281	1.65	cps
Lithium	6-1	849614	864543	847399	853852	1.09	cps
Magnesium	24-2	69159227	68727681	68751661	68879523	0.35	cps
Manganese	55-2	11430972	11330186	11439314	11400157	0.53	cps
Molybdenum	94-1	13011974	13303146	13523928	13279683	1.93	cps
Molybdenum	95-1	18792462	19103741	19409071	19101758	1.61	cps
Molybdenum	96-1	20407419	20803063	20950640	20720374	1.36	cps
Molybdenum	97-1	11577960	11832526	11914767	11775085	1.49	cps
Molybdenum	98-1	29851750	30821031	30338626	30337136	1.60	cps
Neodymium	150-1	140	187	207	178	19.24	cps
Neodymium	150-2	80	70	67	72	9.61	cps
Nickel	60-2	616312	612800	613134	614082	0.32	cps
Phosphorus	31-2	99497	98796	97572	98622	0.99	cps
Potassium	39-2	47122259	46992974	46427549	46847594	0.79	cps
Rhodium	103-1	5117754	5115964	5123017	5118912	0.07	cps
Rhodium	103-2	3184295	3208875	3203963	3199044	0.41	cps
Scandium	45-1	3852925	3863562	3910495	3875660	0.79	cps
Scandium	45-2	357720	353891	354947	355519	0.56	cps
Selenium	82-1	52549	53868	53940	53452	1.47	cps
Selenium	77-2	5421	5448	5501	5457	0.75	cps
Selenium	78-2	19072	19233	19019	19108	0.58	cps
Silicon	28-1	10069926	10137133	10080285	10095781	0.36	cps
Silver	107-1	4106693	4116845	4092119	4105219	0.30	cps
Silver	109-1	3903530	3938421	3922288	3921413	0.45	cps
Sodium	23-2	116490062	114487818	114884625	115287502	0.92	cps
Strontium	86-1	27625320	28377463	28579516	28194100	1.78	cps
Strontium	88-1	238838736	245490483	247414316	243914512	1.84	cps
Sulfur	34-1	513441	508511	500770	507574	1.26	cps
Terbium	159-1	6537381	6478854	6475774	6497336	0.53	cps
Terbium	159-2	4513765	4552014	4610730	4558836	1.07	cps
Thallium	203-1	2458816	2536050	2570766	2521877	2.27	cps
Thallium	205-1	5874210	6014127	6108571	5998969	1.97	cps
Tin	118-1	2563923	2617425	2651169	2610839	1.69	cps
Titanium	47-1	5375778	5550767	5530748	5485765	1.75	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:20:22	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7572784	7699428	7644761	7638991	0.83	cps
Vanadium	51-2	1454177	1463993	1442811	1453660	0.73	cps
Yttrium	89-1	10095144	10035625	10119320	10083363	0.43	cps
Yttrium	89-2	2619259	2702660	2681565	2667828	1.63	cps
Zinc	66-2	2943140	2936998	2897790	2925976	0.84	cps
Zirconium	90-1	5977914	6044528	6111046	6044496	1.10	cps
Zirconium	91-1	1313919	1345034	1341649	1333534	1.28	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:23:11	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	483	500	500	3.33	cps
Antimony	121-1	2670	2487	2610	2589	3.61	cps
Arsenic	75-2	17	20	13	17	20.01	cps
Barium	135-1	177	143	147	156	11.80	cps
Barium	137-1	347	287	260	298	14.91	cps
Beryllium	9-1	50	63	84	66	25.54	cps
Bismuth	209-1	3401097	3438663	3455687	3431816	0.81	cps
Bismuth	209-2	3060904	3085941	3048958	3065268	0.62	cps
Bromine	81-1	5248	5354	5474	5359	2.12	cps
Bromine	81-2	93	87	80	87	7.69	cps
Cadmium	108-1	23	20	17	20	16.65	cps
Cadmium	106-1	1657	1513	1437	1536	7.27	cps
Cadmium	111-1	1243	1092	1054	1130	8.87	cps
Calcium	43-1	810	693	727	743	8.08	cps
Calcium	44-1	28247	27879	27853	27993	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1083	1080	1057	1073	1.35	cps
Cobalt	59-2	130	160	200	163	21.50	cps
Copper	63-2	1270	1253	1167	1230	4.51	cps
Dysprosium	156-1	153	160	120	144	14.84	cps
Dysprosium	156-2	33	40	33	36	10.83	cps
Erbium	164-1	43	50	43	46	8.45	cps
Erbium	164-2	47	20	33	33	40.01	cps
Gadolinium	160-1	40	23	23	29	33.32	cps
Gadolinium	160-2	113	177	177	156	23.50	cps
Holmium	165-1	5691240	5780359	5819858	5763819	1.14	cps
Holmium	165-2	4357592	4356486	4296057	4336712	0.81	cps
Indium	115-1	5107046	5180645	5344311	5210667	2.33	cps
Indium	115-2	1946921	1957345	1989960	1964742	1.14	cps
Iron	56-2	19106	18735	19055	18965	1.06	cps
Iron	57-2	3167	3350	3117	3211	3.83	cps
Iron	54-2	2194	2284	2467	2315	6.02	cps
Krypton	83-1	300	227	187	238	24.17	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:23:11	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1050	997	860	969	10.11	cps
Lead	207-1	883	883	843	870	2.65	cps
Lead	208-1	4234	4004	3720	3986	6.45	cps
Lithium	6-1	762067	788881	793121	781356	2.16	cps
Magnesium	24-2	1427	1453	1367	1416	3.14	cps
Manganese	55-2	657	653	613	641	3.76	cps
Molybdenum	94-1	2584	1850	1707	2047	22.98	cps
Molybdenum	95-1	1017	813	843	891	12.32	cps
Molybdenum	96-1	1477	1253	1060	1263	16.51	cps
Molybdenum	97-1	627	523	577	576	8.98	cps
Molybdenum	98-1	1640	1467	1273	1460	12.56	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	20	3	8	137.80	cps
Nickel	60-2	217	157	147	173	21.84	cps
Phosphorus	31-2	133	197	213	181	23.31	cps
Potassium	39-2	96107	96453	95950	96170	0.27	cps
Rhodium	103-1	5026888	5113929	5158212	5099676	1.31	cps
Rhodium	103-2	3245053	3290179	3272335	3269189	0.70	cps
Scandium	45-1	3586056	3587766	3757266	3643696	2.70	cps
Scandium	45-2	335557	334201	336926	335561	0.41	cps
Selenium	82-1	301	359	434	365	18.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	357	353	357	356	0.54	cps
Silicon	28-1	386251	389532	387616	387799	0.42	cps
Silver	107-1	470	393	307	390	20.95	cps
Silver	109-1	370	347	273	330	15.29	cps
Sodium	23-2	75427	75028	74904	75120	0.36	cps
Strontium	86-1	1033	800	877	903	13.17	cps
Strontium	88-1	6108	4477	3804	4796	24.70	cps
Sulfur	34-1	222026	221285	220947	221419	0.25	cps
Terbium	159-1	5902156	5984380	5987966	5958167	0.81	cps
Terbium	159-2	4337449	4426246	4306317	4356671	1.43	cps
Thallium	203-1	537	423	413	458	14.96	cps
Thallium	205-1	1043	1013	890	982	8.27	cps
Tin	118-1	1953	1913	1923	1930	1.08	cps
Titanium	47-1	343	367	380	363	5.11	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:23:11	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	163	153	170	162	5.17	cps
Vanadium	51-2	70	40	37	49	37.55	cps
Yttrium	89-1	9261476	9465789	9463066	9396777	1.25	cps
Yttrium	89-2	2614270	2635561	2579156	2609662	1.09	cps
Zinc	66-2	757	880	780	806	8.13	cps
Zirconium	90-1	5184	3704	3380	4090	23.52	cps
Zirconium	91-1	1143	850	680	891	26.30	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BL	Instrumnet Name :	P7
Client Sample ID :	PBS187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:26:29	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4974	4641	4611	4742	4.25	cps
Antimony	121-1	390	637	627	551	25.33	cps
Arsenic	75-2	10	13	20	14	35.26	cps
Barium	135-1	117	120	83	107	19.01	cps
Barium	137-1	190	200	170	187	8.18	cps
Beryllium	9-1	47	67	43	52	24.14	cps
Bismuth	209-1	3677043	3669801	3641496	3662780	0.51	cps
Bismuth	209-2	3183757	3186754	3188877	3186463	0.08	cps
Bromine	81-1	5008	5321	4954	5094	3.89	cps
Bromine	81-2	63	47	63	58	16.65	cps
Cadmium	108-1	10	10	20	13	43.30	cps
Cadmium	106-1	1667	1603	1577	1616	2.86	cps
Cadmium	111-1	1183	1139	1110	1144	3.23	cps
Calcium	43-1	603	667	613	628	5.42	cps
Calcium	44-1	26270	26427	26363	26353	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	910	800	900	870	6.99	cps
Cobalt	59-2	127	107	90	108	17.03	cps
Copper	63-2	877	860	887	874	1.54	cps
Dysprosium	156-1	150	173	123	149	16.80	cps
Dysprosium	156-2	33	40	33	36	10.83	cps
Erbium	164-1	43	43	50	46	8.45	cps
Erbium	164-2	23	27	20	23	14.29	cps
Gadolinium	160-1	23	27	30	27	12.51	cps
Gadolinium	160-2	140	173	137	150	13.52	cps
Holmium	165-1	6100484	6026482	6053398	6060121	0.62	cps
Holmium	165-2	4493206	4550586	4491719	4511837	0.74	cps
Indium	115-1	5498328	5506232	5388594	5464385	1.20	cps
Indium	115-2	2095229	2052981	2057015	2068408	1.13	cps
Iron	56-2	14354	14677	14520	14517	1.11	cps
Iron	57-2	3017	3194	3200	3137	3.32	cps
Iron	54-2	1867	1850	1713	1810	4.65	cps
Krypton	83-1	237	240	287	254	10.99	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BL	Instrumnet Name :	P7
Client Sample ID :	PBS187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:26:29	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	697	620	587	634	8.89	cps
Lead	207-1	620	630	553	601	6.93	cps
Lead	208-1	2857	2680	2593	2710	4.95	cps
Lithium	6-1	825376	830304	823059	826246	0.45	cps
Magnesium	24-2	757	820	907	828	9.10	cps
Manganese	55-2	1300	1290	1267	1286	1.33	cps
Molybdenum	94-1	353	380	417	383	8.30	cps
Molybdenum	95-1	217	310	363	297	25.02	cps
Molybdenum	96-1	320	333	377	343	8.63	cps
Molybdenum	97-1	187	123	97	136	34.10	cps
Molybdenum	98-1	430	440	410	427	3.58	cps
Neodymium	150-1	0	10	3	4	114.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	107	103	113	108	4.72	cps
Phosphorus	31-2	160	220	137	172	24.96	cps
Potassium	39-2	95339	94632	93592	94521	0.93	cps
Rhodium	103-1	5464250	5362489	5421265	5416001	0.94	cps
Rhodium	103-2	3447364	3418345	3419748	3428486	0.48	cps
Scandium	45-1	3895345	3901427	3834875	3877216	0.95	cps
Scandium	45-2	351266	351844	349510	350873	0.35	cps
Selenium	82-1	378	354	342	358	5.18	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	353	360	330	348	4.53	cps
Silicon	28-1	379262	379284	378678	379074	0.09	cps
Silver	107-1	143	180	123	149	19.30	cps
Silver	109-1	123	103	127	118	10.72	cps
Sodium	23-2	69148	68434	67350	68311	1.33	cps
Strontium	86-1	567	510	510	529	6.19	cps
Strontium	88-1	1693	1563	1363	1540	10.79	cps
Sulfur	34-1	220920	222526	220295	221247	0.52	cps
Terbium	159-1	6365140	6265641	6254562	6295114	0.97	cps
Terbium	159-2	4553967	4488980	4517634	4520193	0.72	cps
Thallium	203-1	227	197	267	230	15.27	cps
Thallium	205-1	603	537	617	586	7.32	cps
Tin	118-1	1387	1213	1473	1358	9.75	cps
Titanium	47-1	260	273	240	258	6.51	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BL	Instrumnet Name :	P7
Client Sample ID :	PBS187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:26:29	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	37	50	42	16.43	cps
Vanadium	51-2	43	37	47	42	12.06	cps
Yttrium	89-1	10034321	10073853	9771190	9959788	1.65	cps
Yttrium	89-2	2766906	2680619	2693905	2713810	1.71	cps
Zinc	66-2	1217	983	1083	1094	10.70	cps
Zirconium	90-1	627	640	620	629	1.62	cps
Zirconium	91-1	137	173	147	152	12.45	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BS	Instrumnet Name :	P7
Client Sample ID :	LCS187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:29:51	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8356	8422	8072	8283	2.24	cps
Antimony	121-1	27072	27326	26772	27057	1.03	cps
Arsenic	75-2	1013	973	1053	1013	3.95	cps
Barium	135-1	30175	30496	30867	30513	1.13	cps
Barium	137-1	51784	52855	52630	52423	1.08	cps
Beryllium	9-1	2237	2204	2410	2284	4.86	cps
Bismuth	209-1	3614774	3629509	3545511	3596598	1.25	cps
Bismuth	209-2	3110187	3206713	3201427	3172775	1.71	cps
Bromine	81-1	5021	5168	5091	5093	1.44	cps
Bromine	81-2	30	60	53	48	32.97	cps
Cadmium	108-1	287	313	277	292	6.49	cps
Cadmium	106-1	2077	2207	2027	2104	4.42	cps
Cadmium	111-1	4947	5283	5202	5144	3.41	cps
Calcium	43-1	21445	21439	21769	21551	0.88	cps
Calcium	44-1	364543	368693	367175	366804	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16132	16302	16269	16234	0.56	cps
Cobalt	59-2	10851	10167	10264	10427	3.55	cps
Copper	63-2	16339	15965	16122	16142	1.16	cps
Dysprosium	156-1	173	163	140	159	10.77	cps
Dysprosium	156-2	20	27	50	32	48.88	cps
Erbium	164-1	60	73	53	62	16.37	cps
Erbium	164-2	23	50	20	31	52.86	cps
Gadolinium	160-1	40	27	23	30	29.40	cps
Gadolinium	160-2	127	177	237	180	30.60	cps
Holmium	165-1	6135331	6158092	5998573	6097332	1.42	cps
Holmium	165-2	4528549	4506798	4537928	4524425	0.35	cps
Indium	115-1	5553724	5509639	5483393	5515585	0.64	cps
Indium	115-2	2062994	2068107	2017365	2049488	1.36	cps
Iron	56-2	1235648	1228329	1229735	1231237	0.32	cps
Iron	57-2	33491	33942	33758	33730	0.67	cps
Iron	54-2	71003	69995	68686	69895	1.66	cps
Krypton	83-1	253	267	257	259	2.68	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BS	Instrumnet Name :	P7
Client Sample ID :	LCS187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:29:51	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8239	8209	8283	8244	0.45	cps
Lead	207-1	7555	6885	7099	7180	4.77	cps
Lead	208-1	32712	32693	32489	32631	0.38	cps
Lithium	6-1	827625	824921	823043	825196	0.28	cps
Magnesium	24-2	313001	313727	310546	312424	0.53	cps
Manganese	55-2	6115	6575	6175	6288	3.98	cps
Molybdenum	94-1	29764	29543	30181	29829	1.09	cps
Molybdenum	95-1	35560	34708	35396	35221	1.28	cps
Molybdenum	96-1	38447	39243	39346	39012	1.26	cps
Molybdenum	97-1	21756	22307	21917	21993	1.29	cps
Molybdenum	98-1	54886	57403	55703	55997	2.29	cps
Neodymium	150-1	20	17	20	19	10.18	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	2834	2910	3040	2928	3.57	cps
Phosphorus	31-2	193	180	157	177	10.51	cps
Potassium	39-2	502880	504809	501372	503020	0.34	cps
Rhodium	103-1	5382613	5450477	5385578	5406223	0.71	cps
Rhodium	103-2	3482314	3434381	3405133	3440610	1.13	cps
Scandium	45-1	3891323	3933422	3890903	3905216	0.63	cps
Scandium	45-2	353783	351297	351549	352210	0.39	cps
Selenium	82-1	1473	1553	1560	1528	3.17	cps
Selenium	77-2	123	130	150	134	10.32	cps
Selenium	78-2	850	767	840	819	5.56	cps
Silicon	28-1	448764	452011	457129	452635	0.93	cps
Silver	107-1	15775	16416	16122	16105	1.99	cps
Silver	109-1	14464	15208	15368	15013	3.21	cps
Sodium	23-2	565512	570725	565661	567299	0.52	cps
Strontium	86-1	5328	4958	5041	5109	3.80	cps
Strontium	88-1	40860	41452	41508	41273	0.87	cps
Sulfur	34-1	228648	230545	232387	230527	0.81	cps
Terbium	159-1	6444830	6259219	6311851	6338633	1.51	cps
Terbium	159-2	4534458	4529369	4514592	4526139	0.23	cps
Thallium	203-1	9450	9610	9937	9666	2.57	cps
Thallium	205-1	22312	23013	22065	22463	2.19	cps
Tin	118-1	1370	1340	1310	1340	2.24	cps
Titanium	47-1	10387	10764	10650	10600	1.82	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BS	Instrumnet Name :	P7
Client Sample ID :	LCS187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:29:51	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26503	27138	26817	26819	1.18	cps
Vanadium	51-2	30007	30414	30267	30229	0.68	cps
Yttrium	89-1	10119075	10021605	9890260	10010314	1.15	cps
Yttrium	89-2	2725890	2687711	2722858	2712153	0.78	cps
Zinc	66-2	7229	6845	7529	7201	4.76	cps
Zirconium	90-1	25409	25165	25248	25274	0.49	cps
Zirconium	91-1	5624	5654	5634	5638	0.27	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:33:11	DataFile Name :	049LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16803	16896	17110	16936	0.93	cps
Antimony	121-1	13917	13703	14204	13941	1.80	cps
Arsenic	75-2	470	457	463	463	1.44	cps
Barium	135-1	15762	15148	15579	15496	2.03	cps
Barium	137-1	27076	27039	27126	27080	0.16	cps
Beryllium	9-1	1190	1260	1084	1178	7.56	cps
Bismuth	209-1	3692798	3636543	3595502	3641614	1.34	cps
Bismuth	209-2	3190625	3181072	3170833	3180844	0.31	cps
Bromine	81-1	5244	5464	5341	5350	2.06	cps
Bromine	81-2	37	63	50	50	26.66	cps
Cadmium	108-1	130	190	157	159	18.92	cps
Cadmium	106-1	1953	1850	1793	1866	4.35	cps
Cadmium	111-1	3323	3202	3133	3219	3.00	cps
Calcium	43-1	11878	11735	11868	11827	0.68	cps
Calcium	44-1	208257	209636	210747	209546	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8643	8983	8959	8862	2.14	cps
Cobalt	59-2	5334	5218	5274	5275	1.11	cps
Copper	63-2	9336	9126	9380	9281	1.46	cps
Dysprosium	156-1	160	117	157	144	16.69	cps
Dysprosium	156-2	27	37	53	39	34.63	cps
Erbium	164-1	37	43	67	49	32.22	cps
Erbium	164-2	70	27	13	37	80.80	cps
Gadolinium	160-1	30	33	47	37	24.06	cps
Gadolinium	160-2	193	210	213	206	5.21	cps
Holmium	165-1	6135598	6003358	6080411	6073122	1.09	cps
Holmium	165-2	4536270	4559927	4598720	4564972	0.69	cps
Indium	115-1	5444767	5501242	5416901	5454303	0.79	cps
Indium	115-2	2051931	2026035	2048428	2042131	0.69	cps
Iron	56-2	639948	640173	641192	640438	0.10	cps
Iron	57-2	19266	19092	18835	19064	1.14	cps
Iron	54-2	37457	37022	36762	37080	0.95	cps
Krypton	83-1	257	243	227	242	6.21	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:33:11	DataFile Name :	049LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4514	4601	4587	4567	1.02	cps
Lead	207-1	3867	4024	3854	3915	2.42	cps
Lead	208-1	18085	18238	17815	18046	1.19	cps
Lithium	6-1	830159	835977	839433	835190	0.56	cps
Magnesium	24-2	161800	160684	160677	161053	0.40	cps
Manganese	55-2	4224	4117	4267	4203	1.84	cps
Molybdenum	94-1	15061	15208	15168	15146	0.50	cps
Molybdenum	95-1	17838	18181	17948	17989	0.98	cps
Molybdenum	96-1	19837	20298	20201	20112	1.21	cps
Molybdenum	97-1	11098	11388	11421	11302	1.57	cps
Molybdenum	98-1	28979	28949	28752	28893	0.43	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	13	3	17	11	62.48	cps
Nickel	60-2	1873	1797	1763	1811	3.11	cps
Phosphorus	31-2	180	163	213	186	13.72	cps
Potassium	39-2	301881	302729	302015	302208	0.15	cps
Rhodium	103-1	5427774	5409667	5513130	5450190	1.01	cps
Rhodium	103-2	3397624	3415432	3387852	3400303	0.41	cps
Scandium	45-1	3907103	3835436	3890146	3877562	0.97	cps
Scandium	45-2	358386	353066	351620	354358	1.01	cps
Selenium	82-1	905	999	982	962	5.19	cps
Selenium	77-2	40	43	37	40	8.32	cps
Selenium	78-2	660	570	597	609	7.59	cps
Silicon	28-1	414980	419956	419697	418211	0.67	cps
Silver	107-1	8109	8196	8463	8256	2.23	cps
Silver	109-1	7572	7569	7625	7589	0.42	cps
Sodium	23-2	319462	320778	327743	322661	1.38	cps
Strontium	86-1	2730	2784	2780	2765	1.08	cps
Strontium	88-1	21492	21472	21466	21477	0.06	cps
Sulfur	34-1	235646	239322	236959	237309	0.78	cps
Terbium	159-1	6286746	6289262	6305561	6293856	0.16	cps
Terbium	159-2	4540955	4469320	4587052	4532442	1.31	cps
Thallium	203-1	4751	4911	4651	4771	2.75	cps
Thallium	205-1	11382	11442	11718	11514	1.56	cps
Tin	118-1	1653	1527	1533	1571	4.54	cps
Titanium	47-1	5724	5591	5581	5632	1.42	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164187BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD187	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:33:11	DataFile Name :	049LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13023	13610	13504	13379	2.34	cps
Vanadium	51-2	15385	15104	15495	15328	1.31	cps
Yttrium	89-1	10113092	10013471	10056019	10060861	0.50	cps
Yttrium	89-2	2733503	2733193	2713403	2726700	0.42	cps
Zinc	66-2	6318	6381	6481	6394	1.29	cps
Zirconium	90-1	12979	12812	13343	13045	2.08	cps
Zirconium	91-1	2887	2800	3027	2905	3.94	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01	Instrumnet Name :	P7
Client Sample ID :	MYDAN1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:36:32	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7252511	7319621	7108324	7226818	1.49	cps
Antimony	121-1	9640	10074	10387	10034	3.74	cps
Arsenic	75-2	36047	35573	35345	35655	1.00	cps
Barium	135-1	482813	503570	500890	495758	2.28	cps
Barium	137-1	834802	864920	864706	854810	2.03	cps
Beryllium	9-1	1603	1586	1597	1595	0.53	cps
Bismuth	209-1	3356268	3442679	3462430	3420459	1.65	cps
Bismuth	209-2	3051830	3048875	3054244	3051650	0.09	cps
Bromine	81-1	6475	5931	6385	6264	4.65	cps
Bromine	81-2	413	400	433	416	4.04	cps
Cadmium	108-1	230	233	237	233	1.43	cps
Cadmium	106-1	2074	2064	2004	2047	1.85	cps
Cadmium	111-1	3017	3008	3060	3028	0.92	cps
Calcium	43-1	446042	458119	460022	454728	1.67	cps
Calcium	44-1	6912422	7111341	7178137	7067300	1.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	162119	160322	162893	161778	0.82	cps
Cobalt	59-2	155999	155332	153368	154900	0.88	cps
Copper	63-2	339967	341803	337965	339912	0.56	cps
Dysprosium	156-1	43551	45246	45751	44849	2.57	cps
Dysprosium	156-2	40662	40167	40746	40525	0.77	cps
Erbium	164-1	36962	37571	39332	37955	3.24	cps
Erbium	164-2	27454	27604	28713	27924	2.46	cps
Gadolinium	160-1	42204	43711	44103	43339	2.31	cps
Gadolinium	160-2	33460	34055	32805	33440	1.87	cps
Holmium	165-1	5852074	5946207	5901066	5899782	0.80	cps
Holmium	165-2	4376541	4478718	4479290	4444850	1.33	cps
Indium	115-1	5251861	5353269	5260971	5288701	1.06	cps
Indium	115-2	1985311	1980825	1944587	1970241	1.13	cps
Iron	56-2	209424170	207414977	206052010	207630386	0.82	cps
Iron	57-2	5158511	5187216	5114410	5153379	0.71	cps
Iron	54-2	11517519	11671794	11501439	11563584	0.81	cps
Krypton	83-1	353	290	280	308	12.92	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01	Instrumnet Name :	P7
Client Sample ID :	MYDAN1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:36:32	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	178810	185765	184768	183114	2.05	cps
Lead	207-1	159130	162792	165167	162363	1.87	cps
Lead	208-1	713757	733635	738766	728719	1.81	cps
Lithium	6-1	805235	822976	838451	822221	2.02	cps
Magnesium	24-2	4270034	4264633	4170536	4235068	1.32	cps
Manganese	55-2	3767613	3755169	3732247	3751676	0.48	cps
Molybdenum	94-1	59698	61572	62151	61140	2.10	cps
Molybdenum	95-1	8302	9030	8876	8736	4.39	cps
Molybdenum	96-1	19800	20111	20251	20054	1.15	cps
Molybdenum	97-1	5058	5521	5468	5349	4.74	cps
Molybdenum	98-1	13506	13540	13827	13624	1.29	cps
Neodymium	150-1	78128	80079	80535	79581	1.61	cps
Neodymium	150-2	50560	50426	50028	50338	0.55	cps
Nickel	60-2	51983	52702	51990	52225	0.79	cps
Phosphorus	31-2	21298	20637	20841	20925	1.62	cps
Potassium	39-2	3557094	3538589	3552626	3549437	0.27	cps
Rhodium	103-1	5029344	5081435	5105191	5071990	0.76	cps
Rhodium	103-2	3301706	3268142	3291582	3287143	0.52	cps
Scandium	45-1	3873259	3978869	3943974	3932034	1.37	cps
Scandium	45-2	363147	365802	361737	363562	0.57	cps
Selenium	82-1	462	566	527	518	10.16	cps
Selenium	77-2	137	213	177	176	21.84	cps
Selenium	78-2	513	520	550	528	3.70	cps
Silicon	28-1	18635229	18745565	18978515	18786436	0.93	cps
Silver	107-1	2817	2507	2354	2559	9.23	cps
Silver	109-1	2567	2284	2187	2346	8.42	cps
Sodium	23-2	184245	181668	183145	183019	0.71	cps
Strontium	86-1	189124	195920	197892	194312	2.37	cps
Strontium	88-1	1712728	1723318	1740345	1725464	0.81	cps
Sulfur	34-1	228405	221491	217387	222428	2.50	cps
Terbium	159-1	6035792	6135366	6155119	6108759	1.05	cps
Terbium	159-2	4363380	4412388	4433437	4403069	0.82	cps
Thallium	203-1	1700	2030	1960	1897	9.17	cps
Thallium	205-1	4331	4557	4718	4535	4.29	cps
Tin	118-1	12953	13116	12692	12920	1.65	cps
Titanium	47-1	1414300	1454709	1441091	1436700	1.43	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01	Instrumnet Name :	P7
Client Sample ID :	MYDAN1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:36:32	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15970	16013	16744	16242	2.68	cps
Vanadium	51-2	363311	361379	364417	363036	0.42	cps
Yttrium	89-1	10056068	10441382	10361046	10286165	1.98	cps
Yttrium	89-2	2866201	2786696	2836695	2829864	1.42	cps
Zinc	66-2	163815	161884	162406	162702	0.61	cps
Zirconium	90-1	151762	156058	158138	155319	2.09	cps
Zirconium	91-1	33986	34651	33973	34203	1.13	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-02	Instrumnet Name :	P7
Client Sample ID :	MYDAN1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:39:43	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7109304	7127457	7038000	7091587	0.67	cps
Antimony	121-1	9713	10077	9783	9858	1.96	cps
Arsenic	75-2	36522	36629	36221	36457	0.58	cps
Barium	135-1	508522	522982	531057	520853	2.19	cps
Barium	137-1	874914	903857	903649	894140	1.86	cps
Beryllium	9-1	1640	1717	1664	1673	2.36	cps
Bismuth	209-1	3398183	3474626	3448985	3440598	1.13	cps
Bismuth	209-2	3007688	3075639	3071331	3051553	1.25	cps
Bromine	81-1	6475	6311	6548	6445	1.88	cps
Bromine	81-2	340	433	420	398	12.69	cps
Cadmium	108-1	207	217	210	211	2.41	cps
Cadmium	106-1	2054	1980	2020	2018	1.82	cps
Cadmium	111-1	3133	3105	2981	3073	2.64	cps
Calcium	43-1	459626	463860	472763	465416	1.44	cps
Calcium	44-1	7078529	7385985	7409057	7291191	2.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	162215	165174	163210	163533	0.92	cps
Cobalt	59-2	158114	160741	161735	160197	1.17	cps
Copper	63-2	333075	333800	333857	333577	0.13	cps
Dysprosium	156-1	45015	46082	45955	45684	1.28	cps
Dysprosium	156-2	41762	41862	41889	41838	0.16	cps
Erbium	164-1	37567	39335	38817	38573	2.36	cps
Erbium	164-2	28573	28285	28870	28576	1.02	cps
Gadolinium	160-1	43554	44270	45310	44378	1.99	cps
Gadolinium	160-2	34990	33791	34837	34539	1.89	cps
Holmium	165-1	5835127	5940965	6049147	5941746	1.80	cps
Holmium	165-2	4399130	4396442	4428430	4408001	0.40	cps
Indium	115-1	5188946	5353108	5246060	5262704	1.58	cps
Indium	115-2	2003883	1964173	1984988	1984348	1.00	cps
Iron	56-2	211994504	212367264	215805157	213388975	0.98	cps
Iron	57-2	5246206	5293849	5345770	5295275	0.94	cps
Iron	54-2	11674912	11760318	11815694	11750308	0.60	cps
Krypton	83-1	307	363	280	317	13.44	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-02	Instrumnet Name :	P7
Client Sample ID :	MYDAN1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:39:43	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	182048	187579	188472	186033	1.87	cps
Lead	207-1	163575	164712	168106	165464	1.42	cps
Lead	208-1	731508	743179	751085	741924	1.33	cps
Lithium	6-1	817322	822714	822666	820901	0.38	cps
Magnesium	24-2	4392824	4310452	4290555	4331277	1.25	cps
Manganese	55-2	3920479	3899585	3929517	3916527	0.39	cps
Molybdenum	94-1	62389	63166	63601	63052	0.97	cps
Molybdenum	95-1	10958	10897	11244	11033	1.68	cps
Molybdenum	96-1	22481	22641	22968	22697	1.09	cps
Molybdenum	97-1	6812	6572	6972	6785	2.97	cps
Molybdenum	98-1	16826	17424	17601	17284	2.35	cps
Neodymium	150-1	79476	81376	84035	81629	2.81	cps
Neodymium	150-2	50808	51189	52146	51381	1.34	cps
Nickel	60-2	53053	53739	54151	53648	1.03	cps
Phosphorus	31-2	20694	21822	21332	21283	2.66	cps
Potassium	39-2	3667054	3743312	3668917	3693094	1.18	cps
Rhodium	103-1	5131158	5155440	5124526	5137041	0.32	cps
Rhodium	103-2	3284985	3267125	3293758	3281956	0.41	cps
Scandium	45-1	3869083	4022887	3954905	3948958	1.95	cps
Scandium	45-2	359038	362801	359868	360569	0.55	cps
Selenium	82-1	455	421	493	456	7.92	cps
Selenium	77-2	183	217	183	194	9.90	cps
Selenium	78-2	550	513	537	533	3.48	cps
Silicon	28-1	19336253	20185155	20103296	19874901	2.36	cps
Silver	107-1	2200	2364	2450	2338	5.43	cps
Silver	109-1	2100	2107	2254	2154	4.02	cps
Sodium	23-2	189828	190665	191313	190602	0.39	cps
Strontium	86-1	196827	201503	202178	200169	1.46	cps
Strontium	88-1	1771926	1795524	1817300	1794917	1.26	cps
Sulfur	34-1	207235	202030	200474	203246	1.74	cps
Terbium	159-1	6194645	6216389	6222491	6211175	0.24	cps
Terbium	159-2	4421026	4440366	4479103	4446832	0.67	cps
Thallium	203-1	1853	1987	2140	1993	7.20	cps
Thallium	205-1	4367	4681	5221	4756	9.08	cps
Tin	118-1	13133	13553	14060	13582	3.42	cps
Titanium	47-1	1432087	1488427	1463086	1461200	1.93	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-02	Instrumnet Name :	P7
Client Sample ID :	MYDAN1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:39:43	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16460	16751	16881	16697	1.29	cps
Vanadium	51-2	371010	367250	370846	369702	0.57	cps
Yttrium	89-1	10195841	10499564	10416456	10370620	1.51	cps
Yttrium	89-2	2782735	2840379	2840232	2821115	1.18	cps
Zinc	66-2	166474	168519	166625	167206	0.68	cps
Zirconium	90-1	153348	158743	160555	157549	2.38	cps
Zirconium	91-1	34351	34881	34908	34714	0.90	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAN1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-27 18:42:55	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1295587	1282653	1285140	1287793	0.53	cps
Antimony	121-1	1953	2007	2013	1991	1.65	cps
Arsenic	75-2	6688	6775	6518	6660	1.96	cps
Barium	135-1	87869	94920	94222	92337	4.21	cps
Barium	137-1	158762	157353	160748	158955	1.07	cps
Beryllium	9-1	286	323	263	291	10.43	cps
Bismuth	209-1	3273436	3475500	3348172	3365703	3.04	cps
Bismuth	209-2	2949248	3002880	3027709	2993279	1.34	cps
Bromine	81-1	5244	5331	4941	5172	3.96	cps
Bromine	81-2	87	110	110	102	13.18	cps
Cadmium	108-1	53	50	30	44	28.39	cps
Cadmium	106-1	1647	1477	1630	1585	5.91	cps
Cadmium	111-1	1412	1345	1483	1414	4.88	cps
Calcium	43-1	80573	85703	84403	83560	3.19	cps
Calcium	44-1	1310878	1390087	1340882	1347282	2.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30868	30284	30060	30404	1.37	cps
Cobalt	59-2	29582	29238	29038	29286	0.94	cps
Copper	63-2	61355	60883	61268	61169	0.41	cps
Dysprosium	156-1	8336	8626	8556	8506	1.78	cps
Dysprosium	156-2	7489	7389	7605	7494	1.45	cps
Erbium	164-1	6818	7159	7162	7046	2.80	cps
Erbium	164-2	5344	5101	4938	5128	3.99	cps
Gadolinium	160-1	7625	8196	7836	7886	3.66	cps
Gadolinium	160-2	6328	6091	6392	6270	2.52	cps
Holmium	165-1	5644650	5893879	6006008	5848179	3.16	cps
Holmium	165-2	4327682	4286335	4343276	4319097	0.68	cps
Indium	115-1	5008249	5320933	5351896	5227026	3.64	cps
Indium	115-2	1985479	1939368	1965893	1963580	1.18	cps
Iron	56-2	38427600	38417909	38271606	38372372	0.23	cps
Iron	57-2	1000129	997809	988907	995615	0.60	cps
Iron	54-2	2199176	2124541	2144896	2156204	1.79	cps
Krypton	83-1	293	230	260	261	12.13	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAN1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-27 18:42:55	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33297	35112	34420	34277	2.67	cps
Lead	207-1	30895	30170	30989	30685	1.46	cps
Lead	208-1	134701	136052	136597	135783	0.72	cps
Lithium	6-1	758449	836807	775598	790285	5.21	cps
Magnesium	24-2	806525	809691	797553	804590	0.78	cps
Manganese	55-2	703898	699158	696056	699704	0.56	cps
Molybdenum	94-1	11304	11591	11655	11517	1.62	cps
Molybdenum	95-1	1673	1787	1800	1753	3.97	cps
Molybdenum	96-1	3801	3937	3984	3907	2.44	cps
Molybdenum	97-1	1020	1013	1050	1028	1.90	cps
Molybdenum	98-1	2587	2697	2807	2697	4.08	cps
Neodymium	150-1	14431	14594	14724	14583	1.01	cps
Neodymium	150-2	9497	9310	9113	9306	2.06	cps
Nickel	60-2	9773	9730	9773	9759	0.26	cps
Phosphorus	31-2	4121	4211	4024	4118	2.27	cps
Potassium	39-2	779914	772429	774491	775611	0.50	cps
Rhodium	103-1	5238007	5033274	5239972	5170418	2.30	cps
Rhodium	103-2	3266546	3246334	3322654	3278511	1.21	cps
Scandium	45-1	3622016	3840116	3765716	3742616	2.96	cps
Scandium	45-2	340163	341167	341570	340967	0.21	cps
Selenium	82-1	344	400	405	383	8.90	cps
Selenium	77-2	20	40	43	34	36.64	cps
Selenium	78-2	397	360	350	369	6.66	cps
Silicon	28-1	3774862	3977375	3998107	3916782	3.15	cps
Silver	107-1	477	433	480	463	5.62	cps
Silver	109-1	523	510	470	501	5.54	cps
Sodium	23-2	85697	85114	85157	85322	0.38	cps
Strontium	86-1	36652	36923	36666	36747	0.42	cps
Strontium	88-1	307676	312795	315492	311988	1.27	cps
Sulfur	34-1	181834	183862	184634	183443	0.79	cps
Terbium	159-1	6061985	5966166	6038120	6022090	0.83	cps
Terbium	159-2	4375698	4311819	4387640	4358386	0.94	cps
Thallium	203-1	643	577	647	622	6.35	cps
Thallium	205-1	1320	1273	1287	1293	1.86	cps
Tin	118-1	3287	3377	3604	3423	4.77	cps
Titanium	47-1	263969	270183	273028	269060	1.72	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAN1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-27 18:42:55	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2827	3100	2987	2971	4.62	cps
Vanadium	51-2	65458	66281	66764	66168	1.00	cps
Yttrium	89-1	9315664	9792432	9422654	9510250	2.63	cps
Yttrium	89-2	2647428	2619389	2655742	2640853	0.72	cps
Zinc	66-2	29569	29399	29532	29500	0.30	cps
Zirconium	90-1	28504	30194	28745	29148	3.14	cps
Zirconium	91-1	6855	6191	6518	6522	5.09	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-03	Instrumnet Name :	P7
Client Sample ID :	MYDAN1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:46:10	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7076689	6909051	7122514	7036085	1.60	cps
Antimony	121-1	422813	435034	437030	431626	1.78	cps
Arsenic	75-2	47151	46660	47382	47064	0.78	cps
Barium	135-1	2566898	2644909	2615816	2609207	1.51	cps
Barium	137-1	4422442	4485824	4465225	4457830	0.73	cps
Beryllium	9-1	35509	36318	35694	35840	1.18	cps
Bismuth	209-1	3338224	3380909	3412710	3377281	1.11	cps
Bismuth	209-2	2941381	2986293	3012953	2980209	1.21	cps
Bromine	81-1	6105	5905	5738	5916	3.10	cps
Bromine	81-2	400	357	357	371	6.74	cps
Cadmium	108-1	3484	3570	3667	3574	2.57	cps
Cadmium	106-1	6728	6588	6468	6595	1.97	cps
Cadmium	111-1	52418	53938	54830	53729	2.27	cps
Calcium	43-1	436512	448660	456593	447255	2.26	cps
Calcium	44-1	6892443	6936885	7031062	6953464	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	604946	608021	601018	604662	0.58	cps
Cobalt	59-2	1805902	1751348	1803602	1786951	1.73	cps
Copper	63-2	883515	879830	878344	880563	0.30	cps
Dysprosium	156-1	42795	44179	43918	43631	1.69	cps
Dysprosium	156-2	40264	39395	40879	40179	1.86	cps
Erbium	164-1	36100	37076	37210	36795	1.65	cps
Erbium	164-2	27313	27009	26705	27009	1.13	cps
Gadolinium	160-1	40716	43380	42033	42043	3.17	cps
Gadolinium	160-2	32541	32795	32875	32737	0.53	cps
Holmium	165-1	5829656	5868049	5836404	5844703	0.35	cps
Holmium	165-2	4391963	4411883	4328235	4377360	1.00	cps
Indium	115-1	5107180	5207747	5269784	5194904	1.58	cps
Indium	115-2	1904038	1936324	1961200	1933854	1.48	cps
Iron	56-2	209807097	208073484	205208837	207696472	1.12	cps
Iron	57-2	5192721	5151779	5222270	5188923	0.68	cps
Iron	54-2	11460774	11643436	11479852	11528021	0.87	cps
Krypton	83-1	347	317	300	321	7.36	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-03	Instrumnet Name :	P7
Client Sample ID :	MYDAN1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:46:10	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	222453	229171	227991	226538	1.58	cps
Lead	207-1	197763	201912	201451	200375	1.13	cps
Lead	208-1	888544	907972	907437	901318	1.23	cps
Lithium	6-1	776239	783917	769674	776610	0.92	cps
Magnesium	24-2	4213570	4153867	4137171	4168203	0.96	cps
Manganese	55-2	4460905	4499489	4388844	4449746	1.26	cps
Molybdenum	94-1	58587	58436	59738	58920	1.21	cps
Molybdenum	95-1	9363	9396	9310	9356	0.47	cps
Molybdenum	96-1	19887	20381	20244	20171	1.26	cps
Molybdenum	97-1	5441	5624	5458	5508	1.84	cps
Molybdenum	98-1	14401	13900	14914	14405	3.52	cps
Neodymium	150-1	77287	77746	79693	78242	1.63	cps
Neodymium	150-2	49132	49319	49279	49243	0.20	cps
Nickel	60-2	469359	469975	466164	468499	0.44	cps
Phosphorus	31-2	20951	21141	20731	20941	0.98	cps
Potassium	39-2	3591133	3543772	3526496	3553801	0.94	cps
Rhodium	103-1	4911881	5126052	5036818	5024917	2.14	cps
Rhodium	103-2	3189453	3287652	3247404	3241503	1.52	cps
Scandium	45-1	3867626	3942166	3893341	3901044	0.97	cps
Scandium	45-2	359762	360346	362188	360765	0.35	cps
Selenium	82-1	6228	6272	6376	6292	1.21	cps
Selenium	77-2	657	737	817	737	10.86	cps
Selenium	78-2	2570	2344	2684	2532	6.84	cps
Silicon	28-1	17406246	17572282	17812658	17597062	1.16	cps
Silver	107-1	223818	232583	234184	230195	2.42	cps
Silver	109-1	214287	219308	219056	217550	1.30	cps
Sodium	23-2	181871	182737	181421	182010	0.37	cps
Strontium	86-1	188771	192216	192950	191312	1.17	cps
Strontium	88-1	1688658	1737385	1702372	1709472	1.47	cps
Sulfur	34-1	191490	188845	183530	187955	2.16	cps
Terbium	159-1	6034702	6146238	6127780	6102907	0.98	cps
Terbium	159-2	4419580	4360170	4416707	4398819	0.76	cps
Thallium	203-1	146404	149878	150066	148783	1.39	cps
Thallium	205-1	344646	351042	350260	348649	1.00	cps
Tin	118-1	12499	12719	13143	12787	2.56	cps
Titanium	47-1	1354532	1418371	1405450	1392784	2.42	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-03	Instrumnet Name :	P7
Client Sample ID :	MYDAN1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:46:10	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15593	15890	16040	15841	1.44	cps
Vanadium	51-2	1351693	1318251	1315665	1328536	1.51	cps
Yttrium	89-1	10116401	10329958	10203682	10216680	1.05	cps
Yttrium	89-2	2834380	2843737	2815176	2831098	0.51	cps
Zinc	66-2	342063	341774	338930	340922	0.51	cps
Zirconium	90-1	145389	150634	151496	149173	2.22	cps
Zirconium	91-1	32342	33809	33595	33249	2.38	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01MS	Instrumnet Name :	P7
Client Sample ID :	MYDAN1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:49:17	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7513391	7452096	7446390	7470626	0.50	cps
Antimony	121-1	1885854	1929651	1915285	1910263	1.17	cps
Arsenic	75-2	84315	83725	83885	83975	0.36	cps
Barium	135-1	9349877	9659067	9634985	9547976	1.80	cps
Barium	137-1	16020998	16623569	16747330	16463966	2.36	cps
Beryllium	9-1	145268	150103	150863	148745	2.04	cps
Bismuth	209-1	3457373	3463138	3455187	3458566	0.12	cps
Bismuth	209-2	3002839	3006626	3031892	3013786	0.52	cps
Bromine	81-1	6011	6048	5951	6004	0.81	cps
Bromine	81-2	357	357	340	351	2.74	cps
Cadmium	108-1	14537	14834	15115	14829	1.95	cps
Cadmium	106-1	21837	22878	23002	22572	2.84	cps
Cadmium	111-1	221243	225375	226401	224340	1.22	cps
Calcium	43-1	431415	442439	446354	440069	1.76	cps
Calcium	44-1	6635238	6899508	6809126	6781291	1.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2053017	2071059	2056816	2060297	0.46	cps
Cobalt	59-2	7296492	7227393	7157587	7227157	0.96	cps
Copper	63-2	2777630	2780086	2771827	2776514	0.15	cps
Dysprosium	156-1	42758	43791	43183	43244	1.20	cps
Dysprosium	156-2	39883	39542	39171	39532	0.90	cps
Erbium	164-1	34904	36046	36802	35917	2.66	cps
Erbium	164-2	27738	27390	26736	27288	1.86	cps
Gadolinium	160-1	40024	42120	42334	41492	3.08	cps
Gadolinium	160-2	31950	33209	32758	32639	1.96	cps
Holmium	165-1	5757217	5817436	5924856	5833170	1.46	cps
Holmium	165-2	4443681	4412684	4326138	4394168	1.39	cps
Indium	115-1	5140901	5191965	5310642	5214503	1.67	cps
Indium	115-2	1953927	1963190	1930631	1949249	0.86	cps
Iron	56-2	211302990	211102477	209667817	210691095	0.42	cps
Iron	57-2	5177494	5119961	5170763	5156073	0.61	cps
Iron	54-2	11634263	11705064	11536337	11625222	0.73	cps
Krypton	83-1	327	363	333	341	5.73	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01MS	Instrumnet Name :	P7
Client Sample ID :	MYDAN1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:49:17	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	379176	387643	391373	386064	1.62	cps
Lead	207-1	330376	340668	340887	337311	1.78	cps
Lead	208-1	1509193	1542050	1552886	1534710	1.48	cps
Lithium	6-1	763189	763821	784479	770496	1.57	cps
Magnesium	24-2	4049567	4013925	3999780	4021091	0.64	cps
Manganese	55-2	6908871	6964124	6926932	6933309	0.41	cps
Molybdenum	94-1	56743	60163	60384	59097	3.45	cps
Molybdenum	95-1	8913	9293	9587	9264	3.65	cps
Molybdenum	96-1	19884	20094	20441	20140	1.40	cps
Molybdenum	97-1	5401	5908	5648	5652	4.48	cps
Molybdenum	98-1	13943	14951	14607	14501	3.53	cps
Neodymium	150-1	76268	78681	79278	78076	2.04	cps
Neodymium	150-2	48878	48513	48948	48780	0.48	cps
Nickel	60-2	1878947	1894842	1894837	1889542	0.49	cps
Phosphorus	31-2	19669	20714	19997	20127	2.65	cps
Potassium	39-2	3452897	3432112	3400488	3428499	0.77	cps
Rhodium	103-1	5006571	5058855	5153423	5072950	1.47	cps
Rhodium	103-2	3255317	3200261	3176241	3210606	1.26	cps
Scandium	45-1	3794795	3924691	3849716	3856400	1.69	cps
Scandium	45-2	358431	361699	351240	357123	1.50	cps
Selenium	82-1	32943	34096	33982	33674	1.89	cps
Selenium	77-2	3670	3614	3874	3719	3.68	cps
Selenium	78-2	12525	11851	11708	12028	3.63	cps
Silicon	28-1	17391874	17776782	17745505	17638054	1.21	cps
Silver	107-1	701780	688924	880273	756992	14.13	cps
Silver	109-1	675683	646814	642162	654886	2.77	cps
Sodium	23-2	179466	179719	179615	179600	0.07	cps
Strontium	86-1	185980	192869	191289	190046	1.90	cps
Strontium	88-1	1660399	1709609	1698246	1689418	1.53	cps
Sulfur	34-1	181875	178941	177342	179386	1.28	cps
Terbium	159-1	6006424	6092667	6044992	6048028	0.71	cps
Terbium	159-2	4385087	4524618	4390025	4433243	1.79	cps
Thallium	203-1	636798	652913	654807	648173	1.53	cps
Thallium	205-1	1491087	1549074	1567896	1536019	2.61	cps
Tin	118-1	12075	12315	12606	12332	2.15	cps
Titanium	47-1	1334104	1398091	1386432	1372875	2.48	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01MS	Instrumnet Name :	P7
Client Sample ID :	MYDAN1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:49:17	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16003	15933	16380	16105	1.49	cps
Vanadium	51-2	4460948	4551893	4491995	4501612	1.03	cps
Yttrium	89-1	9986850	10116222	10297207	10133426	1.54	cps
Yttrium	89-2	2794098	2787626	2765732	2782485	0.53	cps
Zinc	66-2	962950	960748	958732	960810	0.22	cps
Zirconium	90-1	143009	151809	151325	148714	3.33	cps
Zirconium	91-1	31454	33475	33558	32829	3.63	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-04	Instrumnet Name :	P7
Client Sample ID :	MYDAP0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:52:18	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5419052	5409287	5407313	5411884	0.12	cps
Antimony	121-1	11511	11588	11385	11495	0.89	cps
Arsenic	75-2	44801	44336	44075	44404	0.83	cps
Barium	135-1	473055	485505	486362	481641	1.55	cps
Barium	137-1	811423	842519	837963	830635	2.02	cps
Beryllium	9-1	1189	1266	1337	1264	5.83	cps
Bismuth	209-1	3401992	3451212	3435062	3429422	0.73	cps
Bismuth	209-2	3004379	3014951	3043276	3020869	0.67	cps
Bromine	81-1	6862	6872	6932	6888	0.55	cps
Bromine	81-2	553	477	477	502	8.81	cps
Cadmium	108-1	200	153	157	170	15.31	cps
Cadmium	106-1	1960	1927	1777	1888	5.17	cps
Cadmium	111-1	2929	2968	2978	2958	0.87	cps
Calcium	43-1	257040	266136	266205	263127	2.00	cps
Calcium	44-1	4018670	4181834	4118549	4106351	2.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	135512	134702	134511	134908	0.39	cps
Cobalt	59-2	163063	162817	162608	162829	0.14	cps
Copper	63-2	412707	410011	408240	410319	0.55	cps
Dysprosium	156-1	36340	38188	37774	37434	2.59	cps
Dysprosium	156-2	33426	33781	33667	33625	0.54	cps
Erbium	164-1	31836	32701	32528	32355	1.41	cps
Erbium	164-2	23854	23443	23667	23655	0.87	cps
Gadolinium	160-1	35996	36628	36284	36303	0.87	cps
Gadolinium	160-2	28102	27874	28245	28074	0.67	cps
Holmium	165-1	5751936	5892430	5953489	5865952	1.76	cps
Holmium	165-2	4324575	4479672	4455785	4420011	1.89	cps
Indium	115-1	5149405	5264205	5271100	5228237	1.31	cps
Indium	115-2	1943414	1960257	1964234	1955968	0.57	cps
Iron	56-2	218130837	214879097	214040717	215683550	1.00	cps
Iron	57-2	5323704	5236055	5311406	5290388	0.90	cps
Iron	54-2	11956277	11957236	11874203	11929238	0.40	cps
Krypton	83-1	260	317	300	292	9.96	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-04	Instrumnet Name :	P7
Client Sample ID :	MYDAP0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:52:18	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	189338	199503	195763	194868	2.64	cps
Lead	207-1	169420	174020	176450	173297	2.06	cps
Lead	208-1	757490	783611	782746	774616	1.92	cps
Lithium	6-1	760397	795487	780546	778810	2.26	cps
Magnesium	24-2	3412880	3361739	3368298	3380973	0.82	cps
Manganese	55-2	4152603	4076564	4082647	4103938	1.03	cps
Molybdenum	94-1	30622	32048	32169	31613	2.72	cps
Molybdenum	95-1	3594	3574	3794	3654	3.33	cps
Molybdenum	96-1	9850	10120	10280	10084	2.16	cps
Molybdenum	97-1	2397	2270	2277	2315	3.08	cps
Molybdenum	98-1	5741	6085	5698	5841	3.63	cps
Neodymium	150-1	63592	65977	66231	65267	2.23	cps
Neodymium	150-2	41073	41488	40936	41165	0.70	cps
Nickel	60-2	47662	47358	47559	47526	0.33	cps
Phosphorus	31-2	22016	21705	21235	21652	1.82	cps
Potassium	39-2	3939666	3999148	3936279	3958364	0.89	cps
Rhodium	103-1	5028748	5183056	5198654	5136819	1.83	cps
Rhodium	103-2	3199910	3243702	3286617	3243410	1.34	cps
Scandium	45-1	3756439	3914979	3819656	3830358	2.08	cps
Scandium	45-2	356059	356255	356280	356198	0.03	cps
Selenium	82-1	542	535	520	532	2.18	cps
Selenium	77-2	137	173	180	163	14.29	cps
Selenium	78-2	463	450	470	461	2.21	cps
Silicon	28-1	20455260	21289858	21089250	20944789	2.08	cps
Silver	107-1	4424	3791	3861	4025	8.63	cps
Silver	109-1	4091	3734	3527	3784	7.53	cps
Sodium	23-2	174161	173452	174675	174096	0.35	cps
Strontium	86-1	158451	160519	164415	161128	1.88	cps
Strontium	88-1	1362972	1411353	1411627	1395317	2.01	cps
Sulfur	34-1	192175	189536	186931	189548	1.38	cps
Terbium	159-1	6050475	6236630	6143928	6143678	1.52	cps
Terbium	159-2	4374590	4402906	4303820	4360439	1.17	cps
Thallium	203-1	1820	1933	1797	1850	3.95	cps
Thallium	205-1	4097	4254	4431	4261	3.92	cps
Tin	118-1	12479	13079	13063	12874	2.66	cps
Titanium	47-1	1507976	1568572	1547663	1541404	2.00	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-04	Instrumnet Name :	P7
Client Sample ID :	MYDAP0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:52:18	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12659	12856	13253	12923	2.34	cps
Vanadium	51-2	415094	412510	416767	414791	0.52	cps
Yttrium	89-1	10006657	10203683	10136909	10115750	0.99	cps
Yttrium	89-2	2782654	2824387	2797814	2801618	0.75	cps
Zinc	66-2	193389	193471	190132	192330	0.99	cps
Zirconium	90-1	79051	82671	82517	81413	2.51	cps
Zirconium	91-1	17394	18168	17938	17833	2.23	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-05	Instrumnet Name :	P7
Client Sample ID :	MYDAP1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:55:31	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9224411	9282887	8978783	9162027	1.76	cps
Antimony	121-1	8623	8883	9163	8890	3.04	cps
Arsenic	75-2	35930	36014	35589	35844	0.63	cps
Barium	135-1	641472	669698	665291	658821	2.30	cps
Barium	137-1	1111200	1145279	1150603	1135694	1.88	cps
Beryllium	9-1	2280	2148	2211	2213	2.99	cps
Bismuth	209-1	3359202	3491650	3465968	3438940	2.04	cps
Bismuth	209-2	3047897	3097866	3005503	3050422	1.52	cps
Bromine	81-1	7795	8112	8256	8054	2.92	cps
Bromine	81-2	937	683	740	787	16.90	cps
Cadmium	108-1	103	163	143	137	22.36	cps
Cadmium	106-1	1910	2000	2020	1977	2.96	cps
Cadmium	111-1	2341	2459	2337	2379	2.91	cps
Calcium	43-1	301547	310672	318028	310083	2.66	cps
Calcium	44-1	4681508	4855477	4857571	4798186	2.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	200259	200343	198515	199706	0.52	cps
Cobalt	59-2	236348	236826	236757	236644	0.11	cps
Copper	63-2	366013	366026	360641	364227	0.85	cps
Dysprosium	156-1	53231	55014	55696	54647	2.33	cps
Dysprosium	156-2	49567	49289	48316	49058	1.34	cps
Erbium	164-1	45959	48306	48286	47517	2.84	cps
Erbium	164-2	34620	34452	34573	34548	0.25	cps
Gadolinium	160-1	52826	53756	54201	53594	1.31	cps
Gadolinium	160-2	41200	41314	40692	41069	0.81	cps
Holmium	165-1	5823327	5972781	5905965	5900691	1.27	cps
Holmium	165-2	4445720	4397434	4337519	4393558	1.23	cps
Indium	115-1	5135008	5305593	5255934	5232178	1.68	cps
Indium	115-2	1956520	1997364	1943327	1965737	1.43	cps
Iron	56-2	335441662	332810495	328158455	332136871	1.11	cps
Iron	57-2	8173988	8377455	8079162	8210202	1.86	cps
Iron	54-2	18323237	18585037	18269003	18392426	0.92	cps
Krypton	83-1	313	357	263	311	15.01	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-05	Instrumnet Name :	P7
Client Sample ID :	MYDAP1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:55:31	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	166634	173084	173431	171050	2.24	cps
Lead	207-1	143533	146204	147673	145803	1.44	cps
Lead	208-1	648537	669457	674935	664310	2.10	cps
Lithium	6-1	763028	772103	780894	772008	1.16	cps
Magnesium	24-2	4780599	4802617	4718266	4767161	0.92	cps
Manganese	55-2	4359484	4352612	4275924	4329340	1.07	cps
Molybdenum	94-1	31006	32022	32212	31747	2.04	cps
Molybdenum	95-1	4754	4744	4767	4755	0.25	cps
Molybdenum	96-1	11768	12659	12335	12254	3.68	cps
Molybdenum	97-1	2837	2917	3204	2986	6.46	cps
Molybdenum	98-1	7389	7742	7382	7504	2.75	cps
Neodymium	150-1	97011	101264	100716	99664	2.32	cps
Neodymium	150-2	62092	62086	62953	62377	0.80	cps
Nickel	60-2	63558	62633	62771	62987	0.79	cps
Phosphorus	31-2	21842	22033	21325	21733	1.69	cps
Potassium	39-2	3091596	3098452	3075197	3088415	0.39	cps
Rhodium	103-1	5073786	5147352	5187495	5136211	1.12	cps
Rhodium	103-2	3237158	3324128	3252878	3271388	1.42	cps
Scandium	45-1	3882593	4064074	3974847	3973838	2.28	cps
Scandium	45-2	372885	371579	366470	370311	0.92	cps
Selenium	82-1	527	509	617	551	10.49	cps
Selenium	77-2	223	220	183	209	10.62	cps
Selenium	78-2	500	557	580	546	7.54	cps
Silicon	28-1	22416342	23374156	23363410	23051303	2.39	cps
Silver	107-1	2677	2727	2814	2739	2.52	cps
Silver	109-1	2387	2644	2470	2500	5.24	cps
Sodium	23-2	196858	197729	194766	196451	0.78	cps
Strontium	86-1	217455	224691	228293	223480	2.47	cps
Strontium	88-1	1945644	1997032	2014332	1985669	1.80	cps
Sulfur	34-1	182698	181642	180809	181716	0.52	cps
Terbium	159-1	6142051	6116101	6091522	6116558	0.41	cps
Terbium	159-2	4416482	4354142	4430508	4400377	0.92	cps
Thallium	203-1	1947	2030	2204	2060	6.36	cps
Thallium	205-1	4758	4951	5118	4942	3.65	cps
Tin	118-1	12642	13573	13333	13183	3.67	cps
Titanium	47-1	1754012	1784383	1813172	1783856	1.66	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-05	Instrumnet Name :	P7
Client Sample ID :	MYDAP1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:55:31	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20202	21127	21224	20851	2.70	cps
Vanadium	51-2	711872	715634	707678	711728	0.56	cps
Yttrium	89-1	10154189	10489000	10638913	10427368	2.38	cps
Yttrium	89-2	2880743	2873570	2840265	2864859	0.75	cps
Zinc	66-2	155046	156976	153335	155119	1.17	cps
Zirconium	90-1	76404	80114	82175	79564	3.68	cps
Zirconium	91-1	17147	17257	17864	17423	2.22	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-06	Instrumnet Name :	P7
Client Sample ID :	MYDAP6	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:58:42	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4824394	4879779	4870981	4858385	0.61	cps
Antimony	121-1	5118	5228	5424	5257	2.96	cps
Arsenic	75-2	16269	16226	16599	16365	1.25	cps
Barium	135-1	289838	299642	300348	296609	1.98	cps
Barium	137-1	500885	516083	517080	511349	1.77	cps
Beryllium	9-1	938	972	1002	971	3.28	cps
Bismuth	209-1	3392668	3454063	3474355	3440362	1.24	cps
Bismuth	209-2	3070040	3007917	3040508	3039489	1.02	cps
Bromine	81-1	5611	5801	5388	5600	3.70	cps
Bromine	81-2	197	200	247	214	13.04	cps
Cadmium	108-1	143	187	107	146	27.51	cps
Cadmium	106-1	1897	1827	1917	1880	2.51	cps
Cadmium	111-1	1751	1815	1780	1782	1.80	cps
Calcium	43-1	427236	438079	445539	436951	2.11	cps
Calcium	44-1	6640627	6736750	6857377	6744918	1.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267082	262454	262191	263909	1.04	cps
Cobalt	59-2	204172	202949	203627	203583	0.30	cps
Copper	63-2	359096	356685	355569	357117	0.50	cps
Dysprosium	156-1	28225	29271	29394	28963	2.22	cps
Dysprosium	156-2	27003	26388	26208	26533	1.57	cps
Erbium	164-1	25694	26048	26589	26110	1.73	cps
Erbium	164-2	19263	18956	19263	19161	0.93	cps
Gadolinium	160-1	27270	28172	28289	27910	2.00	cps
Gadolinium	160-2	21737	21874	22007	21873	0.62	cps
Holmium	165-1	5896472	5974325	5981721	5950839	0.79	cps
Holmium	165-2	4473953	4406622	4434149	4438241	0.76	cps
Indium	115-1	5230918	5293202	5305782	5276634	0.76	cps
Indium	115-2	1975741	1966326	1957316	1966461	0.47	cps
Iron	56-2	277708543	275704123	275913103	276441923	0.40	cps
Iron	57-2	6794664	6864464	6748447	6802525	0.86	cps
Iron	54-2	15443294	15293492	15105140	15280642	1.11	cps
Krypton	83-1	320	247	293	287	12.95	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-06	Instrumnet Name :	P7
Client Sample ID :	MYDAP6	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:58:42	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	92270	94351	96097	94239	2.03	cps
Lead	207-1	76410	78572	78827	77936	1.70	cps
Lead	208-1	353562	362089	364478	360043	1.59	cps
Lithium	6-1	768027	769407	768425	768620	0.09	cps
Magnesium	24-2	4562085	4489680	4447271	4499678	1.29	cps
Manganese	55-2	2634371	2627019	2633891	2631761	0.16	cps
Molybdenum	94-1	51965	53374	54136	53158	2.07	cps
Molybdenum	95-1	3894	4137	4364	4132	5.69	cps
Molybdenum	96-1	14044	14427	15091	14521	3.65	cps
Molybdenum	97-1	2300	2484	2694	2492	7.90	cps
Molybdenum	98-1	6041	6321	6535	6299	3.93	cps
Neodymium	150-1	50196	52531	52360	51696	2.52	cps
Neodymium	150-2	32885	33072	32120	32692	1.54	cps
Nickel	60-2	75187	74709	74863	74920	0.33	cps
Phosphorus	31-2	19663	19339	19059	19353	1.56	cps
Potassium	39-2	1482624	1456559	1441468	1460217	1.43	cps
Rhodium	103-1	5001343	5167897	5172020	5113753	1.90	cps
Rhodium	103-2	3300337	3305829	3276230	3294132	0.48	cps
Scandium	45-1	3807996	3923906	3862118	3864673	1.50	cps
Scandium	45-2	362433	360057	359144	360545	0.47	cps
Selenium	82-1	385	476	398	420	11.68	cps
Selenium	77-2	110	140	133	128	12.33	cps
Selenium	78-2	513	477	407	466	11.64	cps
Silicon	28-1	19023897	19721681	19807592	19517723	2.20	cps
Silver	107-1	927	1150	1187	1088	12.94	cps
Silver	109-1	897	873	960	910	4.93	cps
Sodium	23-2	335903	333743	337112	335586	0.51	cps
Strontium	86-1	190776	195844	196836	194485	1.67	cps
Strontium	88-1	1677268	1721996	1760825	1720030	2.43	cps
Sulfur	34-1	179241	182347	185905	182498	1.83	cps
Terbium	159-1	6036186	6137469	6216914	6130190	1.48	cps
Terbium	159-2	4457866	4359587	4535396	4450950	1.98	cps
Thallium	203-1	1067	1177	1143	1129	5.00	cps
Thallium	205-1	2420	2494	2437	2450	1.57	cps
Tin	118-1	9833	10524	10681	10346	4.36	cps
Titanium	47-1	1687196	1711490	1738524	1712403	1.50	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-06	Instrumnet Name :	P7
Client Sample ID :	MYDAP6	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 18:58:42	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11615	11462	11915	11664	1.98	cps
Vanadium	51-2	983111	979529	979504	980715	0.21	cps
Yttrium	89-1	10039929	10080146	10067887	10062654	0.20	cps
Yttrium	89-2	2811769	2730634	2775709	2772704	1.47	cps
Zinc	66-2	74029	75305	75088	74807	0.91	cps
Zirconium	90-1	136320	142447	142040	140269	2.44	cps
Zirconium	91-1	30852	31768	31297	31306	1.46	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-07	Instrumnet Name :	P7
Client Sample ID :	MYDAP7	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:01:55	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4804921	4843337	4880528	4842928	0.78	cps
Antimony	121-1	5701	5855	5841	5799	1.47	cps
Arsenic	75-2	14040	14230	13363	13878	3.29	cps
Barium	135-1	276716	282431	282399	280515	1.17	cps
Barium	137-1	469463	486100	485769	480444	1.98	cps
Beryllium	9-1	882	853	906	880	3.02	cps
Bismuth	209-1	3431483	3433085	3322844	3395804	1.86	cps
Bismuth	209-2	3018343	3009707	3041653	3023234	0.55	cps
Bromine	81-1	5078	5351	5124	5184	2.82	cps
Bromine	81-2	190	180	210	193	7.90	cps
Cadmium	108-1	120	143	130	131	8.93	cps
Cadmium	106-1	2003	1950	1677	1877	9.34	cps
Cadmium	111-1	1988	1921	1729	1880	7.15	cps
Calcium	43-1	276510	281394	280936	279613	0.96	cps
Calcium	44-1	4292937	4414968	4402325	4370077	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	268102	265852	265542	266498	0.52	cps
Cobalt	59-2	222832	217736	220200	220256	1.16	cps
Copper	63-2	360126	357338	358946	358803	0.39	cps
Dysprosium	156-1	31776	31425	32010	31737	0.93	cps
Dysprosium	156-2	29164	29361	28883	29136	0.82	cps
Erbium	164-1	26832	27400	27166	27133	1.05	cps
Erbium	164-2	19370	20348	19654	19791	2.54	cps
Gadolinium	160-1	29418	30450	30046	29971	1.74	cps
Gadolinium	160-2	23694	23974	23229	23632	1.59	cps
Holmium	165-1	5876913	5888980	5632335	5799409	2.50	cps
Holmium	165-2	4381840	4420080	4414400	4405440	0.47	cps
Indium	115-1	5217219	5325802	5086394	5209805	2.30	cps
Indium	115-2	1931658	1998571	1944615	1958281	1.81	cps
Iron	56-2	307806349	311033949	311163182	310001160	0.61	cps
Iron	57-2	7707221	7686934	7654089	7682748	0.35	cps
Iron	54-2	17241547	17029371	17054245	17108388	0.68	cps
Krypton	83-1	367	283	333	328	12.80	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-07	Instrumnet Name :	P7
Client Sample ID :	MYDAP7	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:01:55	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	138290	142404	142805	141166	1.77	cps
Lead	207-1	116804	119207	121888	119300	2.13	cps
Lead	208-1	539748	549403	552480	547210	1.21	cps
Lithium	6-1	781171	781121	754052	772115	2.03	cps
Magnesium	24-2	3928950	3928416	3901844	3919737	0.40	cps
Manganese	55-2	2797375	2863585	2805284	2822081	1.28	cps
Molybdenum	94-1	48604	48885	49737	49075	1.20	cps
Molybdenum	95-1	5925	6251	6265	6147	3.13	cps
Molybdenum	96-1	16079	16076	16129	16095	0.19	cps
Molybdenum	97-1	3801	3684	3801	3762	1.79	cps
Molybdenum	98-1	9540	9683	9617	9613	0.75	cps
Neodymium	150-1	57396	58534	58276	58069	1.03	cps
Neodymium	150-2	36377	35916	36109	36134	0.64	cps
Nickel	60-2	61827	61298	61382	61502	0.46	cps
Phosphorus	31-2	18919	19152	19432	19168	1.34	cps
Potassium	39-2	1225072	1219942	1228940	1224651	0.37	cps
Rhodium	103-1	5053697	5205672	4963954	5074441	2.41	cps
Rhodium	103-2	3243667	3257931	3257984	3253194	0.25	cps
Scandium	45-1	3875081	3958731	3822627	3885480	1.77	cps
Scandium	45-2	359878	361012	356142	359011	0.71	cps
Selenium	82-1	316	494	421	411	21.84	cps
Selenium	77-2	100	140	100	113	20.38	cps
Selenium	78-2	487	493	453	478	4.49	cps
Silicon	28-1	12160424	12578729	12679639	12472930	2.21	cps
Silver	107-1	673	810	823	769	10.80	cps
Silver	109-1	617	607	667	630	5.10	cps
Sodium	23-2	261242	258331	262618	260730	0.84	cps
Strontium	86-1	117241	121367	119323	119310	1.73	cps
Strontium	88-1	1012298	1044290	1043816	1033468	1.77	cps
Sulfur	34-1	193174	195763	193596	194178	0.72	cps
Terbium	159-1	6140192	6207019	5836323	6061178	3.26	cps
Terbium	159-2	4365577	4354311	4331403	4350431	0.40	cps
Thallium	203-1	970	943	937	950	1.86	cps
Thallium	205-1	2144	2260	2200	2201	2.65	cps
Tin	118-1	13083	13603	13863	13516	2.94	cps
Titanium	47-1	1480450	1518285	1499537	1499424	1.26	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-07	Instrumnet Name :	P7
Client Sample ID :	MYDAP7	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:01:55	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11895	12603	12393	12297	2.95	cps
Vanadium	51-2	1162343	1149709	1162706	1158252	0.64	cps
Yttrium	89-1	9901378	10221077	9692762	9938406	2.68	cps
Yttrium	89-2	2740024	2729362	2732378	2733921	0.20	cps
Zinc	66-2	71637	72093	73027	72252	0.98	cps
Zirconium	90-1	121928	126100	124893	124307	1.73	cps
Zirconium	91-1	26818	27626	27983	27476	2.17	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-08	Instrumnet Name :	P7
Client Sample ID :	MYDAP8	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:05:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7607886	7590973	7421074	7539978	1.37	cps
Antimony	121-1	11395	11214	11458	11356	1.11	cps
Arsenic	75-2	34089	33812	33438	33780	0.97	cps
Barium	135-1	593915	609698	617602	607072	1.99	cps
Barium	137-1	1027359	1049697	1043697	1040251	1.11	cps
Beryllium	9-1	1810	1954	1881	1881	3.84	cps
Bismuth	209-1	3342053	3405259	3433605	3393639	1.38	cps
Bismuth	209-2	2988478	3031955	3028479	3016304	0.80	cps
Bromine	81-1	6495	6375	6461	6444	0.96	cps
Bromine	81-2	497	537	440	491	9.89	cps
Cadmium	108-1	173	170	147	163	8.90	cps
Cadmium	106-1	2040	2010	1867	1972	4.70	cps
Cadmium	111-1	2450	2432	2351	2411	2.19	cps
Calcium	43-1	314016	319452	321663	318377	1.24	cps
Calcium	44-1	4846832	4921343	5093205	4953793	2.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	175604	175587	176591	175927	0.33	cps
Cobalt	59-2	212739	213753	210923	212472	0.67	cps
Copper	63-2	354952	358189	352138	355093	0.85	cps
Dysprosium	156-1	49798	50112	52317	50742	2.71	cps
Dysprosium	156-2	44484	44754	44845	44694	0.42	cps
Erbium	164-1	40980	42511	42989	42160	2.49	cps
Erbium	164-2	30757	31375	30540	30891	1.40	cps
Gadolinium	160-1	46952	47878	47500	47443	0.98	cps
Gadolinium	160-2	37230	36962	37046	37079	0.37	cps
Holmium	165-1	5900075	5833278	5969426	5900926	1.15	cps
Holmium	165-2	4365103	4368591	4353798	4362498	0.18	cps
Indium	115-1	5131055	5228014	5314564	5224545	1.76	cps
Indium	115-2	1940567	1941456	1928478	1936834	0.37	cps
Iron	56-2	285386976	287394782	286778962	286520240	0.36	cps
Iron	57-2	7062273	7139955	7211350	7137859	1.04	cps
Iron	54-2	15771651	15872118	15759024	15800931	0.39	cps
Krypton	83-1	307	323	323	318	3.03	cps

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LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-08	Instrumnet Name :	P7
Client Sample ID :	MYDAP8	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:05:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	197869	201556	204631	201352	1.68	cps
Lead	207-1	174165	179408	177070	176881	1.48	cps
Lead	208-1	786160	800129	801826	796038	1.08	cps
Lithium	6-1	792059	807535	799660	799751	0.97	cps
Magnesium	24-2	4401634	4372056	4416560	4396750	0.52	cps
Manganese	55-2	5042809	5179688	5152804	5125100	1.42	cps
Molybdenum	94-1	35540	36693	37291	36508	2.44	cps
Molybdenum	95-1	4174	4254	4344	4257	2.00	cps
Molybdenum	96-1	11858	12445	12405	12236	2.68	cps
Molybdenum	97-1	2560	2557	2694	2604	2.99	cps
Molybdenum	98-1	6438	6411	6882	6577	4.02	cps
Neodymium	150-1	87694	88848	88173	88238	0.66	cps
Neodymium	150-2	55144	54856	54953	54984	0.27	cps
Nickel	60-2	55475	56355	55412	55748	0.95	cps
Phosphorus	31-2	24570	24830	25000	24800	0.87	cps
Potassium	39-2	4117881	4049734	4078240	4081952	0.84	cps
Rhodium	103-1	5051697	5100138	5160616	5104150	1.07	cps
Rhodium	103-2	3249562	3220315	3245667	3238515	0.49	cps
Scandium	45-1	3909387	3945572	3959039	3937999	0.65	cps
Scandium	45-2	360548	358551	361911	360337	0.47	cps
Selenium	82-1	524	509	442	492	8.88	cps
Selenium	77-2	210	203	197	203	3.28	cps
Selenium	78-2	513	447	493	484	7.06	cps
Silicon	28-1	16668680	17375795	17138179	17060885	2.11	cps
Silver	107-1	2164	2060	2160	2128	2.76	cps
Silver	109-1	2007	2054	2094	2051	2.11	cps
Sodium	23-2	167359	167803	167156	167440	0.20	cps
Strontium	86-1	204194	212303	213227	209908	2.37	cps
Strontium	88-1	1849794	1878874	1857920	1862196	0.81	cps
Sulfur	34-1	200801	197407	196594	198267	1.13	cps
Terbium	159-1	6020976	6302031	6144379	6155795	2.29	cps
Terbium	159-2	4401742	4313321	4387302	4367455	1.09	cps
Thallium	203-1	1777	1780	1813	1790	1.13	cps
Thallium	205-1	4027	4054	4197	4093	2.23	cps
Tin	118-1	10894	11018	10964	10959	0.56	cps
Titanium	47-1	1687850	1789797	1770127	1749258	3.09	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-08	Instrumnet Name :	P7
Client Sample ID :	MYDAP8	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:05:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16340	17325	17101	16922	3.05	cps
Vanadium	51-2	550070	547345	546988	548134	0.31	cps
Yttrium	89-1	10189532	10391221	10294876	10291876	0.98	cps
Yttrium	89-2	2821403	2846264	2759603	2809090	1.59	cps
Zinc	66-2	153533	154616	154799	154316	0.44	cps
Zirconium	90-1	93334	95602	97273	95403	2.07	cps
Zirconium	91-1	20261	21489	21352	21034	3.20	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-09	Instrumnet Name :	P7
Client Sample ID :	MYDAP9	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:08:18	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6231106	6241483	6122231	6198273	1.07	cps
Antimony	121-1	10501	10751	11204	10819	3.30	cps
Arsenic	75-2	35045	35793	35720	35519	1.16	cps
Barium	135-1	447455	455712	461061	454743	1.51	cps
Barium	137-1	766152	780234	791519	779302	1.63	cps
Beryllium	9-1	1432	1423	1486	1447	2.36	cps
Bismuth	209-1	3388048	3471608	3347048	3402235	1.87	cps
Bismuth	209-2	2936885	3003192	2924877	2954985	1.43	cps
Bromine	81-1	5791	5601	5664	5686	1.70	cps
Bromine	81-2	230	240	353	274	24.96	cps
Cadmium	108-1	177	153	137	156	12.92	cps
Cadmium	106-1	1937	1807	1837	1860	3.66	cps
Cadmium	111-1	2025	1927	1987	1980	2.49	cps
Calcium	43-1	325223	333111	331462	329932	1.26	cps
Calcium	44-1	5041793	5220761	5268471	5177008	2.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	169659	170284	168948	169630	0.39	cps
Cobalt	59-2	245726	244960	241822	244169	0.85	cps
Copper	63-2	300739	299966	301340	300682	0.23	cps
Dysprosium	156-1	40689	42036	41976	41567	1.83	cps
Dysprosium	156-2	38098	38570	38319	38329	0.62	cps
Erbium	164-1	34717	36077	36321	35705	2.42	cps
Erbium	164-2	26719	26408	26462	26530	0.63	cps
Gadolinium	160-1	39719	40522	40472	40238	1.12	cps
Gadolinium	160-2	31482	31165	31145	31264	0.61	cps
Holmium	165-1	5747266	5898092	5861453	5835604	1.35	cps
Holmium	165-2	4417717	4349433	4316168	4361106	1.19	cps
Indium	115-1	5138324	5247812	5310907	5232348	1.67	cps
Indium	115-2	1914042	1946981	1921724	1927582	0.89	cps
Iron	56-2	290994949	292926509	291230116	291717191	0.36	cps
Iron	57-2	7300471	7149738	7232848	7227686	1.04	cps
Iron	54-2	16098305	16279462	15978655	16118807	0.94	cps
Krypton	83-1	350	333	337	340	2.59	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-09	Instrumnet Name :	P7
Client Sample ID :	MYDAP9	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:08:18	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	151187	156371	155649	154403	1.82	cps
Lead	207-1	132930	135959	134643	134511	1.13	cps
Lead	208-1	589798	612737	609070	603868	2.04	cps
Lithium	6-1	747170	757651	749063	751295	0.74	cps
Magnesium	24-2	4033561	4163848	4105224	4100878	1.59	cps
Manganese	55-2	3849641	3928821	3902928	3893796	1.04	cps
Molybdenum	94-1	44815	47617	46975	46469	3.16	cps
Molybdenum	95-1	4204	4011	4304	4173	3.57	cps
Molybdenum	96-1	13003	13737	13560	13433	2.85	cps
Molybdenum	97-1	2734	2634	2757	2708	2.42	cps
Molybdenum	98-1	6315	6618	6685	6539	3.02	cps
Neodymium	150-1	72240	75058	74848	74049	2.12	cps
Neodymium	150-2	45968	45932	46453	46117	0.63	cps
Nickel	60-2	57199	56780	57035	57004	0.37	cps
Phosphorus	31-2	29148	29168	29195	29170	0.08	cps
Potassium	39-2	3017443	3015135	3003582	3012053	0.25	cps
Rhodium	103-1	5019045	5123105	4993816	5045322	1.36	cps
Rhodium	103-2	3249229	3282722	3252088	3261346	0.57	cps
Scandium	45-1	3761708	3904889	3891982	3852860	2.06	cps
Scandium	45-2	358396	358564	356342	357767	0.35	cps
Selenium	82-1	403	438	420	421	4.18	cps
Selenium	77-2	157	140	180	159	12.65	cps
Selenium	78-2	463	527	593	528	12.32	cps
Silicon	28-1	15866359	16353271	16650775	16290135	2.43	cps
Silver	107-1	1060	1160	1117	1112	4.51	cps
Silver	109-1	990	883	957	943	5.79	cps
Sodium	23-2	193959	194212	193750	193974	0.12	cps
Strontium	86-1	165284	169758	170292	168444	1.63	cps
Strontium	88-1	1440433	1508052	1523096	1490527	2.95	cps
Sulfur	34-1	185217	185767	186260	185748	0.28	cps
Terbium	159-1	6097887	6120513	6172451	6130284	0.62	cps
Terbium	159-2	4382965	4396184	4306017	4361722	1.12	cps
Thallium	203-1	1133	1173	1057	1121	5.29	cps
Thallium	205-1	2654	2737	2727	2706	1.68	cps
Tin	118-1	10070	10807	10167	10348	3.87	cps
Titanium	47-1	1757580	1742636	1797154	1765790	1.60	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-09	Instrumnet Name :	P7
Client Sample ID :	MYDAP9	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:08:18	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12282	12873	12806	12654	2.56	cps
Vanadium	51-2	632703	628650	628880	630078	0.36	cps
Yttrium	89-1	9942899	10091378	10300745	10111674	1.78	cps
Yttrium	89-2	2812486	2722858	2738866	2758070	1.73	cps
Zinc	66-2	120562	118425	120700	119896	1.06	cps
Zirconium	90-1	117130	121763	122208	120367	2.34	cps
Zirconium	91-1	26601	27008	27132	26914	1.03	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-10	Instrumnet Name :	P7
Client Sample ID :	MYDAQ0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:11:29	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4489405	4422922	4319861	4410729	1.94	cps
Antimony	121-1	5781	5928	5998	5902	1.87	cps
Arsenic	75-2	14030	14164	13800	13998	1.31	cps
Barium	135-1	220246	223233	224506	222661	0.98	cps
Barium	137-1	367389	383783	383658	378276	2.49	cps
Beryllium	9-1	693	680	814	729	10.12	cps
Bismuth	209-1	3552234	3486593	3429256	3489361	1.76	cps
Bismuth	209-2	3050352	3064942	3048042	3054445	0.30	cps
Bromine	81-1	5318	5264	4981	5188	3.49	cps
Bromine	81-2	193	213	193	200	5.77	cps
Cadmium	108-1	97	97	117	103	11.17	cps
Cadmium	106-1	1783	1840	1713	1779	3.57	cps
Cadmium	111-1	1727	1770	1661	1720	3.20	cps
Calcium	43-1	221891	225835	227719	225148	1.32	cps
Calcium	44-1	3494655	3485645	3527682	3502660	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	236770	235554	236427	236251	0.27	cps
Cobalt	59-2	179700	180101	180726	180176	0.29	cps
Copper	63-2	280415	279537	282802	280918	0.60	cps
Dysprosium	156-1	27330	28442	27721	27831	2.03	cps
Dysprosium	156-2	24919	25236	25607	25254	1.36	cps
Erbium	164-1	24315	24969	24491	24592	1.38	cps
Erbium	164-2	17705	17841	18058	17868	1.00	cps
Gadolinium	160-1	26185	27380	28175	27247	3.68	cps
Gadolinium	160-2	21083	21390	21550	21341	1.11	cps
Holmium	165-1	5683843	5834746	5869936	5796175	1.71	cps
Holmium	165-2	4240717	4339902	4388798	4323139	1.75	cps
Indium	115-1	5208200	5208298	5240516	5219005	0.36	cps
Indium	115-2	1959540	1974300	2012222	1982021	1.37	cps
Iron	56-2	277403103	278169289	277911123	277827838	0.14	cps
Iron	57-2	6923883	6931873	6777919	6877892	1.26	cps
Iron	54-2	15711971	15437909	15234039	15461306	1.55	cps
Krypton	83-1	330	280	300	303	8.30	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-10	Instrumnet Name :	P7
Client Sample ID :	MYDAQ0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:11:29	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	96949	97627	96352	96976	0.66	cps
Lead	207-1	78002	80547	78820	79123	1.64	cps
Lead	208-1	367348	371812	368384	369181	0.63	cps
Lithium	6-1	780881	765345	750698	765641	1.97	cps
Magnesium	24-2	3561840	3646308	3493340	3567162	2.15	cps
Manganese	55-2	2301724	2294527	2283987	2293413	0.39	cps
Molybdenum	94-1	36218	36886	37762	36955	2.10	cps
Molybdenum	95-1	4031	4067	4037	4045	0.48	cps
Molybdenum	96-1	11244	12128	12209	11860	4.51	cps
Molybdenum	97-1	2527	2477	2544	2516	1.38	cps
Molybdenum	98-1	6121	6465	6181	6256	2.93	cps
Neodymium	150-1	49553	50503	51125	50394	1.57	cps
Neodymium	150-2	30737	31184	31525	31149	1.27	cps
Nickel	60-2	53234	52405	53639	53093	1.19	cps
Phosphorus	31-2	18808	18728	18361	18633	1.28	cps
Potassium	39-2	1633582	1649360	1655116	1646020	0.68	cps
Rhodium	103-1	4976165	5117157	5121965	5071762	1.63	cps
Rhodium	103-2	3260615	3311531	3274862	3282336	0.80	cps
Scandium	45-1	3893566	3898583	3840999	3877716	0.82	cps
Scandium	45-2	359605	361333	357005	359315	0.61	cps
Selenium	82-1	360	422	373	385	8.55	cps
Selenium	77-2	113	117	140	123	11.78	cps
Selenium	78-2	433	440	403	426	4.59	cps
Silicon	28-1	13754144	14193207	14129840	14025730	1.69	cps
Silver	107-1	617	597	620	611	2.06	cps
Silver	109-1	570	557	457	528	11.74	cps
Sodium	23-2	212460	209327	207529	209772	1.19	cps
Strontium	86-1	97159	101696	102861	100572	3.00	cps
Strontium	88-1	868132	883784	896752	882889	1.62	cps
Sulfur	34-1	182438	183871	184903	183737	0.67	cps
Terbium	159-1	5915581	6213591	6108064	6079079	2.49	cps
Terbium	159-2	4350030	4379754	4374421	4368068	0.36	cps
Thallium	203-1	697	687	620	668	6.24	cps
Thallium	205-1	1597	1487	1643	1576	5.11	cps
Tin	118-1	9030	8839	9186	9018	1.93	cps
Titanium	47-1	1217524	1225299	1271033	1237952	2.34	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-10	Instrumnet Name :	P7
Client Sample ID :	MYDAQ0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:11:29	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9664	10464	10731	10286	5.40	cps
Vanadium	51-2	1088233	1081462	1086157	1085284	0.32	cps
Yttrium	89-1	10251366	10143463	10063061	10152630	0.93	cps
Yttrium	89-2	2778676	2758445	2766694	2767938	0.37	cps
Zinc	66-2	69192	68144	69343	68893	0.95	cps
Zirconium	90-1	95033	94348	95857	95079	0.79	cps
Zirconium	91-1	20842	21336	21406	21194	1.45	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-11	Instrumnet Name :	P7
Client Sample ID :	MYDAQ1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:14:43	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8284905	8264002	8286784	8278564	0.15	cps
Antimony	121-1	4107	4474	4371	4317	4.38	cps
Arsenic	75-2	20147	20501	20347	20332	0.87	cps
Barium	135-1	618154	638973	643806	633644	2.15	cps
Barium	137-1	1076615	1102243	1117614	1098824	1.88	cps
Beryllium	9-1	1934	1819	1892	1882	3.11	cps
Bismuth	209-1	3383615	3399952	3459537	3414368	1.17	cps
Bismuth	209-2	2977448	3004379	3011600	2997809	0.60	cps
Bromine	81-1	7349	7178	7909	7479	5.11	cps
Bromine	81-2	727	647	720	698	6.36	cps
Cadmium	108-1	157	137	147	147	6.82	cps
Cadmium	106-1	1923	1760	1747	1810	5.44	cps
Cadmium	111-1	2187	2200	2123	2170	1.88	cps
Calcium	43-1	307776	312916	313841	311511	1.05	cps
Calcium	44-1	4767649	4892435	4897758	4852614	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179333	177546	175576	177485	1.06	cps
Cobalt	59-2	182962	183016	180014	181997	0.94	cps
Copper	63-2	327074	319776	319739	322196	1.31	cps
Dysprosium	156-1	52511	53739	54629	53626	1.98	cps
Dysprosium	156-2	48908	49136	48266	48770	0.92	cps
Erbium	164-1	44845	45852	46541	45746	1.86	cps
Erbium	164-2	34229	33600	33156	33662	1.60	cps
Gadolinium	160-1	51845	52582	52642	52356	0.85	cps
Gadolinium	160-2	40211	39760	40415	40128	0.84	cps
Holmium	165-1	5844392	5976861	5915401	5912218	1.12	cps
Holmium	165-2	4375511	4402409	4395337	4391086	0.32	cps
Indium	115-1	5262135	5257815	5299941	5273297	0.44	cps
Indium	115-2	2009045	1944346	1975412	1976267	1.64	cps
Iron	56-2	231843490	230302037	226129843	229425123	1.29	cps
Iron	57-2	5701810	5669455	5595468	5655578	0.96	cps
Iron	54-2	12874701	12704330	12741846	12773626	0.70	cps
Krypton	83-1	367	310	330	336	8.56	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-11	Instrumnet Name :	P7
Client Sample ID :	MYDAQ1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:14:43	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	138759	140089	143297	140715	1.66	cps
Lead	207-1	119066	122468	121837	121124	1.49	cps
Lead	208-1	541773	554263	553745	549927	1.28	cps
Lithium	6-1	726471	726063	739960	730831	1.08	cps
Magnesium	24-2	4724695	4721689	4727519	4724634	0.06	cps
Manganese	55-2	4653098	4543072	4460023	4552064	2.13	cps
Molybdenum	94-1	34581	36355	36141	35692	2.71	cps
Molybdenum	95-1	3424	3707	3884	3672	6.32	cps
Molybdenum	96-1	11021	11461	11488	11323	2.32	cps
Molybdenum	97-1	2270	2290	2410	2324	3.26	cps
Molybdenum	98-1	5875	5865	6041	5927	1.68	cps
Neodymium	150-1	94907	96256	97081	96081	1.14	cps
Neodymium	150-2	60938	60854	61021	60938	0.14	cps
Nickel	60-2	62359	62406	61810	62192	0.53	cps
Phosphorus	31-2	19012	18648	18655	18772	1.11	cps
Potassium	39-2	4721939	4677115	4617445	4672166	1.12	cps
Rhodium	103-1	5095700	5194127	5198601	5162809	1.13	cps
Rhodium	103-2	3310285	3264826	3328216	3301109	0.99	cps
Scandium	45-1	3882382	3894855	3959235	3912158	1.05	cps
Scandium	45-2	372137	371525	369537	371066	0.37	cps
Selenium	82-1	398	506	503	469	13.20	cps
Selenium	77-2	210	257	250	239	10.57	cps
Selenium	78-2	610	477	557	548	12.25	cps
Silicon	28-1	22732138	23132153	23193426	23019239	1.09	cps
Silver	107-1	1480	1743	1773	1666	9.69	cps
Silver	109-1	1393	1553	1553	1500	6.16	cps
Sodium	23-2	201254	201984	200765	201334	0.30	cps
Strontium	86-1	182831	191262	190035	188043	2.42	cps
Strontium	88-1	1656602	1644573	1708024	1669733	2.02	cps
Sulfur	34-1	182016	175697	173682	177132	2.46	cps
Terbium	159-1	6178290	6179811	6273865	6210655	0.88	cps
Terbium	159-2	4428518	4467161	4393668	4429782	0.83	cps
Thallium	203-1	1870	1840	1954	1888	3.11	cps
Thallium	205-1	4151	4501	4501	4384	4.61	cps
Tin	118-1	12816	12736	12966	12839	0.91	cps
Titanium	47-1	1363556	1402865	1435287	1400569	2.56	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-11	Instrumnet Name :	P7
Client Sample ID :	MYDAQ1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:14:43	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17648	18596	18066	18104	2.62	cps
Vanadium	51-2	365232	364310	361554	363699	0.53	cps
Yttrium	89-1	10398426	10176034	10483653	10352704	1.53	cps
Yttrium	89-2	2908847	2907299	2902604	2906250	0.11	cps
Zinc	66-2	131913	131853	130075	131280	0.80	cps
Zirconium	90-1	91379	92667	95092	93046	2.03	cps
Zirconium	91-1	20047	21132	21065	20748	2.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-12	Instrumnet Name :	P7
Client Sample ID :	MYDAQ2	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:17:54	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8647430	8728716	8519761	8631969	1.22	cps
Antimony	121-1	10714	10337	11004	10685	3.13	cps
Arsenic	75-2	40833	40936	40836	40868	0.14	cps
Barium	135-1	579205	590263	600952	590140	1.84	cps
Barium	137-1	988707	1025832	1032320	1015620	2.32	cps
Beryllium	9-1	1750	1747	1781	1759	1.06	cps
Bismuth	209-1	3442554	3566657	3551047	3520086	1.92	cps
Bismuth	209-2	3044692	3007620	3044546	3032286	0.70	cps
Bromine	81-1	6918	6685	6835	6813	1.74	cps
Bromine	81-2	433	497	500	477	7.88	cps
Cadmium	108-1	190	203	187	193	4.56	cps
Cadmium	106-1	1923	1997	2024	1981	2.61	cps
Cadmium	111-1	2303	2372	2286	2320	1.97	cps
Calcium	43-1	343280	349330	350580	347730	1.12	cps
Calcium	44-1	5315438	5520773	5473442	5436551	1.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187407	185250	187620	186759	0.70	cps
Cobalt	59-2	190109	189218	189257	189528	0.27	cps
Copper	63-2	315243	313671	315549	314821	0.32	cps
Dysprosium	156-1	49232	51420	52053	50902	2.91	cps
Dysprosium	156-2	45982	45256	45654	45631	0.80	cps
Erbium	164-1	42665	44243	44196	43701	2.05	cps
Erbium	164-2	32254	31729	31856	31947	0.86	cps
Gadolinium	160-1	49300	50116	50644	50020	1.35	cps
Gadolinium	160-2	38877	37864	38252	38331	1.33	cps
Holmium	165-1	5988660	5866791	5997944	5951132	1.23	cps
Holmium	165-2	4414019	4438343	4404945	4419102	0.39	cps
Indium	115-1	5187364	5390948	5361896	5313403	2.07	cps
Indium	115-2	2009834	1981935	1963081	1984950	1.19	cps
Iron	56-2	301594409	303827075	300944916	302122133	0.50	cps
Iron	57-2	7470970	7415998	7474558	7453842	0.44	cps
Iron	54-2	16742013	16718615	16771176	16743935	0.16	cps
Krypton	83-1	307	353	303	321	8.71	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-12	Instrumnet Name :	P7
Client Sample ID :	MYDAQ2	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:17:54	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	228314	235992	235761	233356	1.87	cps
Lead	207-1	201828	208066	209824	206572	2.03	cps
Lead	208-1	910696	934268	937481	927482	1.58	cps
Lithium	6-1	730375	744617	741172	738721	1.01	cps
Magnesium	24-2	4546807	4538895	4460726	4515476	1.05	cps
Manganese	55-2	3581362	3570575	3605398	3585778	0.50	cps
Molybdenum	94-1	59223	60120	61094	60145	1.56	cps
Molybdenum	95-1	4131	4137	4204	4157	0.98	cps
Molybdenum	96-1	16006	15729	16376	16037	2.03	cps
Molybdenum	97-1	2504	2444	2794	2580	7.26	cps
Molybdenum	98-1	5958	6638	6592	6396	5.94	cps
Neodymium	150-1	90132	92236	91099	91155	1.16	cps
Neodymium	150-2	58002	57781	56406	57396	1.51	cps
Nickel	60-2	54024	53706	53017	53582	0.96	cps
Phosphorus	31-2	20494	20591	20707	20597	0.52	cps
Potassium	39-2	2966789	2896929	2863982	2909233	1.80	cps
Rhodium	103-1	5120315	5220515	5270272	5203701	1.47	cps
Rhodium	103-2	3312443	3254861	3341743	3303016	1.34	cps
Scandium	45-1	3909850	3985385	3981602	3958946	1.08	cps
Scandium	45-2	374010	371462	373539	373004	0.36	cps
Selenium	82-1	571	436	532	513	13.61	cps
Selenium	77-2	197	237	217	217	9.23	cps
Selenium	78-2	613	563	567	581	4.81	cps
Silicon	28-1	17189694	17576988	17944765	17570482	2.15	cps
Silver	107-1	1970	1913	2080	1988	4.26	cps
Silver	109-1	1727	1760	1807	1765	2.28	cps
Sodium	23-2	228898	230636	228590	229375	0.48	cps
Strontium	86-1	207239	212581	216465	212095	2.18	cps
Strontium	88-1	1866465	1919041	1913407	1899638	1.52	cps
Sulfur	34-1	177480	178401	180054	178645	0.73	cps
Terbium	159-1	6101680	6248009	6281658	6210449	1.54	cps
Terbium	159-2	4481845	4535547	4479310	4498900	0.71	cps
Thallium	203-1	1517	1683	1633	1611	5.31	cps
Thallium	205-1	3520	3687	3744	3651	3.18	cps
Tin	118-1	11915	12169	12589	12224	2.78	cps
Titanium	47-1	1677748	1729508	1724769	1710675	1.67	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-12	Instrumnet Name :	P7
Client Sample ID :	MYDAQ2	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:17:54	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16724	17111	17535	17123	2.37	cps
Vanadium	51-2	643767	642084	637842	641231	0.48	cps
Yttrium	89-1	10488283	10606374	10653227	10582628	0.80	cps
Yttrium	89-2	2895105	2907869	2946537	2916504	0.92	cps
Zinc	66-2	159327	156982	156952	157754	0.86	cps
Zirconium	90-1	154912	159942	159463	158106	1.76	cps
Zirconium	91-1	33655	35439	35413	34836	2.94	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-13	Instrumnet Name :	P7
Client Sample ID :	MYDAQ3	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:21:07	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6514061	6406724	6405417	6442067	0.97	cps
Antimony	121-1	19246	19206	20021	19491	2.36	cps
Arsenic	75-2	58759	57631	57347	57912	1.29	cps
Barium	135-1	430413	440459	442562	437812	1.48	cps
Barium	137-1	728316	750544	757670	745510	2.05	cps
Beryllium	9-1	1532	1736	1469	1579	8.83	cps
Bismuth	209-1	3502472	3489444	3446842	3479586	0.84	cps
Bismuth	209-2	3069312	3046627	3062632	3059524	0.38	cps
Bromine	81-1	6498	6205	6525	6409	2.77	cps
Bromine	81-2	393	403	373	390	3.92	cps
Cadmium	108-1	230	250	203	228	10.28	cps
Cadmium	106-1	1947	1973	2060	1993	2.97	cps
Cadmium	111-1	3219	3180	3217	3205	0.68	cps
Calcium	43-1	227327	232998	235418	231914	1.79	cps
Calcium	44-1	3542419	3683037	3667773	3631076	2.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	169806	169009	168808	169207	0.31	cps
Cobalt	59-2	196144	195663	195714	195840	0.13	cps
Copper	63-2	366506	364962	363765	365078	0.38	cps
Dysprosium	156-1	41568	42762	43200	42510	1.99	cps
Dysprosium	156-2	38586	38513	38707	38602	0.25	cps
Erbium	164-1	36477	37841	38115	37478	2.34	cps
Erbium	164-2	27651	27494	27504	27549	0.32	cps
Gadolinium	160-1	40876	42524	41515	41638	2.00	cps
Gadolinium	160-2	31636	32301	32518	32151	1.43	cps
Holmium	165-1	5996572	5997086	6095833	6029830	0.95	cps
Holmium	165-2	4486973	4417545	4462210	4455576	0.79	cps
Indium	115-1	5376124	5322067	5442547	5380246	1.12	cps
Indium	115-2	2004695	1978138	1989012	1990615	0.67	cps
Iron	56-2	293746289	291238969	292706776	292564011	0.43	cps
Iron	57-2	7280967	7232235	7262719	7258640	0.34	cps
Iron	54-2	16242296	16097164	16166307	16168589	0.45	cps
Krypton	83-1	273	253	267	264	3.85	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-13	Instrumnet Name :	P7
Client Sample ID :	MYDAQ3	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:21:07	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	323115	332253	331262	328877	1.52	cps
Lead	207-1	290949	296754	297349	295017	1.20	cps
Lead	208-1	1300685	1328560	1328976	1319407	1.23	cps
Lithium	6-1	735596	739668	745456	740240	0.67	cps
Magnesium	24-2	3670707	3600190	3528748	3599882	1.97	cps
Manganese	55-2	3912044	3862657	3970624	3915108	1.38	cps
Molybdenum	94-1	48052	50721	49714	49496	2.72	cps
Molybdenum	95-1	4717	4851	4948	4839	2.39	cps
Molybdenum	96-1	14881	15408	15178	15156	1.74	cps
Molybdenum	97-1	2870	2907	3057	2945	3.36	cps
Molybdenum	98-1	7672	7922	7962	7852	2.00	cps
Neodymium	150-1	76781	78574	77193	77516	1.21	cps
Neodymium	150-2	48767	48650	49182	48866	0.57	cps
Nickel	60-2	50040	48916	49425	49460	1.14	cps
Phosphorus	31-2	22513	22887	21662	22354	2.81	cps
Potassium	39-2	3421948	3397006	3377921	3398958	0.65	cps
Rhodium	103-1	5116052	5186863	5206479	5169798	0.92	cps
Rhodium	103-2	3348832	3351516	3360096	3353481	0.18	cps
Scandium	45-1	3874871	3984390	3989702	3949654	1.64	cps
Scandium	45-2	369957	365387	370366	368570	0.75	cps
Selenium	82-1	532	578	580	563	4.85	cps
Selenium	77-2	160	180	177	172	6.22	cps
Selenium	78-2	487	540	457	494	8.54	cps
Silicon	28-1	14773376	15095823	15102276	14990492	1.25	cps
Silver	107-1	3200	3380	3297	3293	2.74	cps
Silver	109-1	3184	3077	3110	3124	1.75	cps
Sodium	23-2	153712	154106	152883	153567	0.41	cps
Strontium	86-1	164142	170179	170780	168367	2.18	cps
Strontium	88-1	1436024	1516314	1505100	1485813	2.93	cps
Sulfur	34-1	184671	185130	184101	184634	0.28	cps
Terbium	159-1	6151026	6301580	6325990	6259532	1.51	cps
Terbium	159-2	4454167	4470935	4466091	4463731	0.19	cps
Thallium	203-1	1703	1567	1617	1629	4.25	cps
Thallium	205-1	3667	4004	4111	3927	5.89	cps
Tin	118-1	11491	12409	12782	12228	5.43	cps
Titanium	47-1	1938862	1982316	2044726	1988635	2.68	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-13	Instrumnet Name :	P7
Client Sample ID :	MYDAQ3	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:21:07	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14999	15459	15516	15324	1.85	cps
Vanadium	51-2	609075	604945	605060	606360	0.39	cps
Yttrium	89-1	10253860	10538330	10331963	10374718	1.42	cps
Yttrium	89-2	2870782	2865354	2864392	2866842	0.12	cps
Zinc	66-2	233083	233710	233779	233524	0.16	cps
Zirconium	90-1	128330	133421	131816	131189	1.98	cps
Zirconium	91-1	28441	28782	28992	28738	0.97	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-14	Instrumnet Name :	P7
Client Sample ID :	MYDAQ4	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:24:18	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5687653	5547810	5629313	5621592	1.25	cps
Antimony	121-1	12566	12506	12779	12617	1.14	cps
Arsenic	75-2	42551	43888	43209	43216	1.55	cps
Barium	135-1	431328	460725	446760	446271	3.30	cps
Barium	137-1	767578	765757	785795	773043	1.43	cps
Beryllium	9-1	1427	1430	1513	1457	3.37	cps
Bismuth	209-1	3322948	3546906	3388860	3419571	3.37	cps
Bismuth	209-2	3002027	3020633	3034369	3019010	0.54	cps
Bromine	81-1	6752	6715	6475	6647	2.26	cps
Bromine	81-2	477	447	417	447	6.72	cps
Cadmium	108-1	147	117	187	150	23.41	cps
Cadmium	106-1	1983	1773	1940	1899	5.84	cps
Cadmium	111-1	2619	2553	2568	2580	1.35	cps
Calcium	43-1	255331	260129	260729	258730	1.14	cps
Calcium	44-1	3895005	4186926	3964666	4015532	3.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166151	165815	163941	165302	0.72	cps
Cobalt	59-2	228049	227230	227867	227715	0.19	cps
Copper	63-2	347558	348678	348037	348091	0.16	cps
Dysprosium	156-1	38453	40057	40017	39509	2.32	cps
Dysprosium	156-2	35769	36130	35692	35864	0.65	cps
Erbium	164-1	33273	35051	34262	34195	2.60	cps
Erbium	164-2	25567	25022	24134	24908	2.90	cps
Gadolinium	160-1	38600	38215	38914	38576	0.91	cps
Gadolinium	160-2	29047	29194	30166	29469	2.06	cps
Holmium	165-1	5718404	6055343	5951907	5908551	2.92	cps
Holmium	165-2	4327987	4406203	4400617	4378269	1.00	cps
Indium	115-1	5155266	5399821	5234892	5263326	2.37	cps
Indium	115-2	2004112	1947308	1944112	1965177	1.72	cps
Iron	56-2	263012969	261887949	259720929	261540616	0.64	cps
Iron	57-2	6484166	6578639	6477756	6513520	0.87	cps
Iron	54-2	14582573	14497928	14533678	14538060	0.29	cps
Krypton	83-1	327	337	297	320	6.51	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-14	Instrumnet Name :	P7
Client Sample ID :	MYDAQ4	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:24:18	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	222532	236837	228511	229293	3.13	cps
Lead	207-1	201230	203531	211991	205584	2.76	cps
Lead	208-1	904092	916815	918287	913065	0.85	cps
Lithium	6-1	699043	754766	680045	711285	5.46	cps
Magnesium	24-2	3738908	3639255	3694716	3690960	1.35	cps
Manganese	55-2	3866634	3804061	3861326	3844007	0.90	cps
Molybdenum	94-1	23686	23773	23793	23750	0.24	cps
Molybdenum	95-1	4464	4621	4677	4587	2.41	cps
Molybdenum	96-1	10464	10521	10651	10545	0.91	cps
Molybdenum	97-1	2724	2800	2930	2818	3.71	cps
Molybdenum	98-1	7012	7325	7005	7114	2.57	cps
Neodymium	150-1	69705	71564	71265	70845	1.41	cps
Neodymium	150-2	45132	44062	44921	44705	1.27	cps
Nickel	60-2	51211	51893	50963	51356	0.94	cps
Phosphorus	31-2	22086	22226	22283	22198	0.46	cps
Potassium	39-2	2828688	2854818	2869368	2850958	0.72	cps
Rhodium	103-1	5133070	5101893	5353050	5196004	2.63	cps
Rhodium	103-2	3380992	3297056	3276967	3318338	1.66	cps
Scandium	45-1	3780529	4065700	3806609	3884279	4.06	cps
Scandium	45-2	364779	362223	362704	363235	0.37	cps
Selenium	82-1	403	451	529	461	13.83	cps
Selenium	77-2	137	183	177	166	15.25	cps
Selenium	78-2	487	530	557	524	6.74	cps
Silicon	28-1	14386108	14998633	15268059	14884267	3.04	cps
Silver	107-1	2564	2557	2390	2504	3.92	cps
Silver	109-1	2434	2260	2314	2336	3.80	cps
Sodium	23-2	155093	155871	155513	155492	0.25	cps
Strontium	86-1	154525	161651	167308	161162	3.97	cps
Strontium	88-1	1385076	1381627	1399592	1388765	0.69	cps
Sulfur	34-1	184535	182023	182951	183170	0.69	cps
Terbium	159-1	6178609	6038627	6320770	6179335	2.28	cps
Terbium	159-2	4324550	4353748	4323874	4334057	0.39	cps
Thallium	203-1	1297	1257	1353	1302	3.73	cps
Thallium	205-1	3167	3034	3074	3091	2.21	cps
Tin	118-1	11234	11398	11521	11385	1.26	cps
Titanium	47-1	1123438	1172295	1192057	1162597	3.04	cps

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On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-14	Instrumnet Name :	P7
Client Sample ID :	MYDAQ4	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:24:18	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13313	13030	13143	13162	1.08	cps
Vanadium	51-2	524541	519827	520314	521561	0.50	cps
Yttrium	89-1	10060323	10480686	10006086	10182365	2.55	cps
Yttrium	89-2	2832554	2801417	2811084	2815018	0.57	cps
Zinc	66-2	161621	163404	163110	162712	0.59	cps
Zirconium	90-1	56278	61003	58985	58755	4.04	cps
Zirconium	91-1	12449	12579	13643	12890	5.08	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-15	Instrumnet Name :	P7
Client Sample ID :	MYDAQ5	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:27:32	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9097995	8945378	9062874	9035416	0.88	cps
Antimony	121-1	10120	10304	10240	10221	0.91	cps
Arsenic	75-2	27225	28414	27756	27798	2.14	cps
Barium	135-1	650810	669943	675310	665354	1.94	cps
Barium	137-1	1119014	1141166	1171746	1143976	2.31	cps
Beryllium	9-1	1760	2087	2134	1994	10.21	cps
Bismuth	209-1	3406612	3474543	3399557	3426904	1.21	cps
Bismuth	209-2	2960424	3003692	3023193	2995769	1.07	cps
Bromine	81-1	8546	8769	9353	8889	4.69	cps
Bromine	81-2	923	967	890	927	4.15	cps
Cadmium	108-1	123	117	130	123	5.40	cps
Cadmium	106-1	1860	1953	2034	1949	4.45	cps
Cadmium	111-1	1946	2039	2002	1996	2.36	cps
Calcium	43-1	288715	299597	301079	296464	2.28	cps
Calcium	44-1	4478469	4564124	4643753	4562115	1.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	194917	196254	196879	196017	0.51	cps
Cobalt	59-2	229082	228124	229568	228925	0.32	cps
Copper	63-2	328027	333287	333134	331483	0.90	cps
Dysprosium	156-1	53759	54562	53796	54039	0.84	cps
Dysprosium	156-2	47584	49156	49045	48595	1.81	cps
Erbium	164-1	45932	47400	47400	46911	1.81	cps
Erbium	164-2	34028	34255	33754	34012	0.74	cps
Gadolinium	160-1	51618	53180	53415	52738	1.85	cps
Gadolinium	160-2	40114	40789	39683	40195	1.39	cps
Holmium	165-1	5878057	5997868	5996915	5957613	1.16	cps
Holmium	165-2	4305131	4412512	4538976	4418873	2.65	cps
Indium	115-1	5217612	5311696	5332898	5287402	1.16	cps
Indium	115-2	1966695	1994001	2009168	1989955	1.08	cps
Iron	56-2	305083262	299446809	298756996	301095689	1.15	cps
Iron	57-2	7537443	7579136	7502619	7539733	0.51	cps
Iron	54-2	16976156	16694502	16956805	16875821	0.93	cps
Krypton	83-1	340	300	350	330	8.02	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-15	Instrumnet Name :	P7
Client Sample ID :	MYDAQ5	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:27:32	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	143165	145940	147433	145513	1.49	cps
Lead	207-1	120768	122832	126452	123351	2.33	cps
Lead	208-1	554333	562891	573297	563507	1.69	cps
Lithium	6-1	719551	711170	722474	717732	0.82	cps
Magnesium	24-2	4649363	4651965	4652876	4651401	0.04	cps
Manganese	55-2	4540348	4526156	4514006	4526837	0.29	cps
Molybdenum	94-1	40884	42241	42839	41988	2.39	cps
Molybdenum	95-1	4377	4104	4301	4261	3.31	cps
Molybdenum	96-1	13013	13249	13380	13214	1.41	cps
Molybdenum	97-1	2384	2644	2577	2535	5.33	cps
Molybdenum	98-1	6305	6582	6498	6461	2.20	cps
Neodymium	150-1	95195	99605	98490	97764	2.35	cps
Neodymium	150-2	60479	60864	62092	61145	1.38	cps
Nickel	60-2	61800	61927	62229	61985	0.36	cps
Phosphorus	31-2	19179	19256	19666	19367	1.35	cps
Potassium	39-2	4007651	3995692	4000119	4001154	0.15	cps
Rhodium	103-1	4996009	5191600	5222375	5136661	2.39	cps
Rhodium	103-2	3329164	3319654	3284336	3311051	0.71	cps
Scandium	45-1	3972100	3919576	3973502	3955059	0.78	cps
Scandium	45-2	374110	372004	371727	372614	0.35	cps
Selenium	82-1	462	643	534	547	16.66	cps
Selenium	77-2	223	293	293	270	14.97	cps
Selenium	78-2	523	563	560	549	4.04	cps
Silicon	28-1	18900603	19534513	19709548	19381555	2.20	cps
Silver	107-1	1617	1710	1647	1658	2.87	cps
Silver	109-1	1437	1500	1480	1472	2.20	cps
Sodium	23-2	177230	177131	177615	177325	0.14	cps
Strontium	86-1	211573	217741	222495	217270	2.52	cps
Strontium	88-1	1931219	1963658	1963782	1952886	0.96	cps
Sulfur	34-1	183747	181251	178067	181022	1.57	cps
Terbium	159-1	6155044	6260252	6203883	6206393	0.85	cps
Terbium	159-2	4414341	4381557	4435372	4410423	0.61	cps
Thallium	203-1	1850	1897	1830	1859	1.84	cps
Thallium	205-1	4267	4771	4614	4551	5.66	cps
Tin	118-1	12793	13243	13583	13206	3.00	cps
Titanium	47-1	1815464	1867012	1870388	1850955	1.66	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-15	Instrumnet Name :	P7
Client Sample ID :	MYDAQ5	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:27:32	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20119	20509	20028	20219	1.26	cps
Vanadium	51-2	580603	579481	580497	580194	0.11	cps
Yttrium	89-1	10319541	10575678	10619987	10505068	1.54	cps
Yttrium	89-2	2911015	2872722	2851366	2878368	1.05	cps
Zinc	66-2	122596	121715	120068	121460	1.06	cps
Zirconium	90-1	105946	109763	111386	109032	2.56	cps
Zirconium	91-1	23052	24437	24611	24033	3.56	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-16	Instrumnet Name :	P7
Client Sample ID :	MYDAQ7	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:30:44	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5955723	6044499	6041557	6013927	0.84	cps
Antimony	121-1	12309	11835	12579	12241	3.08	cps
Arsenic	75-2	37785	38533	38523	38280	1.12	cps
Barium	135-1	458838	475889	474648	469792	2.02	cps
Barium	137-1	787060	803499	811925	800828	1.58	cps
Beryllium	9-1	1514	1414	1347	1425	5.88	cps
Bismuth	209-1	3290252	3416248	3302802	3336434	2.08	cps
Bismuth	209-2	2955824	2981943	3047772	2995180	1.58	cps
Bromine	81-1	6338	6245	6365	6316	1.00	cps
Bromine	81-2	277	317	353	316	12.15	cps
Cadmium	108-1	163	167	117	149	18.78	cps
Cadmium	106-1	1933	1850	1817	1867	3.22	cps
Cadmium	111-1	2302	2245	2333	2294	1.95	cps
Calcium	43-1	296445	301423	303905	300591	1.26	cps
Calcium	44-1	4623653	4707187	4769891	4700244	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	175324	173702	175341	174789	0.54	cps
Cobalt	59-2	201039	203557	201413	202003	0.67	cps
Copper	63-2	302053	304043	298151	301416	0.99	cps
Dysprosium	156-1	41388	42404	42795	42195	1.72	cps
Dysprosium	156-2	36387	37814	38242	37481	2.59	cps
Erbium	164-1	35351	36230	36397	35993	1.56	cps
Erbium	164-2	26111	26562	26502	26392	0.93	cps
Gadolinium	160-1	39058	40361	41498	40306	3.03	cps
Gadolinium	160-2	31101	31372	31125	31199	0.48	cps
Holmium	165-1	5803368	5896186	5779463	5826339	1.06	cps
Holmium	165-2	4459274	4387654	4477727	4441552	1.07	cps
Indium	115-1	5213079	5340842	5152686	5235536	1.83	cps
Indium	115-2	1959701	1952205	1929526	1947144	0.81	cps
Iron	56-2	273129689	280199429	275553896	276294338	1.30	cps
Iron	57-2	6890317	6902585	6852243	6881715	0.38	cps
Iron	54-2	15057294	15062619	15380951	15166955	1.22	cps
Krypton	83-1	293	303	307	301	2.30	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-16	Instrumnet Name :	P7
Client Sample ID :	MYDAQ7	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:30:44	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	181620	187291	189556	186156	2.20	cps
Lead	207-1	160755	164759	164648	163387	1.40	cps
Lead	208-1	724473	741968	746299	737580	1.57	cps
Lithium	6-1	687413	693976	676983	686124	1.25	cps
Magnesium	24-2	3600827	3609520	3697579	3635975	1.47	cps
Manganese	55-2	4085696	4170278	4112409	4122794	1.05	cps
Molybdenum	94-1	43301	45089	44598	44329	2.08	cps
Molybdenum	95-1	3954	4261	4031	4082	3.91	cps
Molybdenum	96-1	12732	13143	13326	13067	2.33	cps
Molybdenum	97-1	2550	2710	2550	2604	3.55	cps
Molybdenum	98-1	6388	6548	6471	6469	1.24	cps
Neodymium	150-1	71524	74636	75253	73804	2.71	cps
Neodymium	150-2	45443	46245	45864	45851	0.88	cps
Nickel	60-2	49261	49013	49512	49262	0.51	cps
Phosphorus	31-2	23585	24556	23708	23950	2.21	cps
Potassium	39-2	2865737	2825975	2843237	2844983	0.70	cps
Rhodium	103-1	5052504	5172178	5014782	5079821	1.62	cps
Rhodium	103-2	3275020	3264265	3337076	3292120	1.19	cps
Scandium	45-1	3790983	3919674	3786569	3832409	1.97	cps
Scandium	45-2	363075	363133	366757	364322	0.58	cps
Selenium	82-1	531	512	400	481	14.79	cps
Selenium	77-2	123	147	167	146	14.90	cps
Selenium	78-2	573	513	417	501	15.77	cps
Silicon	28-1	20431876	20663374	20823731	20639660	0.95	cps
Silver	107-1	1440	1580	1637	1552	6.52	cps
Silver	109-1	1337	1363	1460	1387	4.68	cps
Sodium	23-2	169192	169863	169445	169500	0.20	cps
Strontium	86-1	177087	186069	184587	182581	2.64	cps
Strontium	88-1	1586251	1609195	1631283	1608910	1.40	cps
Sulfur	34-1	179763	177080	173799	176881	1.69	cps
Terbium	159-1	6067036	6321502	6039378	6142639	2.53	cps
Terbium	159-2	4388861	4336567	4397968	4374465	0.76	cps
Thallium	203-1	1280	1277	1250	1269	1.30	cps
Thallium	205-1	2810	3000	2977	2929	3.54	cps
Tin	118-1	11448	12205	12028	11894	3.33	cps
Titanium	47-1	1959123	2005211	2075173	2013169	2.90	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-16	Instrumnet Name :	P7
Client Sample ID :	MYDAQ7	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:30:44	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13837	13931	13981	13916	0.52	cps
Vanadium	51-2	570567	581424	571949	574647	1.03	cps
Yttrium	89-1	9894939	10264619	10210480	10123346	1.97	cps
Yttrium	89-2	2843541	2807563	2876097	2842400	1.21	cps
Zinc	66-2	143004	140656	144553	142738	1.37	cps
Zirconium	90-1	113565	117395	117328	116096	1.89	cps
Zirconium	91-1	24881	26230	26147	25753	2.93	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-17	Instrumnet Name :	P7
Client Sample ID :	MYDAQ8	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:33:57	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5141258	4958164	5047920	5049114	1.81	cps
Antimony	121-1	13670	13530	13446	13549	0.83	cps
Arsenic	75-2	43570	44811	44597	44326	1.50	cps
Barium	135-1	437790	444140	450931	444287	1.48	cps
Barium	137-1	749172	772697	781039	767636	2.15	cps
Beryllium	9-1	1068	1081	1028	1059	2.61	cps
Bismuth	209-1	3352751	3374312	3450754	3392606	1.52	cps
Bismuth	209-2	2994285	2992308	2974514	2987035	0.36	cps
Bromine	81-1	6508	6538	6858	6635	2.92	cps
Bromine	81-2	417	483	420	440	8.54	cps
Cadmium	108-1	180	153	147	160	11.02	cps
Cadmium	106-1	1887	1817	1727	1810	4.43	cps
Cadmium	111-1	2608	2691	2683	2661	1.72	cps
Calcium	43-1	278251	286931	288301	284495	1.92	cps
Calcium	44-1	4337068	4418413	4544685	4433389	2.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125131	123662	123393	124062	0.75	cps
Cobalt	59-2	142500	143469	142056	142675	0.51	cps
Copper	63-2	291098	292643	288731	290824	0.68	cps
Dysprosium	156-1	33984	34636	34629	34417	1.09	cps
Dysprosium	156-2	30473	30694	31769	30979	2.24	cps
Erbium	164-1	29014	29812	29525	29450	1.37	cps
Erbium	164-2	21450	21720	21053	21408	1.57	cps
Gadolinium	160-1	33002	34472	33868	33781	2.19	cps
Gadolinium	160-2	25340	25193	26064	25532	1.83	cps
Holmium	165-1	5883700	5937610	5884081	5901797	0.53	cps
Holmium	165-2	4392916	4396767	4366533	4385405	0.38	cps
Indium	115-1	5219444	5248522	5237943	5235303	0.28	cps
Indium	115-2	2006641	1967216	1961204	1978354	1.25	cps
Iron	56-2	193650697	192253770	193232157	193045542	0.37	cps
Iron	57-2	4795724	4706480	4640237	4714147	1.66	cps
Iron	54-2	10740484	10755028	10781149	10758887	0.19	cps
Krypton	83-1	273	300	337	303	10.48	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-17	Instrumnet Name :	P7
Client Sample ID :	MYDAQ8	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:33:57	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	247516	253243	256096	252285	1.73	cps
Lead	207-1	227886	232190	231420	230499	1.00	cps
Lead	208-1	1003075	1019637	1028060	1016924	1.25	cps
Lithium	6-1	688317	685887	679179	684461	0.69	cps
Magnesium	24-2	3039433	2970256	3049128	3019606	1.42	cps
Manganese	55-2	3776883	3764502	3788445	3776610	0.32	cps
Molybdenum	94-1	31661	32486	32352	32166	1.38	cps
Molybdenum	95-1	3671	3624	3791	3695	2.33	cps
Molybdenum	96-1	10214	10087	10250	10184	0.84	cps
Molybdenum	97-1	2257	2220	2310	2262	2.00	cps
Molybdenum	98-1	5708	5798	5591	5699	1.82	cps
Neodymium	150-1	60127	61570	62093	61263	1.66	cps
Neodymium	150-2	38004	38432	37373	37936	1.41	cps
Nickel	60-2	39689	39529	39522	39580	0.24	cps
Phosphorus	31-2	22657	21832	21816	22102	2.18	cps
Potassium	39-2	3176397	3207670	3175426	3186498	0.58	cps
Rhodium	103-1	5122859	5102858	5196145	5140621	0.96	cps
Rhodium	103-2	3292688	3230315	3223262	3248755	1.18	cps
Scandium	45-1	3797486	3855644	3891253	3848128	1.23	cps
Scandium	45-2	366043	357283	359570	360965	1.26	cps
Selenium	82-1	465	538	420	474	12.57	cps
Selenium	77-2	137	137	147	140	4.12	cps
Selenium	78-2	520	477	577	524	9.56	cps
Silicon	28-1	17920981	18371269	18235856	18176035	1.27	cps
Silver	107-1	2774	2984	2977	2911	4.10	cps
Silver	109-1	2544	2680	2820	2681	5.16	cps
Sodium	23-2	157395	159069	158948	158471	0.59	cps
Strontium	86-1	157814	163235	161868	160972	1.75	cps
Strontium	88-1	1363532	1401577	1408912	1391340	1.75	cps
Sulfur	34-1	201426	197161	194889	197825	1.68	cps
Terbium	159-1	6016714	6214623	6151420	6127586	1.65	cps
Terbium	159-2	4425213	4333412	4367981	4375535	1.06	cps
Thallium	203-1	1183	1243	1193	1207	2.66	cps
Thallium	205-1	2950	2894	2817	2887	2.32	cps
Tin	118-1	13089	13513	13526	13376	1.86	cps
Titanium	47-1	1352473	1393037	1390639	1378716	1.65	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-17	Instrumnet Name :	P7
Client Sample ID :	MYDAQ8	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:33:57	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11252	11078	11385	11238	1.37	cps
Vanadium	51-2	352503	353607	353673	353261	0.19	cps
Yttrium	89-1	10065817	10120657	10074750	10087074	0.29	cps
Yttrium	89-2	2820197	2759505	2772367	2784023	1.15	cps
Zinc	66-2	191652	189197	191749	190866	0.76	cps
Zirconium	90-1	80047	82473	83737	82086	2.28	cps
Zirconium	91-1	18151	18245	18085	18160	0.44	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:46:15	DataFile Name :	072CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8434063	8406773	8413255	8418030	0.17	cps
Antimony	121-1	3467343	3567731	3620430	3551835	2.19	cps
Arsenic	75-2	221724	220666	222425	221605	0.40	cps
Barium	135-1	3996217	4116642	4077803	4063554	1.51	cps
Barium	137-1	6837517	7128393	6999528	6988479	2.09	cps
Beryllium	9-1	520961	537279	538050	532097	1.81	cps
Bismuth	209-1	3516146	3534752	3593337	3548078	1.14	cps
Bismuth	209-2	3079302	3070103	3126857	3092087	0.99	cps
Bromine	81-1	5841	5881	6095	5939	2.29	cps
Bromine	81-2	77	53	53	61	22.05	cps
Cadmium	108-1	61533	63642	62745	62640	1.69	cps
Cadmium	106-1	87827	90976	91211	90005	2.10	cps
Cadmium	111-1	853611	866684	863782	861359	0.80	cps
Calcium	43-1	5092570	5214898	5283006	5196825	1.86	cps
Calcium	44-1	81467964	83808422	84458012	83244799	1.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1644138	1637179	1652849	1644722	0.48	cps
Cobalt	59-2	2700660	2659931	2697698	2686096	0.85	cps
Copper	63-2	19093446	19124530	19068808	19095594	0.15	cps
Dysprosium	156-1	213	267	243	241	11.09	cps
Dysprosium	156-2	267	243	260	257	4.68	cps
Erbium	164-1	143	170	183	166	12.30	cps
Erbium	164-2	120	130	137	129	6.51	cps
Gadolinium	160-1	110	103	123	112	9.08	cps
Gadolinium	160-2	197	200	263	220	17.08	cps
Holmium	165-1	6362982	6267362	6242866	6291070	1.01	cps
Holmium	165-2	4610996	4596756	4633281	4613678	0.40	cps
Indium	115-1	5419380	5343181	5371852	5378138	0.72	cps
Indium	115-2	1975087	1988339	2038689	2000705	1.68	cps
Iron	56-2	341777082	341382615	341916642	341692113	0.08	cps
Iron	57-2	8452852	8531378	8502335	8495521	0.47	cps
Iron	54-2	18969774	19004064	19247213	19073684	0.79	cps
Krypton	83-1	283	300	310	298	4.52	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:46:15	DataFile Name :	072CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10103487	10444709	10235213	10261136	1.68	cps
Lead	207-1	8908881	9161891	8962673	9011149	1.48	cps
Lead	208-1	40078026	41492548	40851403	40807326	1.74	cps
Lithium	6-1	819058	815864	826581	820501	0.67	cps
Magnesium	24-2	68684946	69372037	69562552	69206512	0.67	cps
Manganese	55-2	11746021	11645978	11687626	11693208	0.43	cps
Molybdenum	94-1	13242045	13523617	13337410	13367691	1.07	cps
Molybdenum	95-1	19351623	19452521	19381896	19395347	0.27	cps
Molybdenum	96-1	21035260	21204189	21165342	21134930	0.42	cps
Molybdenum	97-1	12000323	12048410	12143370	12064034	0.60	cps
Molybdenum	98-1	30706369	30981751	31261525	30983215	0.90	cps
Neodymium	150-1	183	200	220	201	9.13	cps
Neodymium	150-2	43	87	53	61	37.14	cps
Nickel	60-2	675326	665015	664330	668224	0.92	cps
Phosphorus	31-2	99960	99561	99799	99773	0.20	cps
Potassium	39-2	49036043	49367164	49240633	49214613	0.34	cps
Rhodium	103-1	5246516	5208356	5210865	5221912	0.41	cps
Rhodium	103-2	3307548	3274722	3254492	3278921	0.82	cps
Scandium	45-1	3928699	3937794	3971161	3945885	0.57	cps
Scandium	45-2	359758	360479	360184	360141	0.10	cps
Selenium	82-1	53542	55547	55388	54826	2.03	cps
Selenium	77-2	5818	5718	5728	5755	0.96	cps
Selenium	78-2	20147	19450	18899	19499	3.21	cps
Silicon	28-1	8248375	8407652	8546558	8400862	1.78	cps
Silver	107-1	4428872	4474235	4502186	4468431	0.83	cps
Silver	109-1	4171139	4283405	4245558	4233368	1.35	cps
Sodium	23-2	116886478	117039495	114869632	116265202	1.04	cps
Strontium	86-1	28257086	28712475	28522247	28497270	0.80	cps
Strontium	88-1	241799903	246251476	251872710	246641363	2.05	cps
Sulfur	34-1	499637	505032	510067	504912	1.03	cps
Terbium	159-1	6558900	6491340	6525683	6525308	0.52	cps
Terbium	159-2	4574284	4606054	4630183	4603507	0.61	cps
Thallium	203-1	2567309	2593587	2603812	2588236	0.73	cps
Thallium	205-1	6045916	6080093	6073744	6066584	0.30	cps
Tin	118-1	2605045	2629513	2630097	2621552	0.55	cps
Titanium	47-1	5562300	5586556	5691484	5613447	1.22	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:46:15	DataFile Name :	072CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7609400	7760406	7812379	7727395	1.36	cps
Vanadium	51-2	1486776	1489703	1509882	1495454	0.84	cps
Yttrium	89-1	10287149	10191097	10253567	10243938	0.48	cps
Yttrium	89-2	2738932	2746137	2758673	2747914	0.36	cps
Zinc	66-2	3246016	3218954	3236795	3233922	0.43	cps
Zirconium	90-1	6137451	6117779	6211795	6155675	0.81	cps
Zirconium	91-1	1319092	1353067	1364954	1345704	1.77	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:49:23	DataFile Name :	073CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	617	583	617	606	3.18	cps
Antimony	121-1	2677	2687	2817	2727	2.86	cps
Arsenic	75-2	23	17	13	18	28.64	cps
Barium	135-1	200	230	137	189	25.22	cps
Barium	137-1	400	290	227	306	28.70	cps
Beryllium	9-1	77	80	77	78	2.41	cps
Bismuth	209-1	3409443	3533003	3425447	3455964	1.94	cps
Bismuth	209-2	3094869	3065295	3134266	3098144	1.12	cps
Bromine	81-1	5745	5408	5598	5583	3.02	cps
Bromine	81-2	157	97	80	111	36.29	cps
Cadmium	108-1	13	23	20	19	26.96	cps
Cadmium	106-1	1640	1500	1543	1561	4.59	cps
Cadmium	111-1	1232	1134	1143	1170	4.64	cps
Calcium	43-1	707	657	680	681	3.67	cps
Calcium	44-1	27869	27125	27696	27563	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1060	977	1090	1042	5.63	cps
Cobalt	59-2	117	157	167	147	18.04	cps
Copper	63-2	1457	1510	1360	1442	5.27	cps
Dysprosium	156-1	90	137	87	104	26.77	cps
Dysprosium	156-2	17	17	13	16	12.40	cps
Erbium	164-1	40	43	50	44	11.46	cps
Erbium	164-2	23	30	37	30	22.23	cps
Gadolinium	160-1	33	23	40	32	26.04	cps
Gadolinium	160-2	190	200	220	203	7.51	cps
Holmium	165-1	5798030	5848109	5865761	5837300	0.60	cps
Holmium	165-2	4396176	4434816	4489680	4440224	1.06	cps
Indium	115-1	5106998	5358668	5424396	5296687	3.16	cps
Indium	115-2	1951815	1985211	2040068	1992365	2.24	cps
Iron	56-2	21542	21092	20948	21194	1.46	cps
Iron	57-2	3194	3374	3240	3269	2.86	cps
Iron	54-2	2457	2367	2447	2424	2.04	cps
Krypton	83-1	260	223	257	247	8.22	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:49:23	DataFile Name :	073CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1310	1327	1207	1281	5.07	cps
Lead	207-1	1227	1223	1080	1177	7.12	cps
Lead	208-1	5561	5277	4747	5195	7.95	cps
Lithium	6-1	775501	789183	793641	786108	1.20	cps
Magnesium	24-2	1960	1800	1950	1903	4.71	cps
Manganese	55-2	640	623	717	660	7.54	cps
Molybdenum	94-1	3034	2390	2140	2521	18.28	cps
Molybdenum	95-1	1167	1063	1093	1108	4.80	cps
Molybdenum	96-1	1760	1357	1377	1498	15.18	cps
Molybdenum	97-1	590	670	577	612	8.25	cps
Molybdenum	98-1	1720	1520	1573	1605	6.46	cps
Neodymium	150-1	10	10	10	10	0.00	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	203	147	153	168	18.46	cps
Phosphorus	31-2	153	170	190	171	10.73	cps
Potassium	39-2	104022	104965	103428	104138	0.74	cps
Rhodium	103-1	5201303	5196618	5219988	5205970	0.24	cps
Rhodium	103-2	3307583	3388220	3344586	3346796	1.21	cps
Scandium	45-1	3645714	3758639	3773031	3725795	1.87	cps
Scandium	45-2	337531	340811	341913	340085	0.67	cps
Selenium	82-1	321	367	350	346	6.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	347	317	370	344	7.76	cps
Silicon	28-1	392804	393228	393826	393286	0.13	cps
Silver	107-1	473	510	473	486	4.36	cps
Silver	109-1	553	423	467	481	13.76	cps
Sodium	23-2	77048	77296	76566	76970	0.48	cps
Strontium	86-1	1347	1137	997	1160	15.19	cps
Strontium	88-1	8322	6488	5491	6767	21.22	cps
Sulfur	34-1	229879	228303	230516	229566	0.50	cps
Terbium	159-1	6009447	6108308	6121734	6079830	1.01	cps
Terbium	159-2	4365990	4395658	4421495	4394381	0.63	cps
Thallium	203-1	690	543	520	584	15.77	cps
Thallium	205-1	1450	1290	1143	1295	11.85	cps
Tin	118-1	1753	1847	2117	1906	9.90	cps
Titanium	47-1	283	390	427	367	20.31	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:49:23	DataFile Name :	073CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	263	137	180	193	33.30	cps
Vanadium	51-2	37	53	73	54	33.71	cps
Yttrium	89-1	9356207	9590140	9650670	9532339	1.63	cps
Yttrium	89-2	2619862	2631289	2631501	2627551	0.25	cps
Zinc	66-2	780	760	727	756	3.57	cps
Zirconium	90-1	6682	4978	4517	5392	21.14	cps
Zirconium	91-1	1550	1063	1017	1210	24.41	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-18	Instrumnet Name :	P7
Client Sample ID :	MYDAQ9	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:52:45	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6279832	6142086	6270517	6230811	1.24	cps
Antimony	121-1	10904	11718	11852	11491	4.46	cps
Arsenic	75-2	35265	35282	35102	35216	0.28	cps
Barium	135-1	643654	660850	663179	655894	1.63	cps
Barium	137-1	1102470	1133043	1139823	1125112	1.77	cps
Beryllium	9-1	1538	1512	1502	1518	1.23	cps
Bismuth	209-1	3425572	3442013	3505261	3457615	1.22	cps
Bismuth	209-2	3085025	3073183	3062798	3073669	0.36	cps
Bromine	81-1	6652	6552	6485	6563	1.28	cps
Bromine	81-2	350	430	423	401	11.07	cps
Cadmium	108-1	143	177	167	162	10.54	cps
Cadmium	106-1	2060	2130	1937	2042	4.79	cps
Cadmium	111-1	2442	2448	2369	2420	1.81	cps
Calcium	43-1	284665	295488	295065	291739	2.10	cps
Calcium	44-1	4448657	4658004	4569986	4558882	2.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172310	173658	173449	173139	0.42	cps
Cobalt	59-2	202036	201733	200979	201582	0.27	cps
Copper	63-2	334130	336305	332996	334477	0.50	cps
Dysprosium	156-1	44561	45610	45848	45340	1.51	cps
Dysprosium	156-2	39877	41177	40920	40658	1.69	cps
Erbium	164-1	37664	40405	38720	38930	3.55	cps
Erbium	164-2	27995	28639	28502	28379	1.20	cps
Gadolinium	160-1	43116	43748	43955	43606	1.00	cps
Gadolinium	160-2	33647	33457	33831	33645	0.56	cps
Holmium	165-1	5822888	6038891	5994132	5951970	1.92	cps
Holmium	165-2	4539892	4455214	4406603	4467236	1.51	cps
Indium	115-1	5196608	5369363	5327617	5297862	1.70	cps
Indium	115-2	2021055	2001254	2005251	2009186	0.52	cps
Iron	56-2	293615176	292418522	294169789	293401162	0.31	cps
Iron	57-2	7192566	7210231	7203530	7202109	0.12	cps
Iron	54-2	16108559	16436962	16255501	16267007	1.01	cps
Krypton	83-1	330	307	327	321	3.93	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-18	Instrumnet Name :	P7
Client Sample ID :	MYDAQ9	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:52:45	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	172577	178782	178483	176614	1.98	cps
Lead	207-1	151073	155931	156253	154419	1.88	cps
Lead	208-1	682365	700702	702673	695247	1.61	cps
Lithium	6-1	767227	782952	761979	770719	1.42	cps
Magnesium	24-2	3852017	3902325	3808098	3854147	1.22	cps
Manganese	55-2	5075667	5121045	5205797	5134170	1.29	cps
Molybdenum	94-1	35366	36328	37321	36338	2.69	cps
Molybdenum	95-1	5048	4858	4921	4942	1.96	cps
Molybdenum	96-1	12392	13283	13109	12928	3.65	cps
Molybdenum	97-1	3147	3184	3174	3168	0.60	cps
Molybdenum	98-1	7525	7732	8086	7781	3.64	cps
Neodymium	150-1	75799	79988	79195	78327	2.84	cps
Neodymium	150-2	48439	48891	48634	48655	0.47	cps
Nickel	60-2	49414	49314	49746	49492	0.46	cps
Phosphorus	31-2	24433	24122	24146	24234	0.71	cps
Potassium	39-2	3493482	3493725	3419370	3468859	1.24	cps
Rhodium	103-1	5103928	5269992	5233621	5202514	1.68	cps
Rhodium	103-2	3317093	3371324	3311882	3333433	0.99	cps
Scandium	45-1	3912120	3987053	3957119	3952097	0.95	cps
Scandium	45-2	372805	375673	369938	372805	0.77	cps
Selenium	82-1	454	532	509	498	8.02	cps
Selenium	77-2	207	227	167	200	15.27	cps
Selenium	78-2	533	543	540	539	0.94	cps
Silicon	28-1	22893193	23471374	23891105	23418557	2.14	cps
Silver	107-1	2167	1913	1957	2012	6.73	cps
Silver	109-1	1987	1737	1893	1872	6.75	cps
Sodium	23-2	193490	196208	194388	194695	0.71	cps
Strontium	86-1	179453	182270	183676	181799	1.18	cps
Strontium	88-1	1593495	1623448	1661953	1626299	2.11	cps
Sulfur	34-1	227319	228655	225248	227074	0.76	cps
Terbium	159-1	6065985	6298707	6279235	6214642	2.08	cps
Terbium	159-2	4469508	4433775	4477638	4460307	0.52	cps
Thallium	203-1	1787	1910	1970	1889	4.95	cps
Thallium	205-1	4297	4501	4367	4389	2.35	cps
Tin	118-1	11485	12405	12245	12045	4.08	cps
Titanium	47-1	2047049	2094951	2086875	2076292	1.24	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-18	Instrumnet Name :	P7
Client Sample ID :	MYDAQ9	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:52:45	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14952	15439	15492	15294	1.95	cps
Vanadium	51-2	632011	628817	626633	629153	0.43	cps
Yttrium	89-1	10267097	10536928	10654189	10486071	1.89	cps
Yttrium	89-2	2837412	2939397	2900142	2892317	1.78	cps
Zinc	66-2	137981	139027	138098	138369	0.41	cps
Zirconium	90-1	90302	92593	92436	91777	1.39	cps
Zirconium	91-1	19506	20565	20498	20190	2.94	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-19	Instrumnet Name :	P7
Client Sample ID :	MYDAR0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:55:56	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6637863	6639388	6587135	6621462	0.45	cps
Antimony	121-1	15505	15999	15632	15712	1.63	cps
Arsenic	75-2	65976	66217	65574	65922	0.49	cps
Barium	135-1	551833	565577	571020	562810	1.76	cps
Barium	137-1	945488	973572	981875	966978	1.97	cps
Beryllium	9-1	1554	1554	1522	1543	1.22	cps
Bismuth	209-1	3354790	3409692	3449651	3404711	1.40	cps
Bismuth	209-2	2971787	3014827	3100447	3029020	2.16	cps
Bromine	81-1	7659	7832	7712	7734	1.15	cps
Bromine	81-2	657	630	760	682	10.07	cps
Cadmium	108-1	197	303	230	243	22.43	cps
Cadmium	106-1	2104	2074	1943	2040	4.17	cps
Cadmium	111-1	3952	3629	3746	3776	4.32	cps
Calcium	43-1	408063	424322	425158	419181	2.30	cps
Calcium	44-1	6369535	6651488	6607965	6542996	2.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	155772	155632	153281	154895	0.90	cps
Cobalt	59-2	184495	185634	185027	185052	0.31	cps
Copper	63-2	467602	464008	465525	465712	0.39	cps
Dysprosium	156-1	44921	45544	45958	45474	1.15	cps
Dysprosium	156-2	40572	40324	41979	40958	2.18	cps
Erbium	164-1	38122	38673	39071	38622	1.23	cps
Erbium	164-2	28472	28589	28469	28510	0.24	cps
Gadolinium	160-1	42952	43654	45136	43914	2.54	cps
Gadolinium	160-2	32581	33270	33677	33176	1.67	cps
Holmium	165-1	5655134	5930271	5831047	5805484	2.40	cps
Holmium	165-2	4386053	4379000	4351683	4372245	0.42	cps
Indium	115-1	5152467	5284361	5402576	5279801	2.37	cps
Indium	115-2	1995001	1962546	2001498	1986348	1.05	cps
Iron	56-2	257041570	255419043	253057756	255172790	0.79	cps
Iron	57-2	6453314	6321073	6383529	6385972	1.04	cps
Iron	54-2	14197882	14092851	14015798	14102177	0.65	cps
Krypton	83-1	350	290	360	333	11.36	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-19	Instrumnet Name :	P7
Client Sample ID :	MYDAR0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:55:56	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	411076	418326	418137	415846	0.99	cps
Lead	207-1	374117	383901	384275	380764	1.51	cps
Lead	208-1	1657845	1701322	1702314	1687160	1.51	cps
Lithium	6-1	737678	733375	733711	734922	0.33	cps
Magnesium	24-2	4285155	4260053	4210799	4252002	0.89	cps
Manganese	55-2	4876230	4907911	4853355	4879165	0.56	cps
Molybdenum	94-1	33856	34781	34434	34357	1.36	cps
Molybdenum	95-1	4307	4737	4731	4592	5.37	cps
Molybdenum	96-1	11908	12128	12169	12068	1.16	cps
Molybdenum	97-1	2884	3037	2870	2930	3.16	cps
Molybdenum	98-1	7235	7645	7302	7394	2.98	cps
Neodymium	150-1	77407	80008	79194	78870	1.69	cps
Neodymium	150-2	49687	48573	48731	48997	1.23	cps
Nickel	60-2	51495	52114	50980	51529	1.10	cps
Phosphorus	31-2	32204	31436	31609	31750	1.27	cps
Potassium	39-2	4931493	4873645	4844708	4883282	0.90	cps
Rhodium	103-1	4977938	5139966	5181319	5099741	2.11	cps
Rhodium	103-2	3288038	3252106	3271090	3270411	0.55	cps
Scandium	45-1	3889726	4050312	3957287	3965775	2.03	cps
Scandium	45-2	366971	370199	366886	368019	0.51	cps
Selenium	82-1	515	626	528	556	10.90	cps
Selenium	77-2	183	233	193	203	13.01	cps
Selenium	78-2	537	597	610	581	6.72	cps
Silicon	28-1	25166363	26007210	25792551	25655375	1.70	cps
Silver	107-1	4988	5264	5201	5151	2.82	cps
Silver	109-1	4391	4924	4848	4721	6.11	cps
Sodium	23-2	197125	199748	198058	198310	0.67	cps
Strontium	86-1	231736	239003	239046	236595	1.78	cps
Strontium	88-1	2043476	2134736	2103920	2094044	2.22	cps
Sulfur	34-1	274458	274373	271258	273363	0.67	cps
Terbium	159-1	6061760	6236480	6212746	6170329	1.54	cps
Terbium	159-2	4294525	4433738	4412595	4380286	1.71	cps
Thallium	203-1	1917	1917	1790	1875	3.90	cps
Thallium	205-1	4264	4631	4714	4536	5.28	cps
Tin	118-1	13641	13603	13530	13591	0.42	cps
Titanium	47-1	1629358	1673524	1718465	1673782	2.66	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-19	Instrumnet Name :	P7
Client Sample ID :	MYDAR0	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:55:56	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14148	14358	15019	14508	3.13	cps
Vanadium	51-2	458185	453311	455418	455638	0.54	cps
Yttrium	89-1	10147587	10413114	10341956	10300886	1.33	cps
Yttrium	89-2	2861360	2823735	2866234	2850443	0.82	cps
Zinc	66-2	268000	265503	266756	266753	0.47	cps
Zirconium	90-1	86416	89277	90550	88748	2.39	cps
Zirconium	91-1	19239	19553	19960	19584	1.85	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-20	Instrumnet Name :	P7
Client Sample ID :	MYDAR1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:59:09	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5489062	5289531	5418793	5399128	1.87	cps
Antimony	121-1	11465	11408	11715	11529	1.42	cps
Arsenic	75-2	45362	45222	45296	45293	0.16	cps
Barium	135-1	373841	382701	385274	380605	1.58	cps
Barium	137-1	642319	656038	659634	652663	1.40	cps
Beryllium	9-1	1176	1220	1273	1223	3.97	cps
Bismuth	209-1	3351190	3343219	3393209	3362539	0.80	cps
Bismuth	209-2	2986210	3019849	3002880	3002980	0.56	cps
Bromine	81-1	6141	6215	6155	6170	0.63	cps
Bromine	81-2	287	307	327	307	6.52	cps
Cadmium	108-1	170	177	143	163	10.80	cps
Cadmium	106-1	2000	1827	1810	1879	5.60	cps
Cadmium	111-1	2615	2685	2790	2697	3.28	cps
Calcium	43-1	246986	253536	254953	251825	1.69	cps
Calcium	44-1	3865909	3959195	3936893	3920665	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	140165	139660	139959	139928	0.18	cps
Cobalt	59-2	158602	157444	158060	158035	0.37	cps
Copper	63-2	272460	268104	270131	270232	0.81	cps
Dysprosium	156-1	36380	36928	36965	36758	0.89	cps
Dysprosium	156-2	33680	33152	33507	33446	0.80	cps
Erbium	164-1	31836	32187	31776	31933	0.69	cps
Erbium	164-2	23466	23420	23149	23345	0.73	cps
Gadolinium	160-1	35639	35923	37109	36224	2.15	cps
Gadolinium	160-2	27517	27744	27751	27671	0.48	cps
Holmium	165-1	5694023	5846031	5910903	5816985	1.91	cps
Holmium	165-2	4331705	4320495	4411007	4354402	1.13	cps
Indium	115-1	5166582	5257700	5197354	5207212	0.89	cps
Indium	115-2	1996703	1951091	1952528	1966774	1.32	cps
Iron	56-2	243833830	243477223	245484210	244265087	0.44	cps
Iron	57-2	5987498	5988862	6041887	6006082	0.52	cps
Iron	54-2	13575122	13461923	13435878	13490974	0.55	cps
Krypton	83-1	290	307	307	301	3.19	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-20	Instrumnet Name :	P7
Client Sample ID :	MYDAR1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:59:09	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	253562	256498	258360	256140	0.94	cps
Lead	207-1	226980	233223	235130	231777	1.84	cps
Lead	208-1	1015754	1033078	1044450	1031094	1.40	cps
Lithium	6-1	710725	717262	724378	717455	0.95	cps
Magnesium	24-2	3065017	3031300	3044821	3047046	0.56	cps
Manganese	55-2	3233207	3263913	3271327	3256149	0.62	cps
Molybdenum	94-1	39303	39807	40125	39745	1.04	cps
Molybdenum	95-1	4097	4104	4071	4091	0.43	cps
Molybdenum	96-1	12312	12706	12495	12504	1.58	cps
Molybdenum	97-1	2644	2490	2694	2609	4.06	cps
Molybdenum	98-1	6251	6525	6338	6371	2.19	cps
Neodymium	150-1	64748	65166	65722	65212	0.75	cps
Neodymium	150-2	41016	41604	40675	41099	1.14	cps
Nickel	60-2	39953	39007	38994	39318	1.40	cps
Phosphorus	31-2	21969	22433	22857	22420	1.98	cps
Potassium	39-2	2542470	2533913	2529365	2535249	0.26	cps
Rhodium	103-1	4971639	5168950	5077540	5072710	1.95	cps
Rhodium	103-2	3281880	3315443	3345656	3314327	0.96	cps
Scandium	45-1	3797850	3895850	3858909	3850870	1.29	cps
Scandium	45-2	366710	362409	368777	365965	0.89	cps
Selenium	82-1	484	427	534	482	11.16	cps
Selenium	77-2	157	133	150	147	8.19	cps
Selenium	78-2	570	517	507	531	6.41	cps
Silicon	28-1	21564576	22401771	22800720	22255689	2.83	cps
Silver	107-1	2187	2447	2270	2301	5.77	cps
Silver	109-1	2070	2013	2320	2135	7.65	cps
Sodium	23-2	162180	161541	159598	161106	0.83	cps
Strontium	86-1	149286	153155	153118	151853	1.46	cps
Strontium	88-1	1307439	1341791	1336802	1328677	1.40	cps
Sulfur	34-1	188092	185183	180971	184749	1.94	cps
Terbium	159-1	5907695	6160997	6140473	6069722	2.32	cps
Terbium	159-2	4434057	4315161	4412839	4387352	1.45	cps
Thallium	203-1	1417	1270	1310	1332	5.69	cps
Thallium	205-1	3027	3084	2910	3007	2.94	cps
Tin	118-1	9944	10210	10447	10200	2.47	cps
Titanium	47-1	1549896	1623162	1622760	1598606	2.64	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-20	Instrumnet Name :	P7
Client Sample ID :	MYDAR1	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 19:59:09	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12109	12916	12446	12490	3.25	cps
Vanadium	51-2	532109	528199	531546	530618	0.40	cps
Yttrium	89-1	9884424	10215942	10161134	10087167	1.76	cps
Yttrium	89-2	2807139	2814182	2815828	2812383	0.16	cps
Zinc	66-2	174133	170410	172033	172192	1.08	cps
Zirconium	90-1	98840	103737	103532	102036	2.71	cps
Zirconium	91-1	22250	23385	23339	22991	2.79	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-21	Instrumnet Name :	P7
Client Sample ID :	MYDAR2	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:02:22	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9359066	9342602	9497520	9399729	0.91	cps
Antimony	121-1	11248	11788	11965	11667	3.20	cps
Arsenic	75-2	74248	75213	74415	74625	0.69	cps
Barium	135-1	696665	721682	728062	715470	2.32	cps
Barium	137-1	1202507	1232683	1238349	1224513	1.57	cps
Beryllium	9-1	1931	2066	1889	1962	4.71	cps
Bismuth	209-1	3356372	3428277	3407278	3397309	1.09	cps
Bismuth	209-2	3031434	3016512	3062236	3036727	0.77	cps
Bromine	81-1	8382	8316	8506	8401	1.15	cps
Bromine	81-2	780	813	763	786	3.24	cps
Cadmium	108-1	227	223	233	228	2.24	cps
Cadmium	106-1	2037	2030	1890	1986	4.17	cps
Cadmium	111-1	2957	3105	3020	3027	2.45	cps
Calcium	43-1	375972	389563	386732	384089	1.87	cps
Calcium	44-1	5874413	6039143	6073967	5995841	1.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205452	203431	205308	204730	0.55	cps
Cobalt	59-2	226350	223929	220302	223527	1.36	cps
Copper	63-2	347565	343163	345980	345569	0.65	cps
Dysprosium	156-1	51942	52156	52233	52111	0.29	cps
Dysprosium	156-2	47263	47252	46865	47127	0.48	cps
Erbium	164-1	43989	44808	45621	44806	1.82	cps
Erbium	164-2	34352	32772	32655	33260	2.85	cps
Gadolinium	160-1	50226	51578	51437	51080	1.45	cps
Gadolinium	160-2	39111	39689	38730	39177	1.23	cps
Holmium	165-1	5893879	5949219	6023984	5955694	1.10	cps
Holmium	165-2	4427744	4440497	4499173	4455805	0.85	cps
Indium	115-1	5262931	5286537	5244816	5264761	0.40	cps
Indium	115-2	1997363	1976029	1992772	1988722	0.56	cps
Iron	56-2	312583469	315031929	311138609	312918002	0.63	cps
Iron	57-2	7785103	7837115	7789519	7803912	0.37	cps
Iron	54-2	17199894	17493093	17094163	17262383	1.20	cps
Krypton	83-1	307	323	363	331	8.80	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-21	Instrumnet Name :	P7
Client Sample ID :	MYDAR2	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:02:22	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	352033	360020	358868	356974	1.21	cps
Lead	207-1	319131	325810	327577	324173	1.37	cps
Lead	208-1	1426360	1451707	1454073	1444046	1.06	cps
Lithium	6-1	723766	727650	725958	725791	0.27	cps
Magnesium	24-2	4901346	4924028	4946371	4923915	0.46	cps
Manganese	55-2	4687225	4741456	4641955	4690212	1.06	cps
Molybdenum	94-1	50560	51905	53063	51843	2.42	cps
Molybdenum	95-1	5161	4944	5174	5093	2.54	cps
Molybdenum	96-1	15605	15979	15632	15739	1.32	cps
Molybdenum	97-1	3130	3074	3154	3119	1.32	cps
Molybdenum	98-1	7952	8072	7999	8008	0.76	cps
Neodymium	150-1	93034	95051	94222	94102	1.08	cps
Neodymium	150-2	59485	58417	59515	59139	1.06	cps
Nickel	60-2	61010	60110	60157	60426	0.84	cps
Phosphorus	31-2	25057	26186	25652	25632	2.20	cps
Potassium	39-2	4144173	4190562	4097352	4144029	1.12	cps
Rhodium	103-1	5067926	5139966	5229498	5145796	1.57	cps
Rhodium	103-2	3348533	3337919	3285635	3324029	1.01	cps
Scandium	45-1	3904469	4016118	4080989	4000525	2.23	cps
Scandium	45-2	377125	376503	370541	374723	0.97	cps
Selenium	82-1	570	575	559	568	1.48	cps
Selenium	77-2	240	223	267	243	8.98	cps
Selenium	78-2	657	533	507	566	14.15	cps
Silicon	28-1	28073926	28760725	28644852	28493168	1.29	cps
Silver	107-1	3577	3931	3821	3776	4.79	cps
Silver	109-1	3350	3627	3574	3517	4.17	cps
Sodium	23-2	189880	189475	188634	189330	0.34	cps
Strontium	86-1	247442	253652	252691	251262	1.33	cps
Strontium	88-1	2205030	2241140	2272123	2239431	1.50	cps
Sulfur	34-1	198738	197111	194612	196820	1.06	cps
Terbium	159-1	6147947	6209911	6275743	6211200	1.03	cps
Terbium	159-2	4417364	4466560	4361259	4415061	1.19	cps
Thallium	203-1	1793	2000	1960	1918	5.72	cps
Thallium	205-1	4397	4404	4487	4430	1.13	cps
Tin	118-1	13013	13436	13610	13353	2.30	cps
Titanium	47-1	1547359	1587761	1621314	1585478	2.34	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-21	Instrumnet Name :	P7
Client Sample ID :	MYDAR2	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:02:22	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17912	18690	18373	18325	2.13	cps
Vanadium	51-2	601752	598726	603306	601261	0.39	cps
Yttrium	89-1	10225788	10483115	10565228	10424711	1.70	cps
Yttrium	89-2	2911227	2924139	2881378	2905581	0.75	cps
Zinc	66-2	256642	256682	254149	255824	0.57	cps
Zirconium	90-1	132657	133689	135207	133851	0.96	cps
Zirconium	91-1	29369	30245	29971	29862	1.50	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-22	Instrumnet Name :	P7
Client Sample ID :	MYDAR3	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:05:34	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10023188	10212478	10193114	10142927	1.03	cps
Antimony	121-1	5481	5528	5394	5468	1.24	cps
Arsenic	75-2	30478	30435	29883	30265	1.10	cps
Barium	135-1	655153	669991	680437	668527	1.90	cps
Barium	137-1	1125657	1153735	1162271	1147221	1.67	cps
Beryllium	9-1	1783	1873	1943	1866	4.32	cps
Bismuth	209-1	3369130	3417643	3469735	3418836	1.47	cps
Bismuth	209-2	2989477	3009145	3008666	3002429	0.37	cps
Bromine	81-1	6898	7222	7142	7087	2.38	cps
Bromine	81-2	517	573	587	559	6.65	cps
Cadmium	108-1	147	153	130	143	8.39	cps
Cadmium	106-1	1807	1833	1853	1831	1.28	cps
Cadmium	111-1	1785	1789	1810	1795	0.73	cps
Calcium	43-1	404988	413324	418687	412333	1.67	cps
Calcium	44-1	6345207	6533536	6581638	6486794	1.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205147	205191	204151	204830	0.29	cps
Cobalt	59-2	222761	221276	220622	221553	0.49	cps
Copper	63-2	358958	354993	357033	356995	0.56	cps
Dysprosium	156-1	54308	55399	55770	55159	1.38	cps
Dysprosium	156-2	48530	50069	49116	49238	1.58	cps
Erbium	164-1	45628	47119	48049	46932	2.60	cps
Erbium	164-2	34934	35067	35224	35075	0.41	cps
Gadolinium	160-1	53197	53806	54877	53960	1.58	cps
Gadolinium	160-2	41277	41809	41140	41409	0.85	cps
Holmium	165-1	5814558	5848185	5904268	5855670	0.77	cps
Holmium	165-2	4426066	4488574	4409710	4441450	0.94	cps
Indium	115-1	5223502	5314555	5232742	5256933	0.95	cps
Indium	115-2	2008930	1987830	1968456	1988405	1.02	cps
Iron	56-2	303635842	305468469	303171515	304091942	0.40	cps
Iron	57-2	7572512	7509244	7557791	7546516	0.44	cps
Iron	54-2	16881060	17171628	16744127	16932271	1.29	cps
Krypton	83-1	297	343	380	340	12.29	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-22	Instrumnet Name :	P7
Client Sample ID :	MYDAR3	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:05:34	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	117206	120162	122651	120006	2.27	cps
Lead	207-1	98091	101241	101724	100352	1.97	cps
Lead	208-1	453811	462562	466253	460876	1.39	cps
Lithium	6-1	721388	725615	742038	729680	1.49	cps
Magnesium	24-2	5530993	5596123	5584360	5570492	0.62	cps
Manganese	55-2	3718752	3756887	3702423	3726021	0.75	cps
Molybdenum	94-1	42538	43474	43969	43327	1.68	cps
Molybdenum	95-1	3490	3897	3724	3704	5.51	cps
Molybdenum	96-1	12335	12702	13189	12742	3.36	cps
Molybdenum	97-1	2190	2404	2414	2336	5.40	cps
Molybdenum	98-1	5848	5731	5815	5798	1.04	cps
Neodymium	150-1	95793	98226	98722	97580	1.61	cps
Neodymium	150-2	60794	61524	62397	61571	1.30	cps
Nickel	60-2	64287	64803	64873	64654	0.49	cps
Phosphorus	31-2	25601	25889	25648	25713	0.60	cps
Potassium	39-2	2094775	2099647	2094815	2096413	0.13	cps
Rhodium	103-1	5089840	5084208	5112753	5095600	0.30	cps
Rhodium	103-2	3375325	3365271	3347112	3362569	0.43	cps
Scandium	45-1	3958436	4016426	4047902	4007588	1.13	cps
Scandium	45-2	373152	381269	377007	377143	1.08	cps
Selenium	82-1	539	465	463	489	8.84	cps
Selenium	77-2	197	203	257	219	15.02	cps
Selenium	78-2	517	550	550	539	3.57	cps
Silicon	28-1	24897468	25302245	25531312	25243675	1.27	cps
Silver	107-1	1557	1467	1600	1541	4.41	cps
Silver	109-1	1327	1417	1543	1429	7.62	cps
Sodium	23-2	285873	283483	285613	284989	0.46	cps
Strontium	86-1	221013	222672	227740	223808	1.57	cps
Strontium	88-1	1946722	2019661	2033474	1999952	2.33	cps
Sulfur	34-1	174450	173327	172188	173321	0.65	cps
Terbium	159-1	6024732	6137826	6224369	6128975	1.63	cps
Terbium	159-2	4351870	4426039	4550193	4442701	2.26	cps
Thallium	203-1	1427	1320	1467	1405	5.40	cps
Thallium	205-1	3407	3530	3404	3447	2.09	cps
Tin	118-1	12839	13386	13053	13093	2.11	cps
Titanium	47-1	1616986	1694986	1704935	1672302	2.88	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-22	Instrumnet Name :	P7
Client Sample ID :	MYDAR3	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:05:34	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15953	16363	16664	16327	2.19	cps
Vanadium	51-2	606200	600510	599495	602068	0.60	cps
Yttrium	89-1	10223310	10597327	10711148	10510595	2.43	cps
Yttrium	89-2	2882047	2921253	2857561	2886954	1.11	cps
Zinc	66-2	116289	114646	113518	114818	1.21	cps
Zirconium	90-1	109958	113142	115094	112731	2.30	cps
Zirconium	91-1	24384	25332	25826	25181	2.91	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:08:44	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1814939	1810105	1792728	1805924	0.65	cps
Antimony	121-1	2580	2650	2670	2634	1.80	cps
Arsenic	75-2	8996	8733	8899	8876	1.50	cps
Barium	135-1	124707	123893	124979	124527	0.45	cps
Barium	137-1	209307	216559	218675	214847	2.29	cps
Beryllium	9-1	357	351	407	372	8.36	cps
Bismuth	209-1	3580559	3429047	3443408	3484338	2.40	cps
Bismuth	209-2	3049541	3042652	3139428	3077207	1.75	cps
Bromine	81-1	5838	5958	5554	5783	3.58	cps
Bromine	81-2	220	140	197	186	22.17	cps
Cadmium	108-1	73	70	63	69	7.39	cps
Cadmium	106-1	1700	1677	1630	1669	2.14	cps
Cadmium	111-1	1572	1628	1547	1582	2.63	cps
Calcium	43-1	111738	114926	113719	113461	1.42	cps
Calcium	44-1	1837453	1803142	1774695	1805097	1.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40755	40437	40899	40697	0.58	cps
Cobalt	59-2	38359	39228	38442	38676	1.24	cps
Copper	63-2	87826	86884	87611	87440	0.56	cps
Dysprosium	156-1	11061	10914	11461	11146	2.54	cps
Dysprosium	156-2	9723	9914	9930	9856	1.17	cps
Erbium	164-1	9500	9313	9220	9344	1.53	cps
Erbium	164-2	6788	6488	6698	6658	2.31	cps
Gadolinium	160-1	10524	11024	10671	10740	2.40	cps
Gadolinium	160-2	8196	8426	8489	8370	1.84	cps
Holmium	165-1	6000422	5905584	6028121	5978042	1.07	cps
Holmium	165-2	4459484	4424732	4448427	4444214	0.40	cps
Indium	115-1	5345858	5359574	5384699	5363377	0.37	cps
Indium	115-2	2002116	2017622	1986871	2002203	0.77	cps
Iron	56-2	52025501	51692924	52164936	51961120	0.47	cps
Iron	57-2	1349197	1344763	1348598	1347519	0.18	cps
Iron	54-2	2957803	2905926	2862630	2908786	1.64	cps
Krypton	83-1	320	253	310	294	12.21	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:08:44	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	46419	45523	46432	46125	1.13	cps
Lead	207-1	40206	41597	42011	41271	2.29	cps
Lead	208-1	180365	184740	183167	182758	1.21	cps
Lithium	6-1	783013	748307	750816	760712	2.54	cps
Magnesium	24-2	1084546	1077901	1072733	1078393	0.55	cps
Manganese	55-2	948401	946101	932930	942477	0.89	cps
Molybdenum	94-1	15325	15412	15338	15358	0.30	cps
Molybdenum	95-1	2190	2414	2344	2316	4.93	cps
Molybdenum	96-1	5061	5178	5158	5132	1.22	cps
Molybdenum	97-1	1503	1470	1473	1482	1.24	cps
Molybdenum	98-1	3487	3554	3574	3538	1.28	cps
Neodymium	150-1	19367	20101	20114	19861	2.15	cps
Neodymium	150-2	12632	12382	12085	12367	2.21	cps
Nickel	60-2	13323	12979	13173	13158	1.31	cps
Phosphorus	31-2	5541	5371	5304	5405	2.26	cps
Potassium	39-2	1026342	1020865	1020180	1022462	0.33	cps
Rhodium	103-1	5169704	5216602	5324679	5236995	1.52	cps
Rhodium	103-2	3329287	3387097	3265861	3327415	1.82	cps
Scandium	45-1	3919604	3797303	3797360	3838089	1.84	cps
Scandium	45-2	352259	354081	351532	352624	0.37	cps
Selenium	82-1	291	394	369	351	15.23	cps
Selenium	77-2	33	37	57	42	29.89	cps
Selenium	78-2	447	410	383	413	7.69	cps
Silicon	28-1	4965730	4974889	5169096	5036572	2.28	cps
Silver	107-1	560	717	640	639	12.26	cps
Silver	109-1	627	590	573	597	4.57	cps
Sodium	23-2	104465	105475	103344	104428	1.02	cps
Strontium	86-1	47831	49356	50827	49338	3.04	cps
Strontium	88-1	412801	434141	424770	423904	2.52	cps
Sulfur	34-1	165458	165555	166950	165988	0.50	cps
Terbium	159-1	6027229	6175229	6300453	6167637	2.22	cps
Terbium	159-2	4374684	4371379	4472625	4406229	1.31	cps
Thallium	203-1	507	553	627	562	10.76	cps
Thallium	205-1	1310	1283	1260	1285	1.95	cps
Tin	118-1	4157	4187	4447	4264	3.74	cps
Titanium	47-1	350340	354681	367320	357447	2.47	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:08:44	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3704	3971	4007	3894	4.25	cps
Vanadium	51-2	91931	90083	90020	90678	1.20	cps
Yttrium	89-1	10024067	9719546	9787329	9843647	1.62	cps
Yttrium	89-2	2762390	2731367	2693938	2729232	1.26	cps
Zinc	66-2	41220	40364	40822	40802	1.05	cps
Zirconium	90-1	38524	38002	42560	39695	6.28	cps
Zirconium	91-1	8543	8716	8803	8687	1.52	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:12:01	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1768243	1818643	1762700	1783195	1.73	cps
Antimony	121-1	2404	2507	2567	2492	3.32	cps
Arsenic	75-2	9106	9406	9513	9342	2.26	cps
Barium	135-1	126199	132722	134000	130974	3.19	cps
Barium	137-1	220914	224204	229352	224823	1.89	cps
Beryllium	9-1	471	434	428	444	5.22	cps
Bismuth	209-1	3372439	3540725	3416019	3443061	2.54	cps
Bismuth	209-2	3107440	3147170	3115432	3123347	0.67	cps
Bromine	81-1	6068	5775	5748	5863	3.03	cps
Bromine	81-2	177	167	197	180	8.49	cps
Cadmium	108-1	63	87	67	72	17.48	cps
Cadmium	106-1	1690	1733	1553	1659	5.66	cps
Cadmium	111-1	1512	1653	1474	1546	6.09	cps
Calcium	43-1	113726	117995	116245	115989	1.85	cps
Calcium	44-1	1814246	1901508	1828929	1848228	2.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42025	42149	42125	42100	0.16	cps
Cobalt	59-2	41414	40515	40882	40937	1.10	cps
Copper	63-2	85613	85680	85539	85611	0.08	cps
Dysprosium	156-1	11101	11305	11338	11248	1.14	cps
Dysprosium	156-2	10417	10257	10687	10454	2.08	cps
Erbium	164-1	9050	10271	9703	9675	6.31	cps
Erbium	164-2	7085	7255	7279	7206	1.47	cps
Gadolinium	160-1	10924	10881	10911	10905	0.20	cps
Gadolinium	160-2	8569	8669	8850	8696	1.63	cps
Holmium	165-1	5810307	6048881	6086663	5981950	2.50	cps
Holmium	165-2	4476316	4420443	4494674	4463811	0.87	cps
Indium	115-1	5106437	5414036	5509018	5343163	3.94	cps
Indium	115-2	1984050	2023618	1990934	1999534	1.06	cps
Iron	56-2	53943461	53743674	54010518	53899218	0.26	cps
Iron	57-2	1345509	1332113	1395293	1357639	2.45	cps
Iron	54-2	3015338	3010835	2991165	3005779	0.43	cps
Krypton	83-1	303	353	243	300	18.36	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:12:01	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	45319	47733	48132	47061	3.23	cps
Lead	207-1	41072	41139	42914	41708	2.51	cps
Lead	208-1	183669	189260	189590	187506	1.77	cps
Lithium	6-1	724643	781595	752422	752887	3.78	cps
Magnesium	24-2	1118755	1121028	1121917	1120567	0.15	cps
Manganese	55-2	1001246	1008443	1001612	1003767	0.40	cps
Molybdenum	94-1	15435	15795	15992	15741	1.80	cps
Molybdenum	95-1	2850	2927	2904	2894	1.36	cps
Molybdenum	96-1	5614	5738	5768	5707	1.42	cps
Molybdenum	97-1	1713	1850	1787	1783	3.84	cps
Molybdenum	98-1	4394	4457	4681	4511	3.34	cps
Neodymium	150-1	20011	21076	20542	20543	2.59	cps
Neodymium	150-2	12803	13090	12939	12944	1.11	cps
Nickel	60-2	13907	13863	13296	13689	2.49	cps
Phosphorus	31-2	5444	5468	5554	5489	1.06	cps
Potassium	39-2	1065492	1066344	1075255	1069030	0.51	cps
Rhodium	103-1	5240446	5242797	5347242	5276828	1.16	cps
Rhodium	103-2	3325041	3296179	3315654	3312291	0.44	cps
Scandium	45-1	3720297	3892781	3802334	3805137	2.27	cps
Scandium	45-2	351533	353381	350948	351954	0.36	cps
Selenium	82-1	344	339	413	365	11.40	cps
Selenium	77-2	53	47	30	43	27.73	cps
Selenium	78-2	390	427	370	396	7.27	cps
Silicon	28-1	5209679	5666753	5567576	5481336	4.39	cps
Silver	107-1	557	553	620	577	6.51	cps
Silver	109-1	610	577	490	559	11.08	cps
Sodium	23-2	99593	99952	99308	99617	0.32	cps
Strontium	86-1	49112	50172	51681	50321	2.57	cps
Strontium	88-1	429819	435844	438313	434659	1.01	cps
Sulfur	34-1	173189	172972	172076	172746	0.34	cps
Terbium	159-1	6154763	6210737	6283479	6216326	1.04	cps
Terbium	159-2	4487740	4472512	4433175	4464476	0.63	cps
Thallium	203-1	517	580	563	553	5.93	cps
Thallium	205-1	1300	1130	1237	1222	7.03	cps
Tin	118-1	4304	4251	4584	4380	4.09	cps
Titanium	47-1	358382	371492	376741	368871	2.56	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:12:01	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3964	4144	4227	4112	3.27	cps
Vanadium	51-2	92371	93353	93752	93159	0.76	cps
Yttrium	89-1	9668847	10038397	9689566	9798936	2.12	cps
Yttrium	89-2	2719891	2696987	2747425	2721434	0.93	cps
Zinc	66-2	43329	43373	43507	43403	0.21	cps
Zirconium	90-1	37361	39864	39991	39072	3.80	cps
Zirconium	91-1	8719	8833	8879	8811	0.93	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAN1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 20:15:15	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347941	347427	345374	346914	0.39	cps
Antimony	121-1	657	587	540	594	9.88	cps
Arsenic	75-2	1973	1740	1713	1809	7.91	cps
Barium	135-1	23052	24197	24030	23760	2.60	cps
Barium	137-1	40648	41103	41146	40966	0.67	cps
Beryllium	9-1	74	121	131	109	27.87	cps
Bismuth	209-1	3411191	3519809	3455999	3462333	1.58	cps
Bismuth	209-2	3012808	3073454	3063443	3049901	1.07	cps
Bromine	81-1	5541	5538	5471	5517	0.72	cps
Bromine	81-2	110	117	97	108	9.45	cps
Cadmium	108-1	13	7	23	14	58.06	cps
Cadmium	106-1	1567	1500	1560	1542	2.38	cps
Cadmium	111-1	1184	1195	1159	1180	1.58	cps
Calcium	43-1	21455	22266	21953	21891	1.87	cps
Calcium	44-1	373865	377384	380935	377394	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8326	8569	8606	8500	1.79	cps
Cobalt	59-2	7148	7699	7489	7445	3.73	cps
Copper	63-2	17617	17363	17570	17517	0.77	cps
Dysprosium	156-1	2310	2264	2404	2326	3.07	cps
Dysprosium	156-2	1860	2010	1913	1928	3.94	cps
Erbium	164-1	1837	1847	1933	1872	2.84	cps
Erbium	164-2	1283	1357	1327	1322	2.79	cps
Gadolinium	160-1	1903	1890	2064	1952	4.94	cps
Gadolinium	160-2	1723	1720	1777	1740	1.83	cps
Holmium	165-1	5779883	5971256	5783733	5844957	1.87	cps
Holmium	165-2	4360013	4378104	4373948	4370688	0.22	cps
Indium	115-1	5278762	5289216	5405674	5324551	1.32	cps
Indium	115-2	1966611	1950908	1999583	1972368	1.26	cps
Iron	56-2	10042773	9824018	10058690	9975160	1.31	cps
Iron	57-2	260867	260236	257201	259435	0.76	cps
Iron	54-2	579014	579117	574586	577572	0.45	cps
Krypton	83-1	267	260	273	267	2.50	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAN1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 20:15:15	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8836	9163	8866	8955	2.02	cps
Lead	207-1	7936	7956	8029	7974	0.62	cps
Lead	208-1	35325	36286	36216	35942	1.49	cps
Lithium	6-1	738708	765324	770189	758074	2.24	cps
Magnesium	24-2	206221	205104	208272	206532	0.78	cps
Manganese	55-2	182071	180597	178705	180458	0.94	cps
Molybdenum	94-1	3340	3044	3057	3147	5.33	cps
Molybdenum	95-1	487	517	533	512	4.62	cps
Molybdenum	96-1	1167	1093	1077	1112	4.30	cps
Molybdenum	97-1	330	327	327	328	0.59	cps
Molybdenum	98-1	813	803	720	779	6.58	cps
Neodymium	150-1	3867	3874	3891	3877	0.31	cps
Neodymium	150-2	2367	2487	2497	2450	2.95	cps
Nickel	60-2	2644	2584	2584	2604	1.33	cps
Phosphorus	31-2	1167	1120	1063	1117	4.63	cps
Potassium	39-2	270616	270809	266986	269470	0.80	cps
Rhodium	103-1	5170336	5351383	5268851	5263523	1.72	cps
Rhodium	103-2	3285231	3259879	3339322	3294811	1.23	cps
Scandium	45-1	3758597	3763165	3738725	3753496	0.35	cps
Scandium	45-2	342278	340458	343885	342207	0.50	cps
Selenium	82-1	322	375	335	344	7.92	cps
Selenium	77-2	10	20	3	11	75.52	cps
Selenium	78-2	450	350	337	379	16.35	cps
Silicon	28-1	1339317	1342298	1379220	1353612	1.64	cps
Silver	107-1	190	197	193	193	1.72	cps
Silver	109-1	123	147	133	134	8.71	cps
Sodium	23-2	70614	70648	70828	70697	0.16	cps
Strontium	86-1	9707	9793	9827	9776	0.63	cps
Strontium	88-1	80982	81474	82537	81664	0.97	cps
Sulfur	34-1	166913	167560	165899	166791	0.50	cps
Terbium	159-1	6049687	6191190	6148397	6129758	1.18	cps
Terbium	159-2	4441399	4423824	4383359	4416194	0.67	cps
Thallium	203-1	203	167	183	184	9.95	cps
Thallium	205-1	507	490	473	490	3.40	cps
Tin	118-1	1767	1680	1793	1747	3.39	cps
Titanium	47-1	66944	69201	68947	68364	1.81	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAN1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 20:15:15	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	777	727	810	771	5.44	cps
Vanadium	51-2	17327	16636	17023	16995	2.04	cps
Yttrium	89-1	9598993	9542962	9750780	9630912	1.12	cps
Yttrium	89-2	2633702	2621296	2682184	2645728	1.22	cps
Zinc	66-2	8372	8496	8276	8381	1.32	cps
Zirconium	90-1	7475	7802	7839	7705	2.60	cps
Zirconium	91-1	1740	1907	1750	1799	5.20	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:18:35	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1780799	1771171	1786464	1779478	0.43	cps
Antimony	121-1	109537	107509	110564	109203	1.42	cps
Arsenic	75-2	11912	11955	11721	11863	1.05	cps
Barium	135-1	605507	628872	622280	618886	1.95	cps
Barium	137-1	1034820	1076100	1105427	1072116	3.31	cps
Beryllium	9-1	8813	9434	9007	9084	3.49	cps
Bismuth	209-1	3406779	3369588	3431587	3402651	0.92	cps
Bismuth	209-2	3041507	3061528	3028687	3043908	0.54	cps
Bromine	81-1	5878	5741	5788	5802	1.20	cps
Bromine	81-2	197	197	133	176	20.83	cps
Cadmium	108-1	890	927	903	907	2.05	cps
Cadmium	106-1	2780	2914	2924	2873	2.79	cps
Cadmium	111-1	14526	14964	14914	14801	1.62	cps
Calcium	43-1	113250	110969	113662	112627	1.29	cps
Calcium	44-1	1705047	1755743	1841937	1767576	3.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	154708	153038	152415	153387	0.77	cps
Cobalt	59-2	458953	456974	454204	456710	0.52	cps
Copper	63-2	227021	225276	225397	225898	0.43	cps
Dysprosium	156-1	10884	11388	11114	11129	2.27	cps
Dysprosium	156-2	9997	10157	10004	10053	0.90	cps
Erbium	164-1	9287	9343	9477	9369	1.04	cps
Erbium	164-2	6728	6988	6975	6897	2.12	cps
Gadolinium	160-1	10407	10711	11138	10752	3.41	cps
Gadolinium	160-2	8363	8546	8413	8440	1.12	cps
Holmium	165-1	5797745	6038949	5879963	5905552	2.08	cps
Holmium	165-2	4410930	4388322	4430947	4410066	0.48	cps
Indium	115-1	5189298	5334582	5313440	5279106	1.49	cps
Indium	115-2	2008359	2011285	1992463	2004036	0.51	cps
Iron	56-2	53026773	52567804	53141038	52911871	0.57	cps
Iron	57-2	1366381	1356716	1356303	1359800	0.42	cps
Iron	54-2	2968893	2940825	2950166	2953295	0.48	cps
Krypton	83-1	280	307	257	281	8.90	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:18:35	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	56276	58786	58304	57789	2.31	cps
Lead	207-1	48162	52016	52986	51054	5.00	cps
Lead	208-1	224859	229643	232190	228897	1.63	cps
Lithium	6-1	757690	748685	743679	750018	0.95	cps
Magnesium	24-2	1079369	1072892	1076217	1076159	0.30	cps
Manganese	55-2	1149725	1146067	1141628	1145806	0.35	cps
Molybdenum	94-1	14884	14561	15014	14820	1.58	cps
Molybdenum	95-1	2227	2637	2540	2468	8.69	cps
Molybdenum	96-1	4844	5244	5574	5221	7.00	cps
Molybdenum	97-1	1460	1477	1363	1433	4.27	cps
Molybdenum	98-1	3607	3837	3907	3784	4.15	cps
Neodymium	150-1	19440	19837	20131	19803	1.75	cps
Neodymium	150-2	12546	12929	12436	12637	2.05	cps
Nickel	60-2	121185	120046	120409	120547	0.48	cps
Phosphorus	31-2	5271	5291	5101	5221	2.00	cps
Potassium	39-2	1023163	1018316	1010644	1017374	0.62	cps
Rhodium	103-1	5035889	5432564	5303099	5257184	3.85	cps
Rhodium	103-2	3314742	3285213	3315356	3305104	0.52	cps
Scandium	45-1	3723772	3720325	3778791	3740962	0.88	cps
Scandium	45-2	352237	348241	352833	351103	0.71	cps
Selenium	82-1	1793	1832	1963	1863	4.79	cps
Selenium	77-2	213	150	213	192	19.02	cps
Selenium	78-2	1030	937	840	936	10.16	cps
Silicon	28-1	4772163	4960051	4895617	4875943	1.96	cps
Silver	107-1	56971	57383	58363	57573	1.24	cps
Silver	109-1	53702	54546	56760	55003	2.87	cps
Sodium	23-2	93230	93019	93448	93232	0.23	cps
Strontium	86-1	47403	51333	50941	49892	4.34	cps
Strontium	88-1	422196	423771	431318	425762	1.15	cps
Sulfur	34-1	174419	174638	172174	173744	0.78	cps
Terbium	159-1	5916632	6273659	6251652	6147314	3.25	cps
Terbium	159-2	4472174	4401554	4400146	4424625	0.93	cps
Thallium	203-1	35964	38234	38564	37587	3.77	cps
Thallium	205-1	89314	86449	89522	88428	1.94	cps
Tin	118-1	4377	4287	4344	4336	1.05	cps
Titanium	47-1	342258	363699	365271	357076	3.60	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:18:35	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3921	3994	4034	3983	1.44	cps
Vanadium	51-2	341683	341391	340010	341028	0.26	cps
Yttrium	89-1	9605448	9786416	9657761	9683209	0.96	cps
Yttrium	89-2	2688509	2663796	2710631	2687645	0.87	cps
Zinc	66-2	87307	88081	87803	87730	0.45	cps
Zirconium	90-1	36385	37411	38584	37460	2.94	cps
Zirconium	91-1	7729	8726	8583	8346	6.46	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:21:50	DataFile Name :	083LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1931278	1906724	1896238	1911413	0.94	cps
Antimony	121-1	446054	455027	461517	454199	1.71	cps
Arsenic	75-2	21038	20775	21319	21044	1.29	cps
Barium	135-1	2300730	2381853	2354844	2345809	1.76	cps
Barium	137-1	3966092	4154893	4083459	4068148	2.34	cps
Beryllium	9-1	35528	36203	36754	36161	1.70	cps
Bismuth	209-1	3324197	3408319	3361513	3364676	1.25	cps
Bismuth	209-2	3041258	3008354	3039135	3029582	0.61	cps
Bromine	81-1	5861	5704	5754	5773	1.39	cps
Bromine	81-2	197	193	173	188	6.72	cps
Cadmium	108-1	3464	3600	3871	3645	5.68	cps
Cadmium	106-1	6485	6625	6428	6513	1.56	cps
Cadmium	111-1	56108	56372	57627	56702	1.43	cps
Calcium	43-1	106403	108018	110469	108296	1.89	cps
Calcium	44-1	1678855	1732968	1727457	1713093	1.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522874	516713	514079	517889	0.87	cps
Cobalt	59-2	1861028	1829636	1803472	1831379	1.57	cps
Copper	63-2	676447	681998	679277	679240	0.41	cps
Dysprosium	156-1	10431	10607	10594	10544	0.93	cps
Dysprosium	156-2	9710	9730	9824	9755	0.62	cps
Erbium	164-1	8719	8943	8746	8803	1.39	cps
Erbium	164-2	6462	6565	6892	6639	3.38	cps
Gadolinium	160-1	9827	9950	10521	10099	3.67	cps
Gadolinium	160-2	8132	8132	8169	8145	0.26	cps
Holmium	165-1	5715011	5806914	5900322	5807416	1.60	cps
Holmium	165-2	4374291	4386778	4360204	4373758	0.30	cps
Indium	115-1	5164345	5225204	5310683	5233411	1.40	cps
Indium	115-2	1992211	1952642	1958445	1967766	1.09	cps
Iron	56-2	53312179	52368121	52143606	52607969	1.18	cps
Iron	57-2	1354867	1346102	1341239	1347403	0.51	cps
Iron	54-2	2920774	2931439	2918629	2923614	0.23	cps
Krypton	83-1	260	250	283	264	6.47	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:21:50	DataFile Name :	083LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	93408	93516	94388	93770	0.57	cps
Lead	207-1	79880	82904	82603	81796	2.04	cps
Lead	208-1	368954	376551	374572	373359	1.06	cps
Lithium	6-1	746904	748389	757516	750936	0.77	cps
Magnesium	24-2	1039645	1034493	1031774	1035304	0.39	cps
Manganese	55-2	1777957	1729291	1714508	1740585	1.91	cps
Molybdenum	94-1	14070	14654	14891	14538	2.91	cps
Molybdenum	95-1	2297	2457	2267	2340	4.37	cps
Molybdenum	96-1	4914	5221	5241	5125	3.57	cps
Molybdenum	97-1	1500	1393	1300	1398	7.16	cps
Molybdenum	98-1	3640	3620	3871	3711	3.75	cps
Neodymium	150-1	19043	19343	18809	19065	1.40	cps
Neodymium	150-2	12125	11952	11625	11901	2.14	cps
Nickel	60-2	461968	460749	459071	460596	0.32	cps
Phosphorus	31-2	5084	5308	4994	5129	3.15	cps
Potassium	39-2	990731	980671	985896	985766	0.51	cps
Rhodium	103-1	5144527	5148317	5132790	5141878	0.16	cps
Rhodium	103-2	3354200	3268160	3296969	3306443	1.32	cps
Scandium	45-1	3675368	3818941	3752921	3749077	1.92	cps
Scandium	45-2	350679	345701	347133	347837	0.74	cps
Selenium	82-1	8590	8553	8597	8580	0.28	cps
Selenium	77-2	890	900	883	891	0.94	cps
Selenium	78-2	3120	3297	3314	3244	3.30	cps
Silicon	28-1	4736233	4831250	4889111	4818865	1.60	cps
Silver	107-1	174315	180320	178436	177690	1.73	cps
Silver	109-1	163920	168360	171131	167804	2.17	cps
Sodium	23-2	89897	91198	91154	90750	0.81	cps
Strontium	86-1	46958	47296	47707	47320	0.79	cps
Strontium	88-1	396679	410193	409529	405467	1.88	cps
Sulfur	34-1	165949	167496	166068	166504	0.52	cps
Terbium	159-1	5947821	6082433	6136248	6055501	1.60	cps
Terbium	159-2	4324568	4352509	4379529	4352202	0.63	cps
Thallium	203-1	153979	159903	158011	157298	1.92	cps
Thallium	205-1	365537	367531	370937	368002	0.74	cps
Tin	118-1	3874	4067	3887	3943	2.74	cps
Titanium	47-1	331061	346059	344121	340414	2.40	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4308-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAN1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 20:21:50	DataFile Name :	083LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3701	3887	3847	3812	2.58	cps
Vanadium	51-2	1142910	1132994	1135989	1137298	0.45	cps
Yttrium	89-1	9569942	9875148	9843343	9762811	1.72	cps
Yttrium	89-2	2694346	2651700	2720054	2688700	1.28	cps
Zinc	66-2	240699	240007	241666	240791	0.35	cps
Zirconium	90-1	35643	36469	37063	36392	1.96	cps
Zirconium	91-1	7482	8453	8419	8118	6.79	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BL	Instrumnet Name :	P7
Client Sample ID :	PBS189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:25:02	DataFile Name :	084LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4784	4677	4777	4746	1.26	cps
Antimony	121-1	230	213	260	234	10.09	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	230	110	157	166	36.54	cps
Barium	137-1	357	217	247	273	26.97	cps
Beryllium	9-1	37	40	13	30	48.43	cps
Bismuth	209-1	3576730	3524699	3512920	3538116	0.96	cps
Bismuth	209-2	3154371	3119365	3150500	3141412	0.61	cps
Bromine	81-1	5291	5231	5388	5303	1.49	cps
Bromine	81-2	37	63	57	52	26.57	cps
Cadmium	108-1	7	10	7	8	24.71	cps
Cadmium	106-1	1643	1420	1490	1518	7.53	cps
Cadmium	111-1	1162	1014	1052	1076	7.18	cps
Calcium	43-1	677	673	660	670	1.32	cps
Calcium	44-1	26367	26317	26300	26328	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	913	923	950	929	2.04	cps
Cobalt	59-2	113	130	160	134	17.59	cps
Copper	63-2	913	887	987	929	5.58	cps
Dysprosium	156-1	113	107	87	102	13.58	cps
Dysprosium	156-2	23	23	27	24	7.89	cps
Erbium	164-1	47	50	53	50	6.66	cps
Erbium	164-2	33	27	20	27	24.99	cps
Gadolinium	160-1	37	20	37	31	30.93	cps
Gadolinium	160-2	187	213	203	201	6.70	cps
Holmium	165-1	6091086	5945216	6075054	6037119	1.33	cps
Holmium	165-2	4448008	4376789	4467509	4430769	1.08	cps
Indium	115-1	5477485	5442774	5424371	5448210	0.50	cps
Indium	115-2	2058604	2029727	2030976	2039769	0.80	cps
Iron	56-2	16496	16449	16813	16586	1.19	cps
Iron	57-2	3437	3297	3344	3359	2.12	cps
Iron	54-2	1863	1983	1933	1927	3.13	cps
Krypton	83-1	303	350	200	284	26.99	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BL	Instrumnet Name :	P7
Client Sample ID :	PBS189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:25:02	DataFile Name :	084LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	583	537	687	602	12.75	cps
Lead	207-1	453	493	480	476	4.28	cps
Lead	208-1	2210	2193	2330	2245	3.32	cps
Lithium	6-1	762160	764000	761036	762399	0.20	cps
Magnesium	24-2	597	607	667	623	6.07	cps
Manganese	55-2	1377	1417	1423	1406	1.80	cps
Molybdenum	94-1	273	227	247	249	9.41	cps
Molybdenum	95-1	103	93	73	90	16.98	cps
Molybdenum	96-1	120	183	100	134	32.36	cps
Molybdenum	97-1	43	50	57	50	13.34	cps
Molybdenum	98-1	53	73	87	71	23.60	cps
Neodymium	150-1	17	17	17	17	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	133	143	153	143	6.98	cps
Phosphorus	31-2	130	130	167	142	14.89	cps
Potassium	39-2	93461	93807	93461	93576	0.21	cps
Rhodium	103-1	5479093	5431669	5427791	5446184	0.52	cps
Rhodium	103-2	3375991	3405432	3403432	3394952	0.48	cps
Scandium	45-1	3757195	3793674	3807464	3786111	0.69	cps
Scandium	45-2	351425	349952	349636	350338	0.27	cps
Selenium	82-1	330	251	430	337	26.53	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	343	377	383	368	5.83	cps
Silicon	28-1	377410	379257	379677	378781	0.32	cps
Silver	107-1	293	227	270	263	12.85	cps
Silver	109-1	247	187	250	228	15.65	cps
Sodium	23-2	59287	58802	58568	58885	0.62	cps
Strontium	86-1	417	407	373	399	5.69	cps
Strontium	88-1	540	420	443	468	13.60	cps
Sulfur	34-1	160428	162830	162116	161792	0.76	cps
Terbium	159-1	6293018	6210906	6192617	6232180	0.86	cps
Terbium	159-2	4427016	4443727	4454242	4441662	0.31	cps
Thallium	203-1	183	180	177	180	1.85	cps
Thallium	205-1	407	357	350	371	8.35	cps
Tin	118-1	1237	1257	1243	1246	0.82	cps
Titanium	47-1	307	280	303	297	4.90	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BL	Instrumnet Name :	P7
Client Sample ID :	PBS189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:25:02	DataFile Name :	084LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	20	7	11	69.25	cps
Vanadium	51-2	70	43	87	67	32.79	cps
Yttrium	89-1	9874871	9782390	9905682	9854314	0.65	cps
Yttrium	89-2	2687108	2698552	2706409	2697356	0.36	cps
Zinc	66-2	1087	1053	1060	1067	1.65	cps
Zirconium	90-1	513	530	590	544	7.41	cps
Zirconium	91-1	107	140	117	121	14.12	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BS	Instrumnet Name :	P7
Client Sample ID :	LCS189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:28:24	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8429	9595	8052	8692	9.25	cps
Antimony	121-1	26695	26641	26578	26638	0.22	cps
Arsenic	75-2	930	970	923	941	2.68	cps
Barium	135-1	29798	30730	30008	30179	1.62	cps
Barium	137-1	51546	52841	52366	52251	1.25	cps
Beryllium	9-1	1943	2186	2086	2072	5.90	cps
Bismuth	209-1	3601745	3537957	3533066	3557589	1.08	cps
Bismuth	209-2	3152810	3184902	3153622	3163778	0.58	cps
Bromine	81-1	5308	5394	5134	5279	2.51	cps
Bromine	81-2	30	83	23	46	72.19	cps
Cadmium	108-1	273	323	297	298	8.40	cps
Cadmium	106-1	2084	1933	1853	1957	5.97	cps
Cadmium	111-1	5164	4744	4957	4955	4.24	cps
Calcium	43-1	20985	21195	21652	21277	1.60	cps
Calcium	44-1	360153	361303	363504	361654	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16262	15738	15258	15753	3.19	cps
Cobalt	59-2	10637	10631	10204	10490	2.37	cps
Copper	63-2	15868	16029	16089	15995	0.71	cps
Dysprosium	156-1	77	187	80	114	54.68	cps
Dysprosium	156-2	20	37	53	37	45.45	cps
Erbium	164-1	57	60	50	56	9.17	cps
Erbium	164-2	30	40	10	27	57.28	cps
Gadolinium	160-1	40	33	43	39	13.09	cps
Gadolinium	160-2	170	190	160	173	8.81	cps
Holmium	165-1	6040817	6099798	5992816	6044477	0.89	cps
Holmium	165-2	4520161	4515071	4467185	4500806	0.65	cps
Indium	115-1	5481734	5519049	5412343	5471042	0.99	cps
Indium	115-2	2048075	2050575	2033301	2043984	0.46	cps
Iron	56-2	1228431	1228275	1214119	1223608	0.67	cps
Iron	57-2	33704	33688	33090	33494	1.05	cps
Iron	54-2	69339	70224	68967	69510	0.93	cps
Krypton	83-1	273	220	260	251	11.05	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BS	Instrumnet Name :	P7
Client Sample ID :	LCS189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:28:24	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8146	8119	8056	8107	0.57	cps
Lead	207-1	6852	7245	7209	7102	3.06	cps
Lead	208-1	32119	32102	31681	31967	0.78	cps
Lithium	6-1	757344	754146	756910	756133	0.23	cps
Magnesium	24-2	306165	308694	304591	306483	0.68	cps
Manganese	55-2	6045	6632	6078	6251	5.27	cps
Molybdenum	94-1	29506	30004	29062	29524	1.60	cps
Molybdenum	95-1	34527	35216	35052	34932	1.03	cps
Molybdenum	96-1	38761	38838	38721	38774	0.15	cps
Molybdenum	97-1	21670	21753	21783	21735	0.27	cps
Molybdenum	98-1	54672	55003	56147	55274	1.40	cps
Neodymium	150-1	23	20	10	18	39.03	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	2904	2930	2900	2911	0.56	cps
Phosphorus	31-2	150	177	177	168	9.18	cps
Potassium	39-2	501792	499237	499718	500249	0.27	cps
Rhodium	103-1	5395930	5404351	5384525	5394935	0.18	cps
Rhodium	103-2	3410397	3388711	3359043	3386050	0.76	cps
Scandium	45-1	3864402	3856415	3878697	3866505	0.29	cps
Scandium	45-2	353507	350848	348268	350874	0.75	cps
Selenium	82-1	1491	1541	1481	1504	2.13	cps
Selenium	77-2	107	103	107	106	1.83	cps
Selenium	78-2	810	773	780	788	2.48	cps
Silicon	28-1	449693	450194	454942	451610	0.64	cps
Silver	107-1	15402	15782	15966	15716	1.83	cps
Silver	109-1	14854	15201	15542	15199	2.26	cps
Sodium	23-2	547870	549658	547168	548232	0.23	cps
Strontium	86-1	4841	4774	4991	4869	2.28	cps
Strontium	88-1	40215	40125	40198	40179	0.12	cps
Sulfur	34-1	169313	169511	172872	170566	1.17	cps
Terbium	159-1	6345443	6318461	6259951	6307952	0.69	cps
Terbium	159-2	4450675	4507025	4437850	4465183	0.82	cps
Thallium	203-1	8933	9503	9440	9292	3.36	cps
Thallium	205-1	22058	22465	22275	22266	0.92	cps
Tin	118-1	1280	1387	1467	1378	6.80	cps
Titanium	47-1	10877	10681	10707	10755	0.99	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BS	Instrumnet Name :	P7
Client Sample ID :	LCS189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:28:24	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26179	25965	26166	26103	0.46	cps
Vanadium	51-2	30748	30711	30344	30601	0.73	cps
Yttrium	89-1	9847679	9902666	9903334	9884560	0.32	cps
Yttrium	89-2	2732248	2689308	2715245	2712267	0.80	cps
Zinc	66-2	7272	7382	7055	7236	2.30	cps
Zirconium	90-1	24724	25475	25319	25173	1.57	cps
Zirconium	91-1	5454	5664	5728	5616	2.55	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:31:46	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16869	16796	16903	16856	0.32	cps
Antimony	121-1	13019	13553	13924	13499	3.37	cps
Arsenic	75-2	503	510	460	491	5.53	cps
Barium	135-1	15579	15412	15612	15534	0.69	cps
Barium	137-1	26137	26418	26668	26408	1.01	cps
Beryllium	9-1	1106	1100	1147	1118	2.27	cps
Bismuth	209-1	3521911	3570195	3573941	3555349	0.82	cps
Bismuth	209-2	3165693	3159095	3173435	3166074	0.23	cps
Bromine	81-1	5094	5224	5494	5271	3.87	cps
Bromine	81-2	50	37	57	48	21.31	cps
Cadmium	108-1	183	170	163	172	5.91	cps
Cadmium	106-1	1777	1853	1773	1801	2.51	cps
Cadmium	111-1	3282	3052	3204	3179	3.68	cps
Calcium	43-1	11625	11858	11358	11613	2.16	cps
Calcium	44-1	204470	207213	208284	206656	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8653	8723	8693	8689	0.40	cps
Cobalt	59-2	5238	5281	5091	5203	1.91	cps
Copper	63-2	9156	8673	9133	8987	3.03	cps
Dysprosium	156-1	90	103	80	91	12.85	cps
Dysprosium	156-2	17	30	37	28	36.66	cps
Erbium	164-1	57	53	27	46	36.09	cps
Erbium	164-2	50	30	37	39	26.18	cps
Gadolinium	160-1	47	37	27	37	27.27	cps
Gadolinium	160-2	153	190	167	170	10.92	cps
Holmium	165-1	6145396	6015406	5991482	6050761	1.37	cps
Holmium	165-2	4566961	4490804	4468253	4508673	1.15	cps
Indium	115-1	5392537	5441484	5461737	5431919	0.65	cps
Indium	115-2	2082181	2050398	2055767	2062782	0.82	cps
Iron	56-2	635400	634317	637933	635883	0.29	cps
Iron	57-2	18732	18809	19409	18983	1.95	cps
Iron	54-2	37046	35719	37032	36599	2.08	cps
Krypton	83-1	223	250	300	258	15.10	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:31:46	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4157	4354	4317	4276	2.45	cps
Lead	207-1	3844	3937	3614	3798	4.38	cps
Lead	208-1	17198	17541	17171	17303	1.19	cps
Lithium	6-1	757859	769863	772579	766767	1.02	cps
Magnesium	24-2	157666	155946	154535	156049	1.00	cps
Manganese	55-2	4231	4377	4214	4274	2.10	cps
Molybdenum	94-1	14704	15068	15198	14990	1.71	cps
Molybdenum	95-1	18001	17808	18061	17957	0.74	cps
Molybdenum	96-1	19213	19814	19844	19623	1.81	cps
Molybdenum	97-1	10791	10951	11008	10916	1.03	cps
Molybdenum	98-1	27563	28842	28949	28451	2.71	cps
Neodymium	150-1	23	7	7	12	78.69	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1760	1660	1743	1721	3.11	cps
Phosphorus	31-2	157	190	140	162	15.69	cps
Potassium	39-2	302755	301587	301143	301828	0.28	cps
Rhodium	103-1	5442038	5414896	5393894	5416943	0.45	cps
Rhodium	103-2	3427153	3333076	3369079	3376436	1.41	cps
Scandium	45-1	3865075	3904511	3817792	3862459	1.12	cps
Scandium	45-2	351355	353397	352912	352555	0.30	cps
Selenium	82-1	969	981	880	944	5.83	cps
Selenium	77-2	63	57	63	61	6.29	cps
Selenium	78-2	647	737	597	660	10.75	cps
Silicon	28-1	416227	417397	419401	417675	0.38	cps
Silver	107-1	8429	8219	8392	8347	1.34	cps
Silver	109-1	7505	7732	7655	7631	1.51	cps
Sodium	23-2	307238	307496	306496	307076	0.17	cps
Strontium	86-1	2700	2730	2790	2740	1.67	cps
Strontium	88-1	20988	20855	20972	20938	0.35	cps
Sulfur	34-1	177490	176682	177638	177270	0.29	cps
Terbium	159-1	6266242	6291234	6193819	6250431	0.81	cps
Terbium	159-2	4476512	4484267	4533462	4498080	0.69	cps
Thallium	203-1	4651	4591	4811	4684	2.43	cps
Thallium	205-1	11208	11265	11341	11271	0.59	cps
Tin	118-1	1383	1653	1450	1496	9.41	cps
Titanium	47-1	5601	5404	5568	5524	1.91	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	PB164189BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD189	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:31:46	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13023	13153	13387	13188	1.40	cps
Vanadium	51-2	15385	14847	15601	15278	2.54	cps
Yttrium	89-1	9849799	9989360	9962071	9933743	0.74	cps
Yttrium	89-2	2748338	2703051	2735231	2728873	0.85	cps
Zinc	66-2	6395	6652	6371	6473	2.40	cps
Zirconium	90-1	12679	13196	12839	12905	2.05	cps
Zirconium	91-1	2887	2970	2967	2941	1.60	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:35:54	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6192867	6035443	6085108	6104473	1.32	cps
Antimony	121-1	12215	11975	12642	12278	2.75	cps
Arsenic	75-2	45637	45078	44858	45191	0.89	cps
Barium	135-1	496239	504100	503953	501431	0.90	cps
Barium	137-1	857712	863067	873687	864822	0.94	cps
Beryllium	9-1	1364	1364	1478	1402	4.66	cps
Bismuth	209-1	3594857	3644015	3667969	3635614	1.03	cps
Bismuth	209-2	3112913	3248233	3213706	3191617	2.20	cps
Bromine	81-1	6948	6912	6732	6864	1.69	cps
Bromine	81-2	537	427	477	480	11.47	cps
Cadmium	108-1	193	177	203	191	7.05	cps
Cadmium	106-1	2104	2070	1993	2056	2.74	cps
Cadmium	111-1	2894	2869	2837	2866	1.00	cps
Calcium	43-1	312252	310765	311349	311455	0.24	cps
Calcium	44-1	4761084	4851168	4918452	4843568	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	141930	141739	142496	142055	0.28	cps
Cobalt	59-2	167656	167197	166429	167094	0.37	cps
Copper	63-2	313101	309292	305616	309336	1.21	cps
Dysprosium	156-1	41207	42120	42668	41998	1.76	cps
Dysprosium	156-2	37483	37864	37614	37654	0.51	cps
Erbium	164-1	35508	36163	36237	35970	1.12	cps
Erbium	164-2	25520	25991	26422	25978	1.74	cps
Gadolinium	160-1	39719	39910	40712	40114	1.31	cps
Gadolinium	160-2	30897	30694	30680	30757	0.40	cps
Holmium	165-1	6151287	6112989	6189470	6151249	0.62	cps
Holmium	165-2	4517778	4672646	4586424	4592283	1.69	cps
Indium	115-1	5570778	5588305	5535931	5565005	0.48	cps
Indium	115-2	2032944	2063401	2060564	2052303	0.82	cps
Iron	56-2	230038623	232269497	228700463	230336194	0.78	cps
Iron	57-2	5783862	5716438	5642084	5714128	1.24	cps
Iron	54-2	12811886	12615791	12661658	12696445	0.81	cps
Krypton	83-1	363	343	333	347	4.41	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:35:54	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	258338	262305	262993	261212	0.96	cps
Lead	207-1	233833	238723	239953	237503	1.36	cps
Lead	208-1	1043513	1055158	1063181	1053951	0.94	cps
Lithium	6-1	792583	795459	809094	799045	1.10	cps
Magnesium	24-2	3610886	3611758	3591080	3604575	0.32	cps
Manganese	55-2	4062511	4064570	4032022	4053034	0.45	cps
Molybdenum	94-1	42876	43314	43237	43142	0.54	cps
Molybdenum	95-1	4541	4381	4427	4450	1.85	cps
Molybdenum	96-1	13096	12989	13093	13059	0.47	cps
Molybdenum	97-1	2597	2537	2667	2600	2.50	cps
Molybdenum	98-1	6765	6938	6898	6867	1.32	cps
Neodymium	150-1	73155	72944	72575	72891	0.40	cps
Neodymium	150-2	45640	45249	45460	45450	0.43	cps
Nickel	60-2	45753	45238	45813	45601	0.69	cps
Phosphorus	31-2	23044	22971	22720	22912	0.74	cps
Potassium	39-2	3204647	3253074	3256043	3237921	0.89	cps
Rhodium	103-1	5402088	5322837	5456144	5393690	1.24	cps
Rhodium	103-2	3412538	3442750	3426117	3427135	0.44	cps
Scandium	45-1	4023377	4105107	4126044	4084843	1.33	cps
Scandium	45-2	375317	374222	375731	375090	0.21	cps
Selenium	82-1	486	532	512	510	4.52	cps
Selenium	77-2	173	153	160	162	6.28	cps
Selenium	78-2	517	500	453	490	6.70	cps
Silicon	28-1	18875658	19306216	19039909	19073928	1.14	cps
Silver	107-1	2837	2977	2937	2917	2.47	cps
Silver	109-1	2707	2807	2670	2728	2.59	cps
Sodium	23-2	157363	155291	154167	155607	1.04	cps
Strontium	86-1	184296	186805	189606	186902	1.42	cps
Strontium	88-1	1684728	1673427	1681547	1679901	0.35	cps
Sulfur	34-1	202699	198985	197472	199718	1.35	cps
Terbium	159-1	6412571	6423011	6521439	6452340	0.93	cps
Terbium	159-2	4538232	4606693	4599971	4581632	0.82	cps
Thallium	203-1	1443	1373	1333	1383	4.02	cps
Thallium	205-1	3257	3274	3410	3314	2.54	cps
Tin	118-1	8869	8936	9146	8984	1.61	cps
Titanium	47-1	1399427	1407398	1402321	1403049	0.29	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:35:54	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14311	14188	14151	14217	0.59	cps
Vanadium	51-2	432098	424242	424916	427085	1.02	cps
Yttrium	89-1	10838841	10716869	10783968	10779893	0.57	cps
Yttrium	89-2	2917976	2934767	2967616	2940120	0.86	cps
Zinc	66-2	186271	187415	188850	187512	0.69	cps
Zirconium	90-1	111409	113253	113283	112648	0.95	cps
Zirconium	91-1	25048	24921	25122	25030	0.41	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-02	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6D	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:39:08	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6566259	6371508	6361526	6433098	1.79	cps
Antimony	121-1	12582	12812	12779	12725	0.98	cps
Arsenic	75-2	48492	46793	46355	47214	2.39	cps
Barium	135-1	526041	534104	531366	530503	0.77	cps
Barium	137-1	900655	908030	908997	905894	0.50	cps
Beryllium	9-1	1531	1481	1528	1514	1.86	cps
Bismuth	209-1	3612818	3628593	3649509	3630307	0.51	cps
Bismuth	209-2	3183175	3195329	3236620	3205041	0.87	cps
Bromine	81-1	6672	7112	7269	7017	4.41	cps
Bromine	81-2	417	423	470	437	6.65	cps
Cadmium	108-1	163	173	173	170	3.40	cps
Cadmium	106-1	1983	1877	2114	1991	5.95	cps
Cadmium	111-1	2894	2776	2942	2871	2.97	cps
Calcium	43-1	319911	326568	324161	323547	1.04	cps
Calcium	44-1	4988356	5068161	5147183	5067900	1.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	151984	149395	149893	150424	0.91	cps
Cobalt	59-2	176829	175606	176655	176363	0.38	cps
Copper	63-2	328652	322368	324595	325205	0.98	cps
Dysprosium	156-1	43554	42778	44346	43560	1.80	cps
Dysprosium	156-2	39338	39188	39783	39436	0.78	cps
Erbium	164-1	36812	38359	37577	37583	2.06	cps
Erbium	164-2	28432	27357	27160	27650	2.48	cps
Gadolinium	160-1	42618	41999	42153	42257	0.76	cps
Gadolinium	160-2	32257	32237	32521	32338	0.49	cps
Holmium	165-1	6116211	6211068	6187259	6171513	0.80	cps
Holmium	165-2	4610215	4574491	4663038	4615915	0.97	cps
Indium	115-1	5616258	5601077	5572239	5596525	0.40	cps
Indium	115-2	2056707	2077057	2045714	2059826	0.77	cps
Iron	56-2	242093550	236553236	239727550	239458112	1.16	cps
Iron	57-2	6081066	5944578	5972930	5999525	1.20	cps
Iron	54-2	13380807	13392871	13409833	13394504	0.11	cps
Krypton	83-1	303	247	383	311	22.07	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-02	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6D	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:39:08	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	271640	272955	273237	272611	0.31	cps
Lead	207-1	243726	246256	247259	245747	0.74	cps
Lead	208-1	1087492	1096367	1092592	1092150	0.41	cps
Lithium	6-1	807652	801090	810021	806254	0.57	cps
Magnesium	24-2	3819862	3848243	3773640	3813915	0.99	cps
Manganese	55-2	4327152	4253157	4218705	4266338	1.30	cps
Molybdenum	94-1	44481	45905	45688	45358	1.69	cps
Molybdenum	95-1	4467	4524	4717	4570	2.87	cps
Molybdenum	96-1	13560	13703	13446	13570	0.95	cps
Molybdenum	97-1	2740	2807	2990	2846	4.55	cps
Molybdenum	98-1	7078	7209	7215	7167	1.08	cps
Neodymium	150-1	77545	77474	77417	77479	0.08	cps
Neodymium	150-2	48379	47275	48336	47997	1.30	cps
Nickel	60-2	48150	47916	46876	47648	1.42	cps
Phosphorus	31-2	24610	23612	23605	23942	2.42	cps
Potassium	39-2	3390919	3387045	3349307	3375757	0.68	cps
Rhodium	103-1	5424914	5496989	5419247	5447050	0.80	cps
Rhodium	103-2	3443768	3437890	3458330	3446663	0.31	cps
Scandium	45-1	4145622	4077219	4146476	4123106	0.96	cps
Scandium	45-2	379270	378274	376594	378046	0.36	cps
Selenium	82-1	608	556	459	541	14.00	cps
Selenium	77-2	170	213	233	206	15.75	cps
Selenium	78-2	530	647	490	556	14.65	cps
Silicon	28-1	19698723	19908328	19738706	19781919	0.56	cps
Silver	107-1	2854	3034	2904	2930	3.17	cps
Silver	109-1	2724	2767	2717	2736	0.99	cps
Sodium	23-2	164047	164391	165462	164633	0.45	cps
Strontium	86-1	193464	198311	193618	195131	1.41	cps
Strontium	88-1	1704096	1725999	1775920	1735339	2.12	cps
Sulfur	34-1	199073	196411	196432	197305	0.78	cps
Terbium	159-1	6461034	6419011	6347114	6409053	0.90	cps
Terbium	159-2	4649185	4554868	4569758	4591271	1.10	cps
Thallium	203-1	1467	1370	1357	1398	4.29	cps
Thallium	205-1	3260	3107	3260	3209	2.76	cps
Tin	118-1	9176	9346	9353	9292	1.08	cps
Titanium	47-1	1420841	1428957	1451615	1433804	1.11	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-02	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6D	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:39:08	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14708	14418	14782	14636	1.31	cps
Vanadium	51-2	453323	449199	446328	449617	0.78	cps
Yttrium	89-1	10734297	10729879	10882465	10782213	0.81	cps
Yttrium	89-2	2955927	2926062	2962139	2948043	0.65	cps
Zinc	66-2	194315	194651	195078	194682	0.20	cps
Zirconium	90-1	118929	117664	117335	117976	0.71	cps
Zirconium	91-1	25833	25806	25886	25842	0.16	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6L	Dilution Factor :	5
Date & Time Acquired :	2024-10-27 20:42:19	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1161869	1166396	1161554	1163273	0.23	cps
Antimony	121-1	2214	2364	2324	2300	3.38	cps
Arsenic	75-2	8336	8626	8439	8467	1.74	cps
Barium	135-1	91300	92934	93239	92491	1.13	cps
Barium	137-1	158510	160939	160883	160110	0.87	cps
Beryllium	9-1	323	236	296	285	15.59	cps
Bismuth	209-1	3594878	3586386	3559768	3580344	0.51	cps
Bismuth	209-2	2848039	3099885	3269960	3072628	6.91	cps
Bromine	81-1	5731	5321	5711	5588	4.14	cps
Bromine	81-2	133	150	137	140	6.30	cps
Cadmium	108-1	47	33	40	40	16.68	cps
Cadmium	106-1	1667	1587	1507	1587	5.04	cps
Cadmium	111-1	1481	1347	1340	1389	5.70	cps
Calcium	43-1	58020	58271	58887	58393	0.76	cps
Calcium	44-1	969366	975031	991699	978698	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27806	26573	27044	27141	2.29	cps
Cobalt	59-2	31951	31019	31533	31501	1.48	cps
Copper	63-2	60425	58497	58417	59113	1.92	cps
Dysprosium	156-1	7692	7709	7872	7758	1.28	cps
Dysprosium	156-2	6935	6952	7422	7103	3.89	cps
Erbium	164-1	6818	6635	6818	6757	1.57	cps
Erbium	164-2	4921	4818	4858	4865	1.07	cps
Gadolinium	160-1	7455	7749	7569	7591	1.95	cps
Gadolinium	160-2	5815	5978	5905	5899	1.39	cps
Holmium	165-1	6068744	6126143	6063273	6086053	0.57	cps
Holmium	165-2	4152550	4398444	4523631	4358208	4.33	cps
Indium	115-1	5532804	5585403	5490447	5536218	0.86	cps
Indium	115-2	1897942	2023642	2059515	1993700	4.26	cps
Iron	56-2	43378889	42918591	42484669	42927383	1.04	cps
Iron	57-2	1119579	1104791	1108007	1110792	0.70	cps
Iron	54-2	2425850	2366413	2373410	2388558	1.36	cps
Krypton	83-1	280	240	203	241	15.90	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6L	Dilution Factor :	5
Date & Time Acquired :	2024-10-27 20:42:19	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	48362	49784	49001	49049	1.45	cps
Lead	207-1	44319	44462	45162	44648	1.01	cps
Lead	208-1	196098	197895	198668	197554	0.67	cps
Lithium	6-1	791606	781032	799771	790803	1.19	cps
Magnesium	24-2	693269	689605	689500	690791	0.31	cps
Manganese	55-2	766807	770000	762790	766532	0.47	cps
Molybdenum	94-1	8012	8069	7775	7952	1.96	cps
Molybdenum	95-1	927	957	933	939	1.68	cps
Molybdenum	96-1	2454	2504	2524	2494	1.45	cps
Molybdenum	97-1	583	660	523	589	11.63	cps
Molybdenum	98-1	1263	1323	1453	1347	7.21	cps
Neodymium	150-1	13443	14090	13517	13683	2.59	cps
Neodymium	150-2	8743	8306	8306	8451	2.98	cps
Nickel	60-2	8726	8759	8459	8648	1.90	cps
Phosphorus	31-2	4551	4441	4464	4485	1.29	cps
Potassium	39-2	713988	709284	710239	711170	0.35	cps
Rhodium	103-1	5428125	5452600	5346558	5409094	1.03	cps
Rhodium	103-2	3110079	3340410	3440890	3297127	5.14	cps
Scandium	45-1	3911686	3883658	3896677	3897340	0.36	cps
Scandium	45-2	326753	340949	358566	342089	4.66	cps
Selenium	82-1	371	390	408	389	4.77	cps
Selenium	77-2	30	23	23	26	15.07	cps
Selenium	78-2	377	370	417	388	6.51	cps
Silicon	28-1	3864547	4022664	3945565	3944259	2.00	cps
Silver	107-1	647	500	533	560	13.73	cps
Silver	109-1	563	547	473	528	9.07	cps
Sodium	23-2	80633	79447	80087	80055	0.74	cps
Strontium	86-1	33822	34925	35500	34749	2.45	cps
Strontium	88-1	297308	304774	303033	301705	1.29	cps
Sulfur	34-1	169471	169926	170240	169879	0.23	cps
Terbium	159-1	6368069	6297900	6432249	6366073	1.06	cps
Terbium	159-2	4159932	4322935	4541274	4341380	4.41	cps
Thallium	203-1	350	323	330	334	4.15	cps
Thallium	205-1	843	713	813	790	8.62	cps
Tin	118-1	2940	3074	3054	3023	2.38	cps
Titanium	47-1	255665	262228	260823	259572	1.33	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6L	Dilution Factor :	5
Date & Time Acquired :	2024-10-27 20:42:19	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2700	2650	2597	2649	1.95	cps
Vanadium	51-2	79649	79338	79686	79557	0.24	cps
Yttrium	89-1	10069973	10100898	10125400	10098757	0.28	cps
Yttrium	89-2	2503563	2645114	2753538	2634072	4.76	cps
Zinc	66-2	36685	37096	36722	36834	0.62	cps
Zirconium	90-1	21099	20862	20645	20868	1.09	cps
Zirconium	91-1	4274	4577	4871	4574	6.52	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-03	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6S	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:45:38	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6496303	6392425	6516104	6468278	1.03	cps
Antimony	121-1	485379	495319	493065	491254	1.06	cps
Arsenic	75-2	58913	58301	58642	58619	0.52	cps
Barium	135-1	3125746	3206668	3158745	3163720	1.29	cps
Barium	137-1	5301462	5416950	5475855	5398089	1.64	cps
Beryllium	9-1	44177	44538	44943	44552	0.86	cps
Bismuth	209-1	3675233	3595231	3663786	3644750	1.19	cps
Bismuth	209-2	3224278	3243196	3198575	3222017	0.70	cps
Bromine	81-1	6762	6715	6788	6755	0.55	cps
Bromine	81-2	400	420	417	412	2.60	cps
Cadmium	108-1	3991	4194	4091	4092	2.49	cps
Cadmium	106-1	7412	7465	7589	7489	1.21	cps
Cadmium	111-1	61646	61641	61863	61717	0.21	cps
Calcium	43-1	308893	312212	316650	312585	1.25	cps
Calcium	44-1	4934891	4896393	4991665	4940983	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	701817	694365	693642	696608	0.65	cps
Cobalt	59-2	2201891	2226398	2191709	2206666	0.81	cps
Copper	63-2	1009448	998831	1000777	1003019	0.56	cps
Dysprosium	156-1	41601	42628	42330	42186	1.25	cps
Dysprosium	156-2	37243	38199	37961	37801	1.32	cps
Erbium	164-1	35642	37076	36367	36362	1.97	cps
Erbium	164-2	27126	26532	26465	26708	1.36	cps
Gadolinium	160-1	40294	41143	40926	40788	1.08	cps
Gadolinium	160-2	31923	30824	32010	31586	2.09	cps
Holmium	165-1	6110568	6237337	6167796	6171900	1.03	cps
Holmium	165-2	4567171	4607680	4579676	4584842	0.45	cps
Indium	115-1	5521973	5566527	5456335	5514945	1.01	cps
Indium	115-2	2070804	2036370	2031635	2046270	1.04	cps
Iron	56-2	235914650	235208670	234394430	235172583	0.32	cps
Iron	57-2	5757625	5748640	5776348	5760871	0.25	cps
Iron	54-2	13089128	12951405	12914239	12984924	0.71	cps
Krypton	83-1	313	257	327	299	12.44	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-03	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6S	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:45:38	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	315660	322306	321269	319745	1.12	cps
Lead	207-1	283888	285572	284983	284814	0.30	cps
Lead	208-1	1268642	1283853	1279441	1277312	0.61	cps
Lithium	6-1	806388	801619	822580	810196	1.36	cps
Magnesium	24-2	3691801	3615272	3635260	3647444	1.09	cps
Manganese	55-2	5097211	5059091	5023494	5059932	0.73	cps
Molybdenum	94-1	43157	43581	44153	43631	1.15	cps
Molybdenum	95-1	4364	4524	4497	4462	1.92	cps
Molybdenum	96-1	12632	13269	13430	13110	3.22	cps
Molybdenum	97-1	2804	2850	2910	2855	1.87	cps
Molybdenum	98-1	7028	6928	6988	6982	0.72	cps
Neodymium	150-1	73671	75759	75209	74880	1.45	cps
Neodymium	150-2	45998	46185	45992	46058	0.24	cps
Nickel	60-2	562979	564193	559431	562201	0.44	cps
Phosphorus	31-2	23104	23511	22824	23147	1.49	cps
Potassium	39-2	3253222	3217766	3196616	3222535	0.89	cps
Rhodium	103-1	5426668	5372595	5458302	5419188	0.80	cps
Rhodium	103-2	3371623	3390624	3351551	3371266	0.58	cps
Scandium	45-1	4111918	4123003	4131285	4122069	0.24	cps
Scandium	45-2	375025	369543	369786	371451	0.83	cps
Selenium	82-1	8467	8651	8621	8580	1.15	cps
Selenium	77-2	977	993	977	982	0.98	cps
Selenium	78-2	3554	3280	3294	3376	4.57	cps
Silicon	28-1	19450814	19265406	18896816	19204346	1.47	cps
Silver	107-1	223434	225481	229978	226298	1.48	cps
Silver	109-1	208935	212280	220578	213931	2.80	cps
Sodium	23-2	150517	150060	150417	150331	0.16	cps
Strontium	86-1	188646	190302	188871	189273	0.47	cps
Strontium	88-1	1668321	1708250	1672578	1683049	1.30	cps
Sulfur	34-1	189388	191348	192179	190972	0.75	cps
Terbium	159-1	6472920	6393737	6404496	6423718	0.67	cps
Terbium	159-2	4615912	4615124	4534401	4588479	1.02	cps
Thallium	203-1	168792	169281	168282	168785	0.30	cps
Thallium	205-1	392104	396889	397206	395399	0.72	cps
Tin	118-1	9260	9457	9583	9433	1.73	cps
Titanium	47-1	1423403	1417210	1438937	1426517	0.78	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-03	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6S	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:45:38	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14074	14061	14311	14149	1.00	cps
Vanadium	51-2	1644076	1630070	1631726	1635291	0.47	cps
Yttrium	89-1	10838173	10777676	10599723	10738524	1.15	cps
Yttrium	89-2	2878085	2904821	2926209	2903038	0.83	cps
Zinc	66-2	425352	424557	421984	423964	0.42	cps
Zirconium	90-1	113659	113656	114791	114036	0.57	cps
Zirconium	91-1	25202	24681	24828	24903	1.08	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01MS	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:48:44	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6934762	6998045	7023415	6985407	0.65	cps
Antimony	121-1	1891350	1974449	1965376	1943725	2.35	cps
Arsenic	75-2	95203	93304	95277	94594	1.18	cps
Barium	135-1	9695474	9959173	10103330	9919326	2.09	cps
Barium	137-1	17167715	17303488	17318265	17263156	0.48	cps
Beryllium	9-1	155745	161693	160072	159170	1.93	cps
Bismuth	209-1	3657376	3692382	3668157	3672638	0.49	cps
Bismuth	209-2	3147399	3196244	3152623	3165422	0.85	cps
Bromine	81-1	6675	6712	6995	6794	2.58	cps
Bromine	81-2	363	417	413	398	7.51	cps
Cadmium	108-1	15438	16119	15482	15680	2.43	cps
Cadmium	106-1	22805	23048	23806	23220	2.25	cps
Cadmium	111-1	231290	233973	234450	233238	0.73	cps
Calcium	43-1	304750	308289	309116	307385	0.75	cps
Calcium	44-1	4796812	4799690	4824922	4807141	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2073587	2119706	2065565	2086286	1.40	cps
Cobalt	59-2	7467338	7479433	7405973	7450915	0.53	cps
Copper	63-2	2820562	2864052	2822949	2835855	0.86	cps
Dysprosium	156-1	41939	42347	42855	42380	1.08	cps
Dysprosium	156-2	37594	37370	37660	37541	0.41	cps
Erbium	164-1	35087	35542	35980	35536	1.26	cps
Erbium	164-2	25801	26218	26041	26020	0.81	cps
Gadolinium	160-1	40144	41388	41154	40895	1.62	cps
Gadolinium	160-2	31195	31155	31034	31128	0.27	cps
Holmium	165-1	6280134	6234840	6156949	6223974	1.00	cps
Holmium	165-2	4544657	4613341	4517035	4558344	1.09	cps
Indium	115-1	5519951	5559889	5398156	5492665	1.53	cps
Indium	115-2	2015000	2028028	1993949	2012326	0.85	cps
Iron	56-2	236736523	234119297	237808076	236221299	0.80	cps
Iron	57-2	5914676	5835737	5854629	5868347	0.70	cps
Iron	54-2	13203454	13076942	13133139	13137845	0.48	cps
Krypton	83-1	313	287	383	328	15.23	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01MS	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:48:44	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	471234	484114	476361	477236	1.36	cps
Lead	207-1	416039	424236	421953	420743	1.01	cps
Lead	208-1	1873037	1914832	1905734	1897868	1.16	cps
Lithium	6-1	824503	831748	818907	825053	0.78	cps
Magnesium	24-2	3558626	3593839	3599409	3583958	0.62	cps
Manganese	55-2	7309911	7358153	7447006	7371690	0.94	cps
Molybdenum	94-1	43555	43428	43464	43482	0.15	cps
Molybdenum	95-1	4454	4521	4484	4486	0.74	cps
Molybdenum	96-1	13006	13276	13116	13133	1.03	cps
Molybdenum	97-1	2724	2807	2777	2769	1.52	cps
Molybdenum	98-1	6812	7105	7215	7044	2.96	cps
Neodymium	150-1	72900	73735	74425	73687	1.04	cps
Neodymium	150-2	45988	46179	45336	45834	0.96	cps
Nickel	60-2	1973601	1950154	1927384	1950380	1.18	cps
Phosphorus	31-2	23057	22159	22336	22518	2.11	cps
Potassium	39-2	3182485	3168097	3140752	3163778	0.67	cps
Rhodium	103-1	5364524	5388806	5374841	5376057	0.23	cps
Rhodium	103-2	3368236	3338708	3338164	3348370	0.51	cps
Scandium	45-1	4132897	4083946	4055287	4090710	0.96	cps
Scandium	45-2	368748	367188	364568	366835	0.58	cps
Selenium	82-1	35183	35595	35357	35378	0.58	cps
Selenium	77-2	3434	3741	3707	3627	4.64	cps
Selenium	78-2	11791	12365	12816	12324	4.17	cps
Silicon	28-1	19113035	19584361	19273459	19323618	1.24	cps
Silver	107-1	539577	588702	507047	545109	7.54	cps
Silver	109-1	503654	549325	467914	506964	8.05	cps
Sodium	23-2	149575	149248	148245	149023	0.47	cps
Strontium	86-1	181301	186797	185974	184691	1.61	cps
Strontium	88-1	1645622	1667521	1638624	1650589	0.91	cps
Sulfur	34-1	190879	192789	190524	191398	0.64	cps
Terbium	159-1	6468789	6434145	6354156	6419030	0.92	cps
Terbium	159-2	4610317	4573833	4526571	4570240	0.92	cps
Thallium	203-1	654985	668775	658875	660878	1.08	cps
Thallium	205-1	1537055	1561060	1570054	1556056	1.10	cps
Tin	118-1	9717	9944	9940	9867	1.32	cps
Titanium	47-1	1386662	1382446	1375414	1381507	0.41	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01MS	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 20:48:44	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14014	14535	14258	14269	1.83	cps
Vanadium	51-2	4739805	4667087	4681211	4696034	0.82	cps
Yttrium	89-1	10784392	10689287	10772149	10748609	0.48	cps
Yttrium	89-2	2841944	2893801	2846215	2860653	1.01	cps
Zinc	66-2	1034563	1032085	1017624	1028091	0.89	cps
Zirconium	90-1	111493	112333	114049	112625	1.16	cps
Zirconium	91-1	24975	24865	25472	25104	1.29	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:01:42	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1548911	1535935	1518884	1534576	0.98	cps
Antimony	121-1	2987	3167	3177	3110	3.44	cps
Arsenic	75-2	11284	11241	11098	11208	0.87	cps
Barium	135-1	126093	124516	125090	125233	0.64	cps
Barium	137-1	210195	214929	210640	211921	1.23	cps
Beryllium	9-1	413	360	383	386	6.92	cps
Bismuth	209-1	3623390	3613296	3724203	3653630	1.68	cps
Bismuth	209-2	3165859	3229086	3189376	3194774	1.00	cps
Bromine	81-1	5751	5858	5891	5833	1.25	cps
Bromine	81-2	150	203	203	186	16.60	cps
Cadmium	108-1	53	33	50	46	23.52	cps
Cadmium	106-1	1670	1707	1600	1659	3.27	cps
Cadmium	111-1	1548	1648	1482	1559	5.37	cps
Calcium	43-1	75681	77631	78977	77430	2.14	cps
Calcium	44-1	1227832	1251342	1213004	1230726	1.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36240	36354	36340	36311	0.17	cps
Cobalt	59-2	42557	41865	42176	42199	0.82	cps
Copper	63-2	78501	77335	77560	77799	0.80	cps
Dysprosium	156-1	10511	10067	10197	10258	2.22	cps
Dysprosium	156-2	9296	9377	9193	9289	0.99	cps
Erbium	164-1	8926	8933	8866	8908	0.41	cps
Erbium	164-2	6705	6505	6628	6613	1.53	cps
Gadolinium	160-1	9897	10404	9727	10009	3.52	cps
Gadolinium	160-2	7749	7652	7689	7697	0.63	cps
Holmium	165-1	6190042	6179405	6096061	6155169	0.84	cps
Holmium	165-2	4562214	4520619	4566789	4549874	0.56	cps
Indium	115-1	5567864	5478218	5533584	5526555	0.82	cps
Indium	115-2	2089388	2124208	2090856	2101484	0.94	cps
Iron	56-2	57330667	57956817	57863324	57716936	0.59	cps
Iron	57-2	1437408	1468390	1439993	1448597	1.19	cps
Iron	54-2	3182955	3183290	3196358	3187534	0.24	cps
Krypton	83-1	290	223	310	274	16.54	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:01:42	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	66867	65376	65159	65800	1.41	cps
Lead	207-1	59292	58599	58589	58827	0.69	cps
Lead	208-1	261280	265841	264098	263740	0.87	cps
Lithium	6-1	823530	807067	815395	815330	1.01	cps
Magnesium	24-2	927195	927890	918824	924636	0.55	cps
Manganese	55-2	1015014	1020255	1011629	1015633	0.43	cps
Molybdenum	94-1	10494	11218	11051	10921	3.47	cps
Molybdenum	95-1	1260	1250	1100	1203	7.45	cps
Molybdenum	96-1	3247	3304	3140	3230	2.57	cps
Molybdenum	97-1	697	763	710	723	4.88	cps
Molybdenum	98-1	1720	1873	1623	1739	7.25	cps
Neodymium	150-1	17688	18128	18776	18197	3.01	cps
Neodymium	150-2	11501	11114	10988	11201	2.39	cps
Nickel	60-2	11031	11788	11474	11431	3.33	cps
Phosphorus	31-2	5764	5564	5698	5676	1.79	cps
Potassium	39-2	924483	920425	917313	920740	0.39	cps
Rhodium	103-1	5472970	5297783	5285712	5352155	1.96	cps
Rhodium	103-2	3470085	3542511	3421696	3478097	1.75	cps
Scandium	45-1	4082516	3948416	3942685	3991206	1.98	cps
Scandium	45-2	361207	361204	363690	362034	0.40	cps
Selenium	82-1	398	478	396	424	11.03	cps
Selenium	77-2	53	53	60	56	6.93	cps
Selenium	78-2	427	480	343	417	16.53	cps
Silicon	28-1	4982315	5004339	4962504	4983053	0.42	cps
Silver	107-1	803	720	783	769	5.66	cps
Silver	109-1	633	720	730	694	7.65	cps
Sodium	23-2	83314	82744	82446	82835	0.53	cps
Strontium	86-1	46276	45835	46266	46125	0.55	cps
Strontium	88-1	390573	412970	408450	403997	2.93	cps
Sulfur	34-1	191659	183500	177976	184378	3.73	cps
Terbium	159-1	6396460	6325183	6252760	6324801	1.14	cps
Terbium	159-2	4593004	4610373	4505353	4569577	1.23	cps
Thallium	203-1	367	413	410	397	6.56	cps
Thallium	205-1	1093	970	1013	1026	6.10	cps
Tin	118-1	3387	3300	3047	3245	5.45	cps
Titanium	47-1	343637	338696	341333	341222	0.72	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:01:42	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3440	3584	3360	3462	3.27	cps
Vanadium	51-2	105721	106338	107124	106394	0.66	cps
Yttrium	89-1	10070365	10133747	10534401	10246171	2.46	cps
Yttrium	89-2	2820328	2837298	2821746	2826457	0.33	cps
Zinc	66-2	47669	47425	48291	47795	0.93	cps
Zirconium	90-1	27830	27436	27893	27720	0.89	cps
Zirconium	91-1	6095	6545	6071	6237	4.28	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:04:59	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1575487	1603737	1572252	1583826	1.09	cps
Antimony	121-1	3117	3020	3137	3091	2.02	cps
Arsenic	75-2	11915	11404	11378	11566	2.62	cps
Barium	135-1	128066	130768	131752	130195	1.47	cps
Barium	137-1	220059	222958	223240	222085	0.79	cps
Beryllium	9-1	384	387	433	401	6.96	cps
Bismuth	209-1	3678812	3564159	3544221	3595731	2.02	cps
Bismuth	209-2	3221427	3205547	3179241	3202072	0.67	cps
Bromine	81-1	6101	5905	5628	5878	4.05	cps
Bromine	81-2	180	173	200	184	7.52	cps
Cadmium	108-1	60	37	80	59	36.83	cps
Cadmium	106-1	1667	1870	1720	1752	6.02	cps
Cadmium	111-1	1468	1687	1518	1558	7.36	cps
Calcium	43-1	80590	78837	79316	79581	1.14	cps
Calcium	44-1	1236169	1255623	1281899	1257897	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37426	37583	37533	37514	0.21	cps
Cobalt	59-2	42460	43613	43329	43134	1.39	cps
Copper	63-2	81001	81571	80679	81084	0.56	cps
Dysprosium	156-1	10301	10961	11094	10785	3.94	cps
Dysprosium	156-2	9940	9833	9443	9739	2.69	cps
Erbium	164-1	8860	8903	9190	8984	2.00	cps
Erbium	164-2	6492	6705	6678	6625	1.76	cps
Gadolinium	160-1	10194	10751	10721	10555	2.97	cps
Gadolinium	160-2	8022	8383	7956	8120	2.83	cps
Holmium	165-1	6147856	6258783	6230074	6212238	0.93	cps
Holmium	165-2	4517378	4460151	4544276	4507268	0.95	cps
Indium	115-1	5459655	5602838	5680058	5580850	2.00	cps
Indium	115-2	2112076	2060312	2022234	2064874	2.18	cps
Iron	56-2	58671362	59569737	59235259	59158786	0.77	cps
Iron	57-2	1456203	1473919	1469631	1466585	0.63	cps
Iron	54-2	3281277	3382976	3281642	3315298	1.77	cps
Krypton	83-1	290	267	297	284	5.54	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:04:59	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	65410	67838	67607	66952	2.00	cps
Lead	207-1	58937	60956	60591	60162	1.79	cps
Lead	208-1	270234	268748	267655	268879	0.48	cps
Lithium	6-1	803875	792970	792564	796469	0.81	cps
Magnesium	24-2	956336	953361	946712	952136	0.52	cps
Manganese	55-2	1050875	1065879	1057069	1057941	0.71	cps
Molybdenum	94-1	11184	11171	11104	11153	0.38	cps
Molybdenum	95-1	1143	1193	1120	1152	3.25	cps
Molybdenum	96-1	3507	3554	3360	3474	2.90	cps
Molybdenum	97-1	753	803	747	768	4.03	cps
Molybdenum	98-1	1837	1810	1963	1870	4.38	cps
Neodymium	150-1	18960	18582	18572	18705	1.18	cps
Neodymium	150-2	12205	11575	11692	11824	2.84	cps
Nickel	60-2	12145	12108	11985	12079	0.69	cps
Phosphorus	31-2	6045	5718	6048	5937	3.19	cps
Potassium	39-2	946118	942779	941965	943620	0.23	cps
Rhodium	103-1	5461600	5431318	5377735	5423551	0.78	cps
Rhodium	103-2	3444697	3435978	3356306	3412327	1.43	cps
Scandium	45-1	3834721	3988524	3953069	3925438	2.05	cps
Scandium	45-2	355075	356981	356394	356150	0.27	cps
Selenium	82-1	408	443	465	439	6.62	cps
Selenium	77-2	47	67	40	51	27.15	cps
Selenium	78-2	460	360	443	421	12.72	cps
Silicon	28-1	5154284	5301043	5295657	5250328	1.59	cps
Silver	107-1	783	710	777	757	5.36	cps
Silver	109-1	617	623	647	629	2.50	cps
Sodium	23-2	83186	83207	84622	83672	0.98	cps
Strontium	86-1	47065	48757	48282	48035	1.82	cps
Strontium	88-1	415580	414506	408623	412903	0.91	cps
Sulfur	34-1	175370	175501	175677	175516	0.09	cps
Terbium	159-1	6311475	6399239	6335886	6348867	0.71	cps
Terbium	159-2	4522835	4583034	4527435	4544435	0.74	cps
Thallium	203-1	433	457	493	461	6.56	cps
Thallium	205-1	1127	1003	1050	1060	5.88	cps
Tin	118-1	3130	3140	3377	3216	4.34	cps
Titanium	47-1	344032	359843	360015	354630	2.59	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6D	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:04:59	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3574	3354	3407	3445	3.33	cps
Vanadium	51-2	109541	109854	108829	109408	0.48	cps
Yttrium	89-1	10182571	9955436	9982546	10040184	1.24	cps
Yttrium	89-2	2778040	2801564	2694052	2757885	2.05	cps
Zinc	66-2	48261	48525	48322	48369	0.29	cps
Zirconium	90-1	28354	29366	29005	28909	1.77	cps
Zirconium	91-1	6385	6465	6545	6465	1.24	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 21:08:13	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	296708	298812	299338	298286	0.47	cps
Antimony	121-1	610	673	663	649	5.25	cps
Arsenic	75-2	2207	2164	2104	2158	2.41	cps
Barium	135-1	24261	24187	24331	24260	0.30	cps
Barium	137-1	40434	41403	40885	40908	1.19	cps
Beryllium	9-1	137	87	101	108	23.88	cps
Bismuth	209-1	3561703	3655565	3515334	3577534	2.00	cps
Bismuth	209-2	3155994	3151790	3212811	3173532	1.07	cps
Bromine	81-1	5514	5648	5268	5477	3.52	cps
Bromine	81-2	120	107	87	104	16.06	cps
Cadmium	108-1	10	20	10	13	43.30	cps
Cadmium	106-1	1627	1580	1607	1605	1.46	cps
Cadmium	111-1	1215	1185	1208	1203	1.28	cps
Calcium	43-1	15218	15855	15725	15599	2.16	cps
Calcium	44-1	270209	273375	271502	271695	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7432	7392	7492	7439	0.68	cps
Cobalt	59-2	8022	8192	8126	8113	1.06	cps
Copper	63-2	16162	15348	15398	15636	2.92	cps
Dysprosium	156-1	2097	2004	2030	2044	2.35	cps
Dysprosium	156-2	1897	1793	1880	1857	2.99	cps
Erbium	164-1	1633	1597	1743	1658	4.60	cps
Erbium	164-2	1210	1257	1243	1237	1.94	cps
Gadolinium	160-1	1840	2080	1883	1935	6.61	cps
Gadolinium	160-2	1520	1733	1723	1659	7.26	cps
Holmium	165-1	6071241	5968339	5948380	5995987	1.10	cps
Holmium	165-2	4527729	4525670	4506074	4519825	0.26	cps
Indium	115-1	5540543	5497885	5436758	5491729	0.95	cps
Indium	115-2	2033268	2017890	2033052	2028070	0.43	cps
Iron	56-2	10998756	10907856	10913024	10939878	0.47	cps
Iron	57-2	283973	282688	283535	283399	0.23	cps
Iron	54-2	634810	634234	631295	633446	0.30	cps
Krypton	83-1	313	300	253	289	10.91	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 21:08:13	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12586	13247	12619	12817	2.90	cps
Lead	207-1	11542	11869	11862	11757	1.59	cps
Lead	208-1	51569	52419	52109	52032	0.83	cps
Lithium	6-1	803339	802851	801127	802439	0.14	cps
Magnesium	24-2	179002	176764	178729	178165	0.69	cps
Manganese	55-2	196655	193914	196805	195791	0.83	cps
Molybdenum	94-1	2240	2244	2177	2220	1.69	cps
Molybdenum	95-1	333	307	290	310	7.05	cps
Molybdenum	96-1	657	793	643	698	11.90	cps
Molybdenum	97-1	163	203	177	181	11.25	cps
Molybdenum	98-1	383	363	430	392	8.72	cps
Neodymium	150-1	3691	3424	3457	3524	4.12	cps
Neodymium	150-2	2100	2117	2207	2141	2.68	cps
Nickel	60-2	2394	2440	2387	2407	1.21	cps
Phosphorus	31-2	1250	1197	1233	1227	2.22	cps
Potassium	39-2	246316	245623	248023	246654	0.50	cps
Rhodium	103-1	5371752	5346874	5377577	5365401	0.30	cps
Rhodium	103-2	3387062	3384729	3406414	3392735	0.35	cps
Scandium	45-1	3878234	3864192	3769836	3837421	1.54	cps
Scandium	45-2	348382	347058	349560	348333	0.36	cps
Selenium	82-1	331	326	366	341	6.46	cps
Selenium	77-2	7	23	3	11	96.43	cps
Selenium	78-2	380	363	397	380	4.39	cps
Silicon	28-1	1341090	1349880	1375181	1355384	1.31	cps
Silver	107-1	190	150	183	174	12.29	cps
Silver	109-1	160	170	157	162	4.28	cps
Sodium	23-2	61325	61097	61459	61294	0.30	cps
Strontium	86-1	9840	9717	9326	9628	2.78	cps
Strontium	88-1	77158	77771	78689	77873	0.99	cps
Sulfur	34-1	168737	168558	168574	168623	0.06	cps
Terbium	159-1	6409829	6247239	6245230	6300766	1.50	cps
Terbium	159-2	4545743	4453529	4510217	4503163	1.03	cps
Thallium	203-1	197	187	197	193	2.99	cps
Thallium	205-1	380	423	453	419	8.80	cps
Tin	118-1	1717	1550	1707	1658	5.64	cps
Titanium	47-1	67627	66817	67168	67204	0.60	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6L	Dilution Factor :	20
Date & Time Acquired :	2024-10-27 21:08:13	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	703	663	717	694	4.00	cps
Vanadium	51-2	19847	19860	20260	19989	1.18	cps
Yttrium	89-1	10263087	9897237	10103947	10088090	1.82	cps
Yttrium	89-2	2690352	2697052	2703442	2696948	0.24	cps
Zinc	66-2	10477	10367	10340	10395	0.70	cps
Zirconium	90-1	5634	5584	5825	5681	2.23	cps
Zirconium	91-1	1217	1220	1277	1238	2.72	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:11:33	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1607783	1623909	1636678	1622790	0.89	cps
Antimony	121-1	119676	121639	123501	121606	1.57	cps
Arsenic	75-2	14667	14504	14357	14509	1.07	cps
Barium	135-1	731242	745282	732831	736451	1.04	cps
Barium	137-1	1274905	1268814	1258378	1267365	0.66	cps
Beryllium	9-1	10994	11141	10737	10958	1.87	cps
Bismuth	209-1	3584180	3627198	3537020	3582800	1.26	cps
Bismuth	209-2	3262635	3172789	3207316	3214247	1.41	cps
Bromine	81-1	5795	5634	6018	5816	3.31	cps
Bromine	81-2	157	193	193	181	11.69	cps
Cadmium	108-1	997	1050	1027	1024	2.61	cps
Cadmium	106-1	3137	3114	2917	3056	3.96	cps
Cadmium	111-1	16042	16616	16865	16508	2.56	cps
Calcium	43-1	77015	78743	80086	78615	1.96	cps
Calcium	44-1	1202647	1272490	1242955	1239364	2.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	173774	172495	171278	172516	0.72	cps
Cobalt	59-2	550128	550322	546745	549065	0.37	cps
Copper	63-2	254868	253409	251295	253191	0.71	cps
Dysprosium	156-1	10758	10948	10611	10772	1.57	cps
Dysprosium	156-2	9470	9720	9507	9566	1.41	cps
Erbium	164-1	8813	9253	9307	9124	2.97	cps
Erbium	164-2	6372	6562	6598	6510	1.87	cps
Gadolinium	160-1	10217	10544	10431	10397	1.60	cps
Gadolinium	160-2	8182	7842	8012	8012	2.12	cps
Holmium	165-1	6095985	6180224	6038224	6104811	1.17	cps
Holmium	165-2	4521915	4501422	4602380	4541906	1.17	cps
Indium	115-1	5468529	5557092	5351759	5459127	1.89	cps
Indium	115-2	2064313	2045833	2020596	2043581	1.07	cps
Iron	56-2	58354874	57900277	58184644	58146599	0.39	cps
Iron	57-2	1441796	1465717	1468867	1458793	1.01	cps
Iron	54-2	3262458	3275998	3277443	3271966	0.25	cps
Krypton	83-1	287	270	220	259	13.40	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:11:33	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	77878	82485	80976	80446	2.92	cps
Lead	207-1	72294	72096	71487	71959	0.58	cps
Lead	208-1	317344	322826	323595	321255	1.06	cps
Lithium	6-1	800925	828366	812071	813787	1.70	cps
Magnesium	24-2	933685	939250	936225	936386	0.30	cps
Manganese	55-2	1265857	1261344	1259391	1262197	0.26	cps
Molybdenum	94-1	10557	10847	10951	10785	1.89	cps
Molybdenum	95-1	1173	1173	1197	1181	1.14	cps
Molybdenum	96-1	3484	3400	3640	3508	3.47	cps
Molybdenum	97-1	703	783	700	729	6.47	cps
Molybdenum	98-1	1793	1890	1893	1859	3.06	cps
Neodymium	150-1	18198	18142	18753	18364	1.84	cps
Neodymium	150-2	11461	11845	11898	11735	2.03	cps
Nickel	60-2	142385	139906	140306	140866	0.94	cps
Phosphorus	31-2	6088	5818	5831	5912	2.57	cps
Potassium	39-2	924637	922639	921077	922784	0.19	cps
Rhodium	103-1	5322205	5405386	5229656	5319082	1.65	cps
Rhodium	103-2	3381834	3386764	3382676	3383758	0.08	cps
Scandium	45-1	3899340	4002833	3829816	3910663	2.23	cps
Scandium	45-2	355523	352826	354299	354216	0.38	cps
Selenium	82-1	2449	2360	2422	2410	1.90	cps
Selenium	77-2	303	273	273	283	6.11	cps
Selenium	78-2	1100	1207	1100	1136	5.42	cps
Silicon	28-1	5145325	5158351	5068093	5123923	0.95	cps
Silver	107-1	55422	56727	60049	57399	4.16	cps
Silver	109-1	52552	52746	53180	52826	0.61	cps
Sodium	23-2	78767	79373	78378	78839	0.64	cps
Strontium	86-1	47861	47155	47175	47397	0.85	cps
Strontium	88-1	401228	403695	412305	405742	1.43	cps
Sulfur	34-1	175256	176441	174894	175530	0.46	cps
Terbium	159-1	6468507	6284324	6148698	6300510	2.55	cps
Terbium	159-2	4550268	4438526	4500321	4496372	1.24	cps
Thallium	203-1	42577	42657	41179	42137	1.97	cps
Thallium	205-1	97341	98057	101327	98909	2.15	cps
Tin	118-1	3397	3144	3337	3293	4.02	cps
Titanium	47-1	350944	353972	346556	350491	1.06	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6S	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:11:33	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3531	3851	3497	3626	5.38	cps
Vanadium	51-2	408858	406597	408144	407866	0.28	cps
Yttrium	89-1	9870469	10198009	10176621	10081700	1.82	cps
Yttrium	89-2	2773296	2762211	2765406	2766971	0.21	cps
Zinc	66-2	108608	106772	107893	107758	0.86	cps
Zirconium	90-1	27887	28464	28211	28187	1.03	cps
Zirconium	91-1	6218	6588	6225	6344	3.34	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:14:47	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1747121	1753263	1748674	1749686	0.18	cps
Antimony	121-1	458927	463323	465371	462540	0.71	cps
Arsenic	75-2	23669	24106	23606	23794	1.15	cps
Barium	135-1	2433299	2464970	2466468	2454913	0.76	cps
Barium	137-1	4223120	4245654	4242835	4237203	0.29	cps
Beryllium	9-1	39684	39550	39003	39412	0.92	cps
Bismuth	209-1	3576313	3562660	3503783	3547586	1.09	cps
Bismuth	209-2	3239846	3139095	3256849	3211930	1.98	cps
Bromine	81-1	5688	5931	5941	5853	2.45	cps
Bromine	81-2	187	163	183	178	7.10	cps
Cadmium	108-1	3941	4041	3884	3955	2.01	cps
Cadmium	106-1	6908	7025	6765	6899	1.89	cps
Cadmium	111-1	58363	58790	59423	58859	0.91	cps
Calcium	43-1	76706	76961	76786	76818	0.17	cps
Calcium	44-1	1199041	1212014	1206542	1205866	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	520918	534741	523514	526391	1.40	cps
Cobalt	59-2	1919305	1882858	1921435	1907866	1.14	cps
Copper	63-2	691237	709327	693423	697995	1.41	cps
Dysprosium	156-1	10277	10144	10784	10402	3.25	cps
Dysprosium	156-2	9587	9313	9563	9488	1.60	cps
Erbium	164-1	8743	8850	9000	8864	1.46	cps
Erbium	164-2	6798	6458	6408	6555	3.24	cps
Gadolinium	160-1	10301	10210	9880	10130	2.18	cps
Gadolinium	160-2	7819	7972	7842	7878	1.05	cps
Holmium	165-1	6086587	6135541	6150238	6124122	0.54	cps
Holmium	165-2	4623254	4508552	4539320	4557042	1.30	cps
Indium	115-1	5397785	5445962	5511301	5451683	1.05	cps
Indium	115-2	2098051	2020443	2124256	2080917	2.59	cps
Iron	56-2	59911246	58668496	58819931	59133224	1.15	cps
Iron	57-2	1492601	1458281	1458091	1469658	1.35	cps
Iron	54-2	3241616	3317301	3260754	3273224	1.20	cps
Krypton	83-1	350	267	217	278	24.25	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:14:47	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	116887	120454	119587	118976	1.56	cps
Lead	207-1	102812	105805	107091	105236	2.09	cps
Lead	208-1	466606	475152	474114	471958	0.99	cps
Lithium	6-1	808607	822601	822760	817989	0.99	cps
Magnesium	24-2	907608	929578	914911	917366	1.22	cps
Manganese	55-2	1853092	1863740	1853720	1856851	0.32	cps
Molybdenum	94-1	10584	10574	11562	10907	5.21	cps
Molybdenum	95-1	1163	1127	1243	1178	5.07	cps
Molybdenum	96-1	3407	3487	3614	3503	2.98	cps
Molybdenum	97-1	690	780	763	744	6.43	cps
Molybdenum	98-1	1693	1867	1757	1772	4.95	cps
Neodymium	150-1	17911	18469	18579	18320	1.95	cps
Neodymium	150-2	11121	11505	11098	11241	2.03	cps
Nickel	60-2	479530	471576	480792	477299	1.05	cps
Phosphorus	31-2	5868	5598	5981	5816	3.39	cps
Potassium	39-2	899744	913596	904724	906021	0.77	cps
Rhodium	103-1	5358822	5443266	5360875	5387654	0.89	cps
Rhodium	103-2	3423749	3403256	3375746	3400917	0.71	cps
Scandium	45-1	3865524	3969563	3910228	3915105	1.33	cps
Scandium	45-2	349049	350998	351993	350680	0.43	cps
Selenium	82-1	8832	9040	9048	8973	1.37	cps
Selenium	77-2	937	1007	863	936	7.66	cps
Selenium	78-2	3340	3404	3397	3380	1.03	cps
Silicon	28-1	5130207	5134420	5058987	5107871	0.83	cps
Silver	107-1	144950	152310	146492	147917	2.62	cps
Silver	109-1	140734	142333	141153	141407	0.59	cps
Sodium	23-2	78549	78083	78428	78353	0.31	cps
Strontium	86-1	46400	47236	46316	46651	1.09	cps
Strontium	88-1	399424	400186	401060	400224	0.20	cps
Sulfur	34-1	173900	174456	172862	173739	0.47	cps
Terbium	159-1	6299984	6303138	6385757	6329626	0.77	cps
Terbium	159-2	4602074	4442357	4617602	4554011	2.13	cps
Thallium	203-1	161455	165289	164348	163697	1.22	cps
Thallium	205-1	384708	385865	391505	387359	0.94	cps
Tin	118-1	3154	3511	3424	3363	5.53	cps
Titanium	47-1	339803	345181	342439	342475	0.79	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-27 21:14:47	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3380	3300	3741	3474	6.75	cps
Vanadium	51-2	1197506	1179753	1202950	1193403	1.02	cps
Yttrium	89-1	10158575	10074880	10025338	10086265	0.67	cps
Yttrium	89-2	2700899	2749397	2767069	2739122	1.25	cps
Zinc	66-2	260560	259321	258814	259565	0.35	cps
Zirconium	90-1	28067	28117	27903	28029	0.40	cps
Zirconium	91-1	6205	6241	6115	6187	1.05	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-04	Instrumnet Name :	P7
Client Sample ID :	MYDAR4	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:18:00	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7790694	7706930	7672272	7723299	0.79	cps
Antimony	121-1	7612	7309	7776	7565	3.13	cps
Arsenic	75-2	26434	26076	26754	26421	1.28	cps
Barium	135-1	571514	578497	575702	575238	0.61	cps
Barium	137-1	981350	989819	989355	986841	0.48	cps
Beryllium	9-1	1878	1828	1674	1794	5.93	cps
Bismuth	209-1	3556209	3557395	3557582	3557062	0.02	cps
Bismuth	209-2	3105338	3175641	3195204	3158727	1.50	cps
Bromine	81-1	6271	6708	6802	6594	4.29	cps
Bromine	81-2	450	373	493	439	13.85	cps
Cadmium	108-1	93	147	143	128	23.38	cps
Cadmium	106-1	2050	1973	1897	1973	3.89	cps
Cadmium	111-1	2170	2155	2061	2129	2.78	cps
Calcium	43-1	341908	343573	346717	344066	0.71	cps
Calcium	44-1	5345251	5422341	5371591	5379727	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	177083	177529	174642	176418	0.88	cps
Cobalt	59-2	182624	181370	180560	181518	0.57	cps
Copper	63-2	322551	317546	317596	319231	0.90	cps
Dysprosium	156-1	48895	49467	50624	49662	1.77	cps
Dysprosium	156-2	44731	44617	44089	44479	0.77	cps
Erbium	164-1	42729	43190	42886	42935	0.55	cps
Erbium	164-2	31222	31816	31288	31442	1.04	cps
Gadolinium	160-1	48514	49574	48751	48946	1.14	cps
Gadolinium	160-2	37437	37594	37330	37453	0.35	cps
Holmium	165-1	6025185	6170140	6133692	6109672	1.23	cps
Holmium	165-2	4553769	4605964	4641898	4600544	0.96	cps
Indium	115-1	5452504	5376164	5465647	5431439	0.89	cps
Indium	115-2	2089668	2050465	2067108	2069080	0.95	cps
Iron	56-2	292501356	288066089	286886076	289151173	1.02	cps
Iron	57-2	7234918	7129697	7067609	7144075	1.18	cps
Iron	54-2	16105409	16005034	16023487	16044644	0.33	cps
Krypton	83-1	363	370	323	352	7.17	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-04	Instrumnet Name :	P7
Client Sample ID :	MYDAR4	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:18:00	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	119742	121117	120041	120300	0.60	cps
Lead	207-1	99867	101123	101731	100907	0.94	cps
Lead	208-1	461923	466964	463670	464186	0.55	cps
Lithium	6-1	832044	832954	818588	827862	0.97	cps
Magnesium	24-2	4404107	4350988	4272402	4342499	1.53	cps
Manganese	55-2	3680988	3627608	3595911	3634835	1.18	cps
Molybdenum	94-1	35894	37007	36703	36535	1.57	cps
Molybdenum	95-1	3540	3654	3677	3624	2.02	cps
Molybdenum	96-1	11485	11368	11455	11436	0.53	cps
Molybdenum	97-1	2310	2084	2220	2205	5.18	cps
Molybdenum	98-1	5378	5394	5571	5448	1.97	cps
Neodymium	150-1	86617	87674	87955	87415	0.81	cps
Neodymium	150-2	54930	54374	54060	54455	0.81	cps
Nickel	60-2	53713	53104	53686	53501	0.64	cps
Phosphorus	31-2	24920	24209	23905	24345	2.14	cps
Potassium	39-2	2593462	2523305	2510631	2542466	1.75	cps
Rhodium	103-1	5396631	5246955	5394421	5346002	1.60	cps
Rhodium	103-2	3390571	3417819	3364587	3390992	0.78	cps
Scandium	45-1	4141585	4070408	4097063	4103019	0.88	cps
Scandium	45-2	374983	375146	369010	373046	0.94	cps
Selenium	82-1	370	425	558	451	21.45	cps
Selenium	77-2	133	227	187	182	25.70	cps
Selenium	78-2	523	517	550	530	3.33	cps
Silicon	28-1	21274966	21540872	21737226	21517688	1.08	cps
Silver	107-1	1460	1510	1397	1456	3.90	cps
Silver	109-1	1240	1357	1197	1265	6.55	cps
Sodium	23-2	164724	163559	163902	164062	0.37	cps
Strontium	86-1	197168	197617	200533	198439	0.92	cps
Strontium	88-1	1732154	1806481	1774340	1770992	2.10	cps
Sulfur	34-1	181085	181443	181673	181400	0.16	cps
Terbium	159-1	6371900	6383560	6450181	6401880	0.66	cps
Terbium	159-2	4549761	4571617	4505428	4542269	0.74	cps
Thallium	203-1	1337	1330	1353	1340	0.90	cps
Thallium	205-1	3184	3207	3100	3164	1.77	cps
Tin	118-1	7452	7629	7148	7410	3.28	cps
Titanium	47-1	1295025	1390742	1353362	1346376	3.58	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	P4309-04	Instrumnet Name :	P7
Client Sample ID :	MYDAR4	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:18:00	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14775	14958	14278	14670	2.40	cps
Vanadium	51-2	613905	602960	600627	605831	1.17	cps
Yttrium	89-1	10755017	10842721	10586698	10728145	1.21	cps
Yttrium	89-2	2947630	2911716	2910852	2923400	0.72	cps
Zinc	66-2	113437	113521	111006	112655	1.27	cps
Zirconium	90-1	93415	95055	94765	94412	0.93	cps
Zirconium	91-1	20781	21038	20982	20934	0.64	cps

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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:21:09	DataFile Name :	101CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8226770	8144898	8150999	8174223	0.56	cps
Antimony	121-1	3161806	3244816	3287952	3231524	1.98	cps
Arsenic	75-2	213313	211790	211728	212277	0.42	cps
Barium	135-1	3870724	4004029	3993914	3956222	1.88	cps
Barium	137-1	6712283	6867053	6880558	6819965	1.37	cps
Beryllium	9-1	510585	526575	529100	522087	1.92	cps
Bismuth	209-1	3420286	3499309	3410067	3443220	1.42	cps
Bismuth	209-2	3000612	3060842	2982148	3014534	1.37	cps
Bromine	81-1	5668	5871	5751	5763	1.77	cps
Bromine	81-2	57	93	107	86	30.26	cps
Cadmium	108-1	57791	58357	57313	57820	0.90	cps
Cadmium	106-1	82141	83227	81745	82371	0.93	cps
Cadmium	111-1	775612	787778	793095	785495	1.14	cps
Calcium	43-1	5020951	5089463	5056963	5055792	0.68	cps
Calcium	44-1	80856424	82347915	81065139	81423159	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1588756	1560116	1590828	1579900	1.09	cps
Cobalt	59-2	2435801	2437956	2440737	2438165	0.10	cps
Copper	63-2	17615002	17354809	17234880	17401564	1.12	cps
Dysprosium	156-1	260	253	240	251	4.06	cps
Dysprosium	156-2	247	273	283	268	7.08	cps
Erbium	164-1	177	150	127	151	16.56	cps
Erbium	164-2	137	117	100	118	15.59	cps
Gadolinium	160-1	97	150	153	133	23.85	cps
Gadolinium	160-2	223	210	290	241	17.78	cps
Holmium	165-1	5990815	6188078	6110511	6096468	1.63	cps
Holmium	165-2	4602056	4542598	4534611	4559755	0.81	cps
Indium	115-1	5220688	5247780	5268248	5245572	0.45	cps
Indium	115-2	1963226	1964193	1953208	1960209	0.31	cps
Iron	56-2	334487708	329372308	329582428	331147482	0.87	cps
Iron	57-2	8321440	8333232	8293930	8316201	0.24	cps
Iron	54-2	18555661	18258840	18372892	18395798	0.81	cps
Krypton	83-1	277	197	280	251	18.79	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:21:09	DataFile Name :	101CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9646853	9848223	9935310	9810129	1.51	cps
Lead	207-1	8336538	8571352	8691802	8533231	2.12	cps
Lead	208-1	38176370	39334916	39608023	39039770	1.95	cps
Lithium	6-1	790365	823919	820257	811514	2.27	cps
Magnesium	24-2	67354081	67062792	67563051	67326641	0.37	cps
Manganese	55-2	11276032	11079504	11191248	11182261	0.88	cps
Molybdenum	94-1	12740964	13025066	13168685	12978238	1.68	cps
Molybdenum	95-1	18626153	18745193	18914552	18761966	0.77	cps
Molybdenum	96-1	20268081	20621448	20421944	20437158	0.87	cps
Molybdenum	97-1	11363767	11702938	11644790	11570498	1.57	cps
Molybdenum	98-1	29633343	30050866	30077163	29920457	0.83	cps
Neodymium	150-1	177	170	177	174	2.21	cps
Neodymium	150-2	107	80	77	88	18.73	cps
Nickel	60-2	608820	603538	602570	604976	0.56	cps
Phosphorus	31-2	98155	96103	97645	97301	1.10	cps
Potassium	39-2	45744436	45852589	45681689	45759572	0.19	cps
Rhodium	103-1	5025204	5141492	5023098	5063265	1.34	cps
Rhodium	103-2	3203173	3204857	3177154	3195061	0.49	cps
Scandium	45-1	3833249	3832465	3773774	3813163	0.89	cps
Scandium	45-2	350465	351340	350813	350872	0.13	cps
Selenium	82-1	52741	54119	53655	53505	1.31	cps
Selenium	77-2	5738	5815	5381	5644	4.10	cps
Selenium	78-2	19029	18779	19283	19030	1.32	cps
Silicon	28-1	23127285	23795326	24029677	23650763	1.98	cps
Silver	107-1	4125081	4090092	4066324	4093832	0.72	cps
Silver	109-1	3730022	3889079	3899557	3839553	2.47	cps
Sodium	23-2	113625325	115109162	113395778	114043422	0.82	cps
Strontium	86-1	26809704	27747290	27797970	27451655	2.03	cps
Strontium	88-1	235938836	238776076	240842603	238519172	1.03	cps
Sulfur	34-1	493966	499244	494060	495757	0.61	cps
Terbium	159-1	6289788	6421659	6234734	6315394	1.52	cps
Terbium	159-2	4554605	4497429	4452534	4501523	1.14	cps
Thallium	203-1	2424580	2516447	2502948	2481325	2.00	cps
Thallium	205-1	5655210	5844307	5926766	5808761	2.40	cps
Tin	118-1	2520957	2532607	2603858	2552474	1.76	cps
Titanium	47-1	5314077	5466227	5442807	5407704	1.51	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:21:09	DataFile Name :	101CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7247541	7433661	7401075	7360759	1.35	cps
Vanadium	51-2	1436558	1418764	1426537	1427287	0.63	cps
Yttrium	89-1	9607176	10185799	9957571	9916849	2.94	cps
Yttrium	89-2	2665866	2647706	2658351	2657307	0.34	cps
Zinc	66-2	2917437	2879485	2897515	2898146	0.66	cps
Zirconium	90-1	5914626	6097739	6067413	6026593	1.63	cps
Zirconium	91-1	1303578	1327668	1325957	1319068	1.02	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:24:27	DataFile Name :	102CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	547	657	657	620	10.24	cps
Antimony	121-1	1790	1910	2064	1921	7.13	cps
Arsenic	75-2	13	7	7	9	43.25	cps
Barium	135-1	230	170	147	182	23.59	cps
Barium	137-1	330	330	250	303	15.23	cps
Beryllium	9-1	87	87	57	77	22.58	cps
Bismuth	209-1	3440119	3389401	3383719	3404413	0.91	cps
Bismuth	209-2	3082653	3039093	3071810	3064518	0.74	cps
Bromine	81-1	5068	4958	5014	5013	1.10	cps
Bromine	81-2	97	103	70	90	19.60	cps
Cadmium	108-1	10	10	17	12	31.50	cps
Cadmium	106-1	1523	1427	1400	1450	4.48	cps
Cadmium	111-1	1116	1052	1008	1059	5.12	cps
Calcium	43-1	693	713	670	692	3.13	cps
Calcium	44-1	26834	26373	26387	26531	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1100	940	867	969	12.32	cps
Cobalt	59-2	137	137	143	139	2.77	cps
Copper	63-2	1187	997	1067	1083	8.87	cps
Dysprosium	156-1	67	60	87	71	19.52	cps
Dysprosium	156-2	10	27	30	22	48.22	cps
Erbium	164-1	53	20	43	39	43.98	cps
Erbium	164-2	47	20	50	39	42.28	cps
Gadolinium	160-1	37	37	33	36	5.42	cps
Gadolinium	160-2	133	157	170	153	12.10	cps
Holmium	165-1	5585840	5775422	5809506	5723589	2.11	cps
Holmium	165-2	4370097	4325738	4389485	4361773	0.75	cps
Indium	115-1	5175366	5216214	5291036	5227539	1.12	cps
Indium	115-2	1946262	1952250	1967123	1955212	0.55	cps
Iron	56-2	23054	21672	21649	22125	3.64	cps
Iron	57-2	3260	3234	3024	3173	4.09	cps
Iron	54-2	2410	2297	2330	2346	2.48	cps
Krypton	83-1	277	243	227	249	10.23	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:24:27	DataFile Name :	102CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1033	863	843	913	11.43	cps
Lead	207-1	937	820	803	853	8.51	cps
Lead	208-1	4014	3650	3467	3710	7.50	cps
Lithium	6-1	749203	743041	770950	754398	1.94	cps
Magnesium	24-2	2017	1710	1653	1793	10.90	cps
Manganese	55-2	727	597	613	646	10.96	cps
Molybdenum	94-1	1750	1600	1370	1573	12.17	cps
Molybdenum	95-1	1063	857	870	930	12.44	cps
Molybdenum	96-1	1410	1207	1093	1237	12.98	cps
Molybdenum	97-1	610	577	600	596	2.87	cps
Molybdenum	98-1	1733	1433	1490	1552	10.27	cps
Neodymium	150-1	3	10	17	10	66.70	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	160	113	130	134	17.59	cps
Phosphorus	31-2	160	167	190	172	9.15	cps
Potassium	39-2	93723	93334	94095	93717	0.41	cps
Rhodium	103-1	5091980	5181109	5106437	5126509	0.93	cps
Rhodium	103-2	3283529	3222122	3259089	3254913	0.95	cps
Scandium	45-1	3563368	3618191	3652357	3611305	1.24	cps
Scandium	45-2	331388	328516	332374	330759	0.61	cps
Selenium	82-1	372	355	382	370	3.62	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	400	313	343	352	12.50	cps
Silicon	28-1	381067	382398	383693	382386	0.34	cps
Silver	107-1	417	333	307	352	16.29	cps
Silver	109-1	400	327	317	348	13.08	cps
Sodium	23-2	64595	63738	62948	63760	1.29	cps
Strontium	86-1	1410	1100	1077	1196	15.56	cps
Strontium	88-1	8526	6588	5664	6926	21.08	cps
Sulfur	34-1	217046	216004	215843	216298	0.30	cps
Terbium	159-1	5840022	5925927	6047152	5937700	1.75	cps
Terbium	159-2	4295389	4327460	4349579	4324143	0.63	cps
Thallium	203-1	353	300	340	331	8.38	cps
Thallium	205-1	1037	857	750	881	16.44	cps
Tin	118-1	1590	1857	1803	1750	8.06	cps
Titanium	47-1	410	360	343	371	9.35	cps

Reviewed By:Mohan
On:10/28/2024 4:54:16 PM
Inst Id :P7

LB Number :	LB133170	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-27 21:24:27	DataFile Name :	102CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	247	193	163	201	20.99	cps
Vanadium	51-2	60	27	40	42	39.73	cps
Yttrium	89-1	9384018	9324646	9290819	9333161	0.51	cps
Yttrium	89-2	2596615	2564843	2562511	2574656	0.74	cps
Zinc	66-2	797	807	767	790	2.63	cps
Zirconium	90-1	3434	2557	2570	2854	17.61	cps
Zirconium	91-1	770	550	597	639	18.14	cps

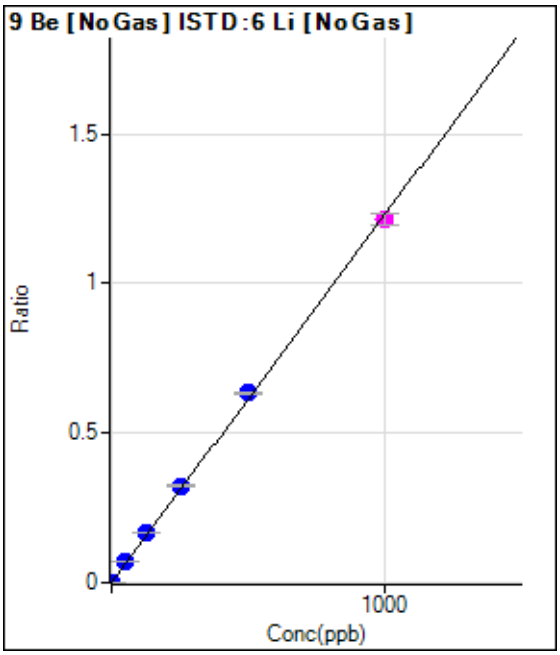
Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

Calibration for 077SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102824MS1.b\
Analysis File: P7102824MS1.batch.bin
DA Date-Time: 2024-10-28 17:50:56
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-28 13:22:42
2	005CALS.d	S02	2024-10-28 13:26:03
3	006CALS.d	S03	2024-10-28 13:29:25
4	007CALS.d	S04	2024-10-28 13:32:34
5	008CALS.d	S05	2024-10-28 13:35:35
6	009CALS.d	S06	2024-10-28 13:38:27
7	010CALS.d	S07	2024-10-28 13:41:15
8	011CALS.d	S08	2024-10-28 13:44:01

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.45	0.0000	P	14.2
2	☐	1.000	1.021	934.48	0.0013	P	1.7
3	☐	50.000	56.973	49761.69	0.0701	P	3.6
4	☐	125.000	135.651	126498.91	0.1668	P	1.2
5	☐	250.000	263.293	260756.78	0.3237	P	1.8
6	☐	500.000	515.898	531507.38	0.6341	P	1.0
7	☐	1000.000	987.048	1040384.73	1.2132	M	3.2
8	☐			210.00	0.0003	P	8.9

y = 0.0012 * x + 3.2936E-005

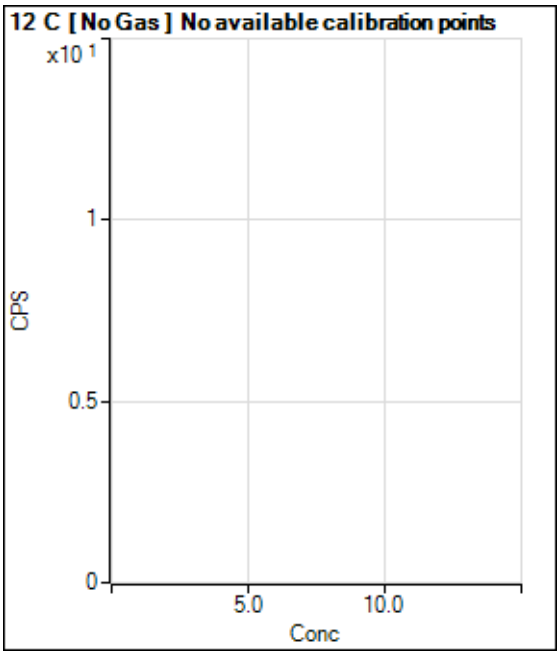
R = 0.9997

DL = 0.01141

BEC = 0.0268

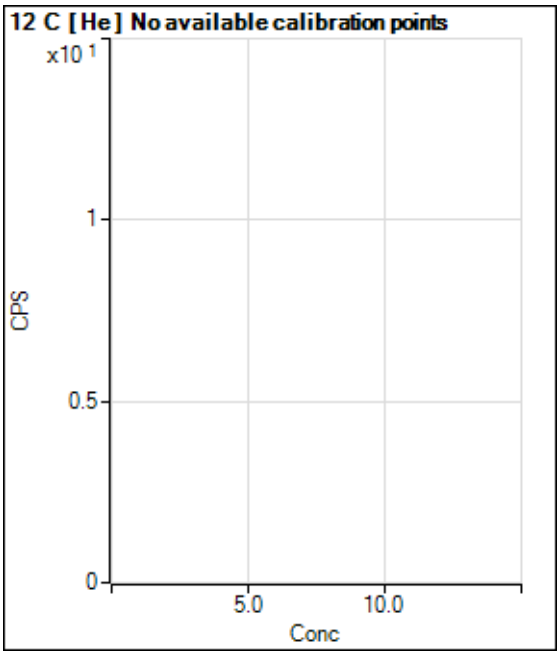
Weight: <None>

Min Conc: 0

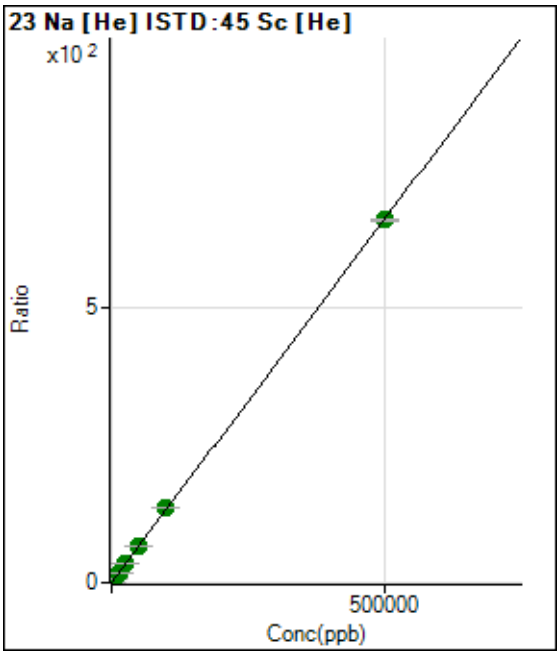


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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On:10/28/2024 7:23:46 PM
Inst Id :P7



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

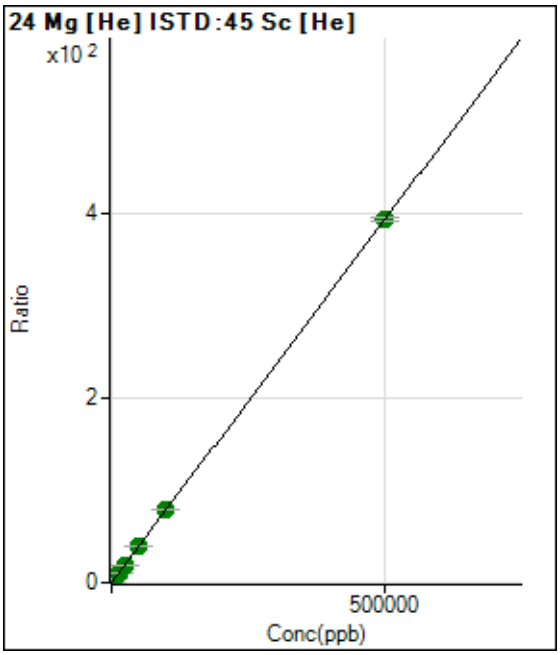


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44242.26	0.1376	P	0.8
2	☐	500.000	496.632	255754.64	0.7947	P	0.6
3	☐	5000.000	5156.377	2217445.82	6.9601	A	0.5
4	☐	12500.000	12773.316	5469115.23	17.0383	A	0.4
5	☐	25000.000	25762.220	10910640.11	34.2242	A	0.7
6	☐	50000.000	50807.262	21593824.26	67.3618	A	2.0
7	☐	100000.00	102990.83	42747753.25	136.4070	A	0.7
8	☐	500000.00	499274.60	210254265.7	660.7384	A	0.3

y = 0.0013 * x + 0.1376
R = 1.0000
DL = 2.457
BEC = 104

Weight: <None>
Min Conc: 0

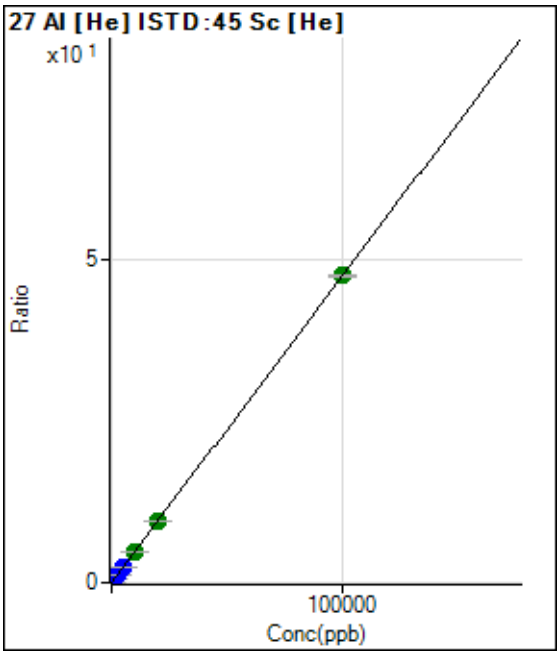
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On:10/28/2024 7:23:46 PM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	707.80	0.0022	P	8.4
2	☐	500.000	515.817	131236.33	0.4078	P	1.0
3	☐	5000.000	5084.501	1274410.13	4.0002	A	0.1
4	☐	12500.000	12491.995	3153665.78	9.8247	A	0.8
5	☐	25000.000	25059.739	6282524.42	19.7068	A	0.5
6	☐	50000.000	49485.688	12474005.51	38.9130	A	1.3
7	☐	100000.00	99577.246	24538393.25	78.3002	A	0.3
8	☐	500000.00	500132.33	125136772.5	393.2584	A	1.1

y = 7.8630E-004 * x + 0.0022
R = 1.0000
DL = 0.7089
BEC = 2.799

Weight: <None>
Min Conc: 0

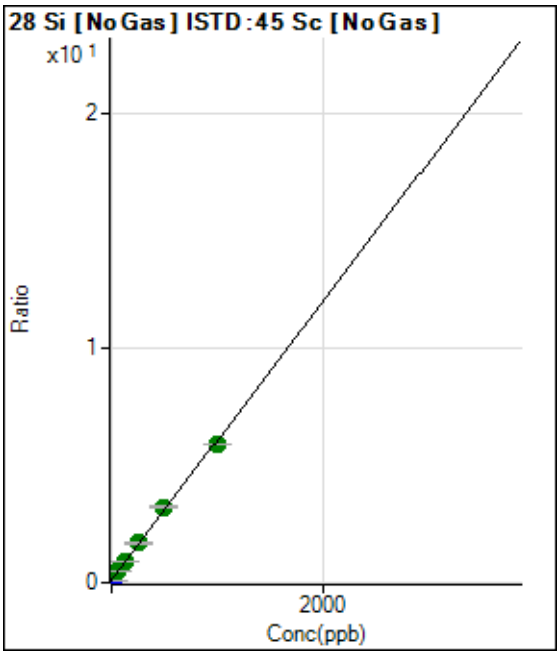


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.34	0.0009	P	9.6
2	☐	20.000	19.386	3241.50	0.0101	P	0.2
3	☐	1000.000	1218.309	184299.24	0.5785	P	0.8
4	☐	2500.000	2705.088	411943.67	1.2833	P	0.8
5	☐	5000.000	5185.004	783949.67	2.4591	P	0.4
6	☐	10000.000	9915.382	1507245.58	4.7017	A	0.9
7	☐	20000.000	20203.527	3002069.92	9.5793	A	0.8
8	☐	100000.00	99951.196	15079456.30	47.3872	A	0.5

y = 4.7409E-004 * x + 8.8150E-004
R = 1.0000
DL = 0.5364
BEC = 1.859

Weight: <None>
Min Conc: 0

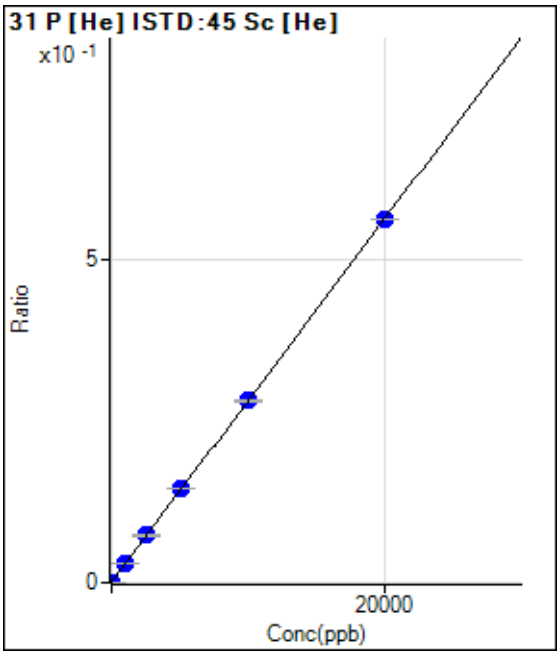
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	387509.57	0.1066	P	1.7
2	☐	10.000	1.127	406013.31	0.1133	P	0.6
3	☐	50.000	59.173	1616688.53	0.4572	A	2.3
4	☐	125.000	130.265	3157853.01	0.8785	A	0.6
5	☐	250.000	265.900	6090213.10	1.6822	A	1.7
6	☐	500.000	526.350	11775888.71	3.2255	A	2.5
7	☐	1000.000	981.822	21427722.46	5.9245	A	0.6
8	☐			418767.81	0.1162	P	1.8

y = 0.0059 * x + 0.1066
R = 0.9992
DL = 0.9008
BEC = 17.99

Weight: <None>
Min Conc: 0

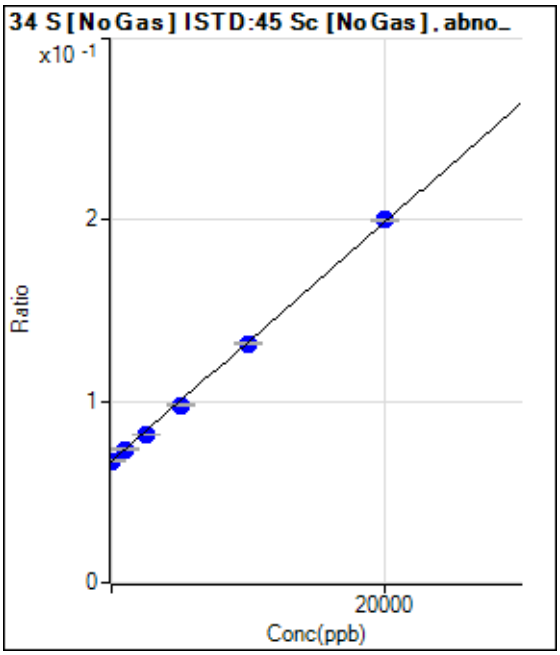


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-14.521	131.11	0.0004	P	7.9
2	☐	0.000	14.521	394.45	0.0012	P	11.6
3	☐	1000.000	1028.905	9486.36	0.0298	P	1.4
4	☐	2500.000	2577.100	23544.88	0.0734	P	1.0
5	☐	5000.000	5161.149	46570.61	0.1461	P	0.5
6	☐	10000.000	9990.262	90393.78	0.2820	P	1.6
7	☐	20000.000	19953.499	176256.62	0.5624	P	0.1
8	☐			214.45	0.0007	P	8.3

y = 2.8145E-005 * x + 8.1656E-004
R = 1.0000
DL = 9.326
BEC = 29.01

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-30.519	243280.54	0.0669	P	1.3
2	☐	0.000	30.519	241277.30	0.0673	P	1.5
3	☐	1000.000	994.865	260441.90	0.0737	P	2.4
4	☐	2500.000	2143.577	291944.43	0.0812	P	0.2
5	☐	5000.000	4691.890	354738.03	0.0980	P	0.8
6	☐	10000.000	9841.452	481469.24	0.1319	P	1.0
7	☐	20000.000	20201.111	723386.21	0.2000	P	0.2
8	☐			213653.07	0.0593	P	1.9

y = 6.5785E-006 * x + 0.0671

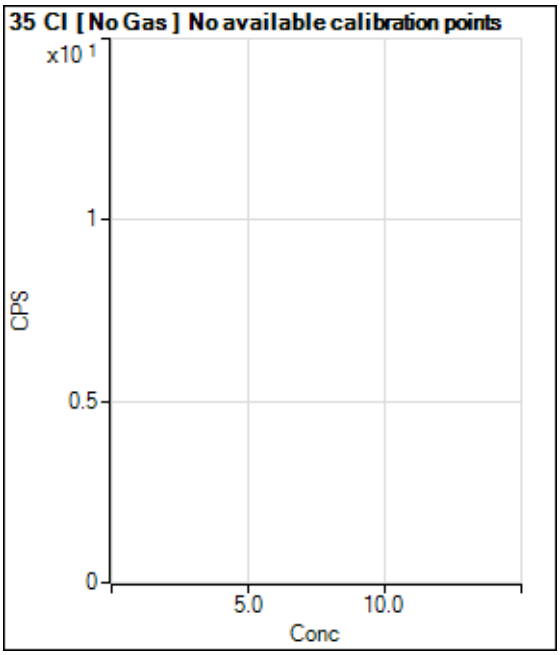
R = 0.9997

DL = 427.9

BEC = 1.02E+04

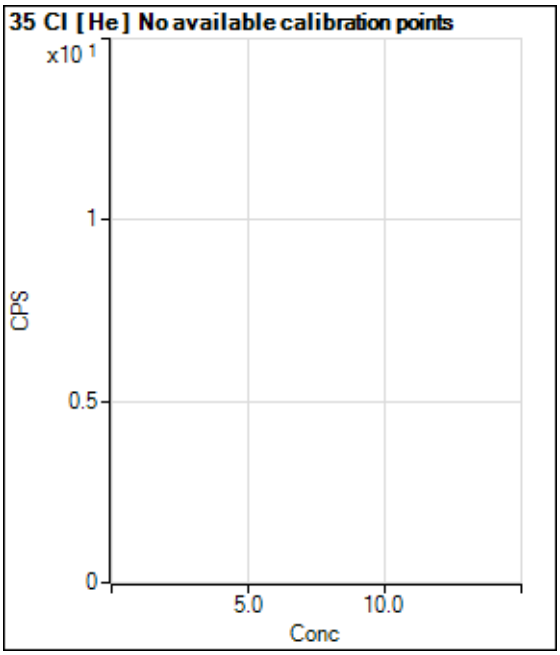
Weight: <None>

Min Conc: 0

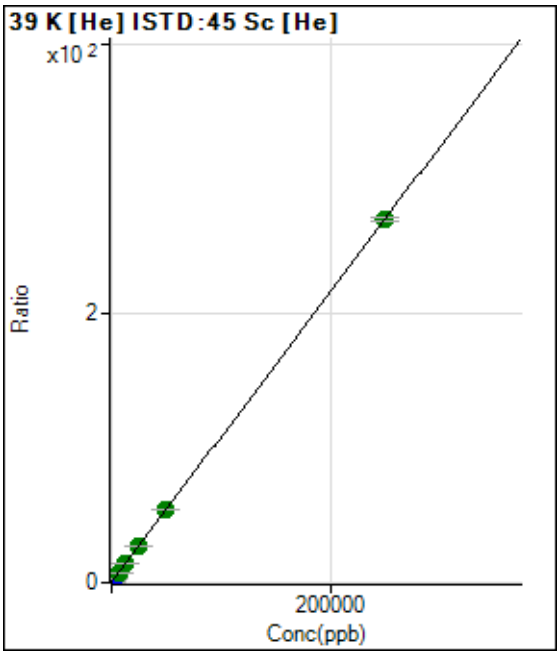


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

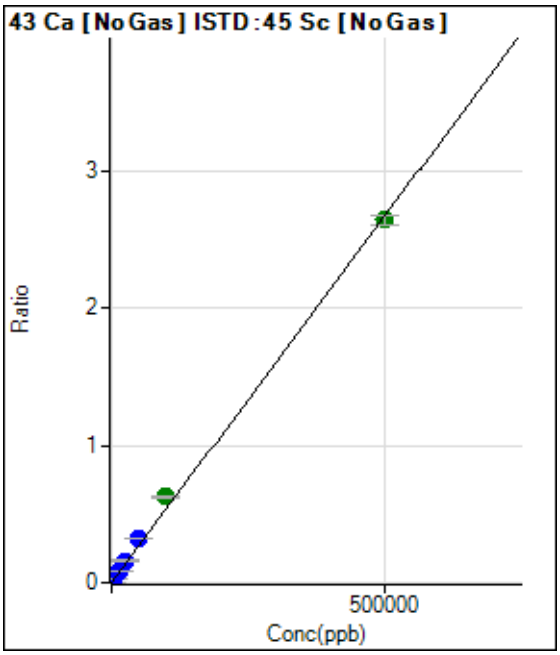


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91065.62	0.2833	P	1.8
2	☐	500.000	501.364	265127.13	0.8238	P	0.7
3	☐	2500.000	2754.693	1036459.69	3.2534	P	1.0
4	☐	6250.000	6420.192	2312922.40	7.2055	A	1.7
5	☐	12500.000	12880.036	4517549.34	14.1704	A	0.3
6	☐	25000.000	25151.611	8783878.83	27.4015	A	1.3
7	☐	50000.000	49899.299	16949968.91	54.0843	A	0.5
8	☐	250000.00	249979.17	85854147.61	269.8088	A	1.1

y = 0.0011 * x + 0.2833
R = 1.0000
DL = 14.43
BEC = 262.7

Weight: <None>
Min Conc: 0

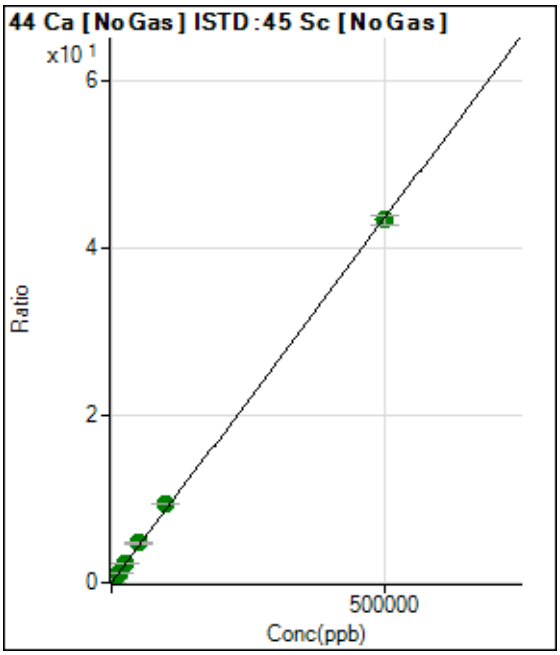
Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	343.34	0.0001	P	5.7
2	☐	500.000	502.004	9947.81	0.0028	P	1.6
3	☐	5000.000	6197.743	117414.70	0.0332	P	1.0
4	☐	12500.000	15114.852	290513.93	0.0808	P	0.6
5	☐	25000.000	30160.056	583478.46	0.1612	P	1.4
6	☐	50000.000	59980.573	1169813.12	0.3204	P	2.3
7	☐	100000.00	116925.59	2258681.61	0.6245	A	1.2
8	☐	500000.00	495281.47	9534072.29	2.6451	A	2.6

y = 5.3405E-006 * x + 9.4380E-005
R = 0.9993
DL = 2.997
BEC = 17.67

Weight: <None>
Min Conc: 0

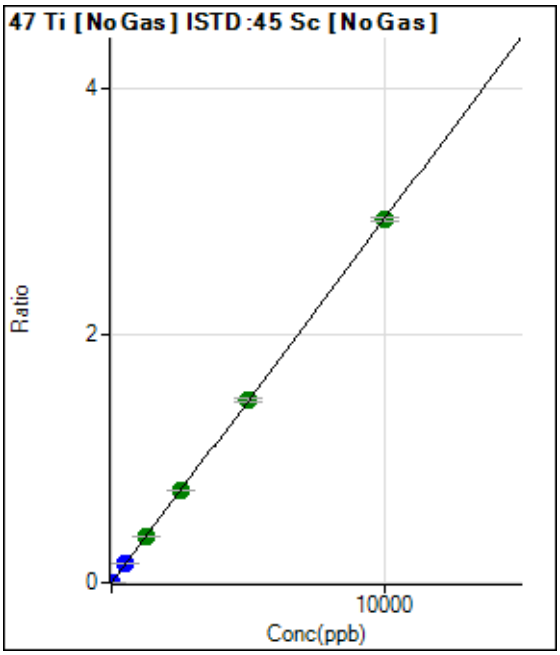


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18665.24	0.0051	P	1.2
2	☐	500.000	509.978	177368.79	0.0495	P	1.0
3	☐	5000.000	5566.110	1729919.45	0.4892	A	1.3
4	☐	12500.000	13755.454	4318597.65	1.2013	A	1.6
5	☐	25000.000	27509.711	8679898.48	2.3974	A	0.6
6	☐	50000.000	54260.446	17248158.08	4.7236	A	1.6
7	☐	100000.00	108117.80	34026846.72	9.4071	A	1.4
8	☐	500000.00	497787.85	156049683.2	43.2930	A	2.3

y = 8.6960E-005 * x + 0.0051
R = 0.9998
DL = 2.131
BEC = 59.04

Weight: <None>
Min Conc: 0

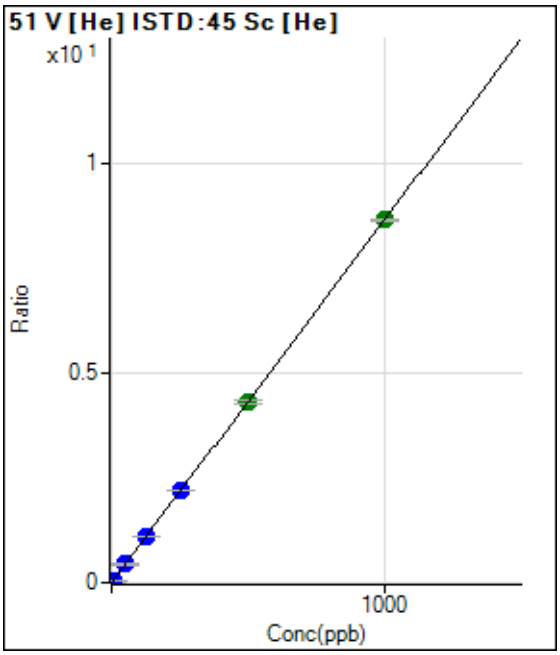
Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	151.12	0.0000	P	10.2
2	☐	5.000	4.372	4760.79	0.0013	P	3.4
3	☐	500.000	510.894	531827.54	0.1504	P	2.5
4	☐	1250.000	1257.344	1330440.15	0.3701	A	0.4
5	☐	2500.000	2551.167	2718787.16	0.7509	A	0.7
6	☐	5000.000	5021.639	5396047.98	1.4780	A	2.6
7	☐	10000.000	9974.926	10619411.78	2.9359	A	0.9
8	☐			1795.68	0.0005	P	6.4

y = 2.9433E-004 * x + 4.1536E-005
R = 1.0000
DL = 0.04331
BEC = 0.1411

Weight: <None>
Min Conc: 0

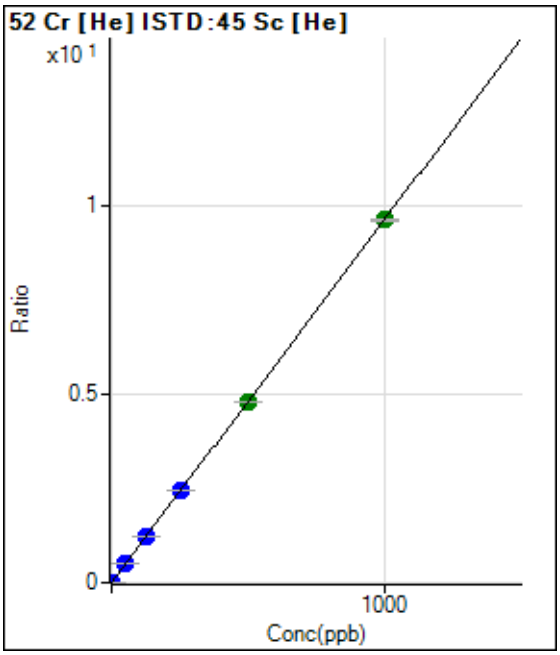


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	57.6
2	☐	5.000	4.815	13443.85	0.0418	P	1.4
3	☐	50.000	50.559	139653.68	0.4384	P	0.9
4	☐	125.000	127.154	353864.96	1.1024	P	0.7
5	☐	250.000	253.743	701332.10	2.1999	P	0.7
6	☐	500.000	497.147	1381550.99	4.3102	A	2.3
7	☐	1000.000	1000.195	2717457.55	8.6714	A	0.9
8	☐			617.80	0.0019	P	12.4

y = 0.0087 * x + 2.7655E-005
R = 1.0000
DL = 0.00551
BEC = 0.00319

Weight: <None>
Min Conc: 0

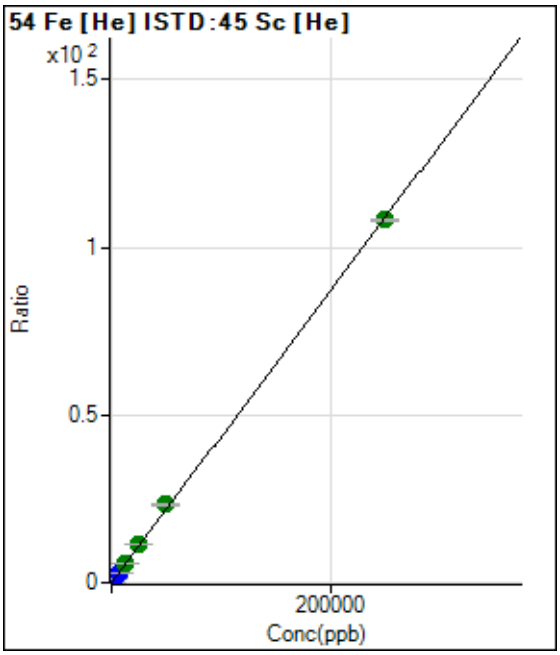
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	712.25	0.0022	P	2.1
2	☐	2.000	1.990	6868.29	0.0213	P	1.8
3	☐	50.000	51.438	158230.92	0.4967	P	1.8
4	☐	125.000	127.851	395223.38	1.2313	P	1.1
5	☐	250.000	254.230	779846.02	2.4462	P	0.4
6	☐	500.000	497.813	1534860.53	4.7878	A	0.6
7	☐	1000.000	999.608	3012119.50	9.6116	A	0.6
8	☐			10328.13	0.0325	P	5.5

y = 0.0096 * x + 0.0022
R = 1.0000
DL = 0.01482
BEC = 0.2304

Weight: <None>
Min Conc: 0

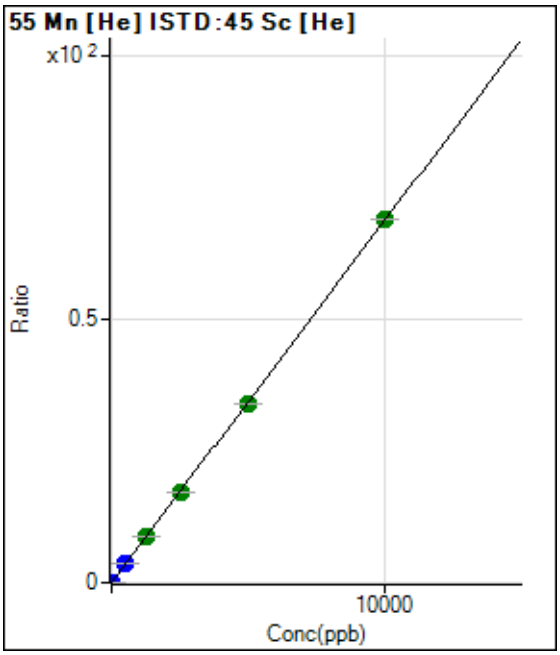


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1635.66	0.0051	P	7.5
2	☐	50.000	51.966	8898.26	0.0277	P	1.1
3	☐	2500.000	2842.970	394838.41	1.2394	P	0.5
4	☐	6250.000	7030.536	981384.54	3.0574	P	0.6
5	☐	12500.000	13381.833	1853734.94	5.8147	A	1.0
6	☐	25000.000	26483.205	3687362.34	11.5026	A	1.0
7	☐	50000.000	53503.940	7281068.43	23.2335	A	0.4
8	☐	250000.00	249083.85	34412480.32	108.1436	A	0.3

y = 4.3414E-004 * x + 0.0051
R = 0.9999
DL = 2.653
BEC = 11.72

Weight: <None>
Min Conc: 0

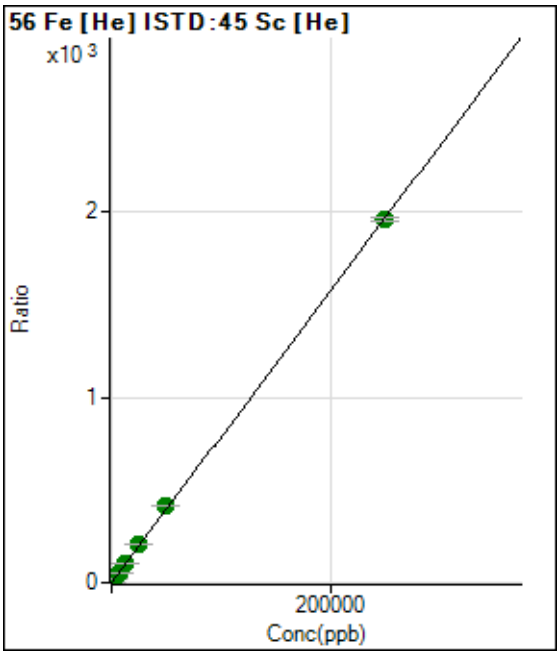
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	381.12	0.0012	P	6.5
2	☐	1.000	0.984	2554.69	0.0079	P	2.2
3	☐	500.000	514.454	1125042.38	3.5314	P	0.7
4	☐	1250.000	1267.765	2792840.10	8.7007	A	0.5
5	☐	2500.000	2500.590	5470747.90	17.1604	A	0.5
6	☐	5000.000	4940.488	10868753.86	33.9032	A	0.5
7	☐	10000.000	10026.665	21562875.79	68.8049	A	0.1
8	☐			11700.17	0.0368	P	1.6

y = 0.0069 * x + 0.0012
R = 1.0000
DL = 0.03383
BEC = 0.1728

Weight: <None>
Min Conc: 0

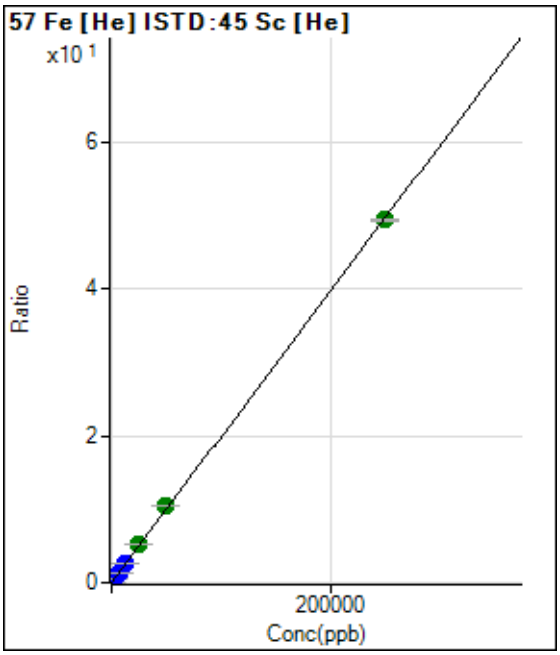


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12442.99	0.0387	P	1.3
2	☐	50.000	52.114	144051.81	0.4476	P	1.1
3	☐	2500.000	2676.478	6702792.88	21.0393	A	0.4
4	☐	6250.000	6636.955	16728192.67	52.1146	A	0.7
5	☐	12500.000	13241.244	33134028.40	103.9341	A	1.1
6	☐	25000.000	26094.100	65644534.58	204.7821	A	1.2
7	☐	50000.000	52643.515	129460710.2	413.0981	A	0.4
8	☐	250000.00	249313.38	622484746.2	1,956.238	A	0.9

y = 0.0078 * x + 0.0387
R = 0.9999
DL = 0.1938
BEC = 4.932

Weight: <None>
Min Conc: 0

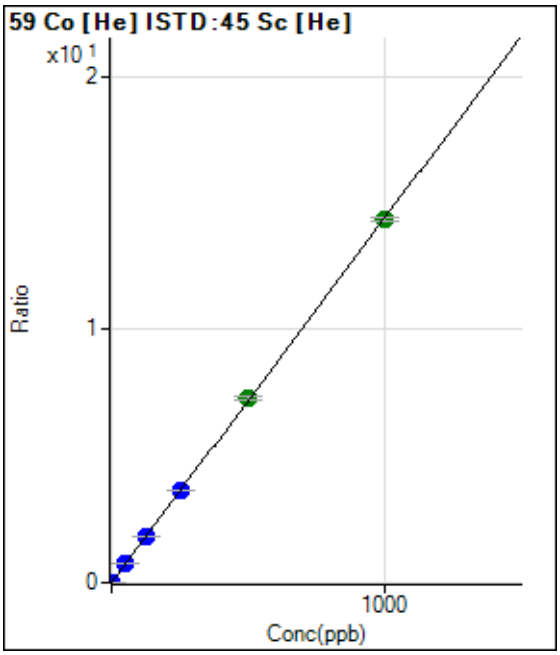
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3130.36	0.0097	P	2.9
2	☐	50.000	52.366	6470.33	0.0201	P	0.4
3	☐	2500.000	2754.652	176868.58	0.5552	P	1.3
4	☐	6250.000	6873.962	440033.03	1.3709	P	0.4
5	☐	12500.000	13677.145	866488.61	2.7180	P	0.6
6	☐	25000.000	25974.543	1651911.82	5.1530	A	1.1
7	☐	50000.000	52540.805	3263407.38	10.4134	A	0.7
8	☐	250000.00	249317.38	15712458.24	49.3775	A	0.3

y = 1.9801E-004 * x + 0.0097
R = 0.9999
DL = 4.211
BEC = 49.17

Weight: <None>
Min Conc: 0

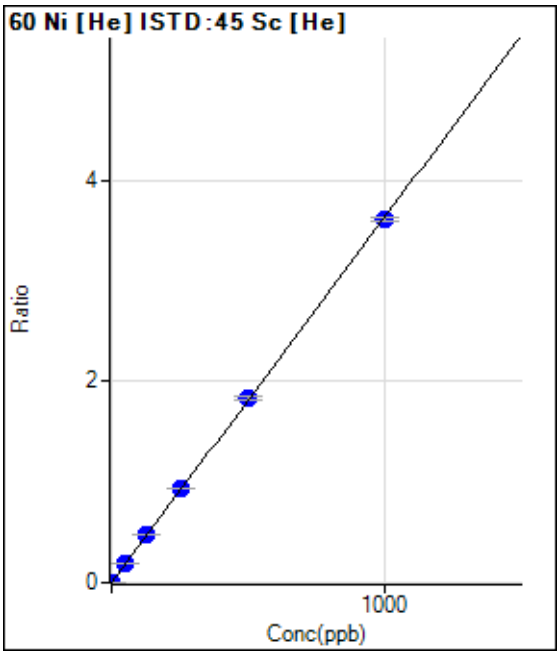


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0002	P	9.0
2	☐	1.000	1.020	4789.70	0.0149	P	4.2
3	☐	50.000	51.456	236171.02	0.7413	P	1.3
4	☐	125.000	127.631	590146.39	1.8385	P	0.3
5	☐	250.000	253.281	1163077.19	3.6483	P	0.6
6	☐	500.000	505.975	2335934.63	7.2879	A	2.4
7	☐	1000.000	995.791	4494775.31	14.3429	A	1.2
8	☐			12038.23	0.0378	P	3.4

y = 0.0144 * x + 1.9017E-004
R = 1.0000
DL = 0.003577
BEC = 0.0132

Weight: <None>
Min Conc: 0

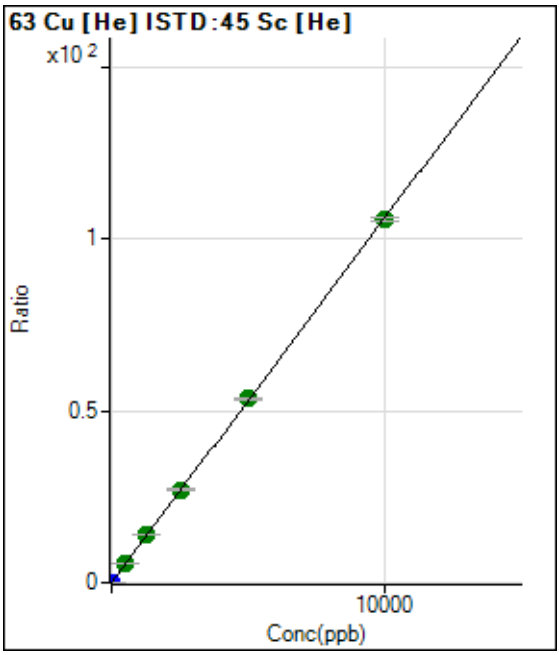
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0003	P	4.5
2	☐	1.000	1.022	1291.18	0.0040	P	2.0
3	☐	50.000	53.020	61409.61	0.1928	P	0.7
4	☐	125.000	130.309	151928.20	0.4733	P	0.6
5	☐	250.000	258.560	299303.70	0.9388	P	0.7
6	☐	500.000	507.011	590027.43	1.8407	P	1.8
7	☐	1000.000	993.540	1130271.82	3.6067	P	1.0
8	☐			5289.87	0.0166	P	3.4

y = 0.0036 * x + 3.0406E-004
R = 0.9999
DL = 0.01119
BEC = 0.08377

Weight: <None>
Min Conc: 0

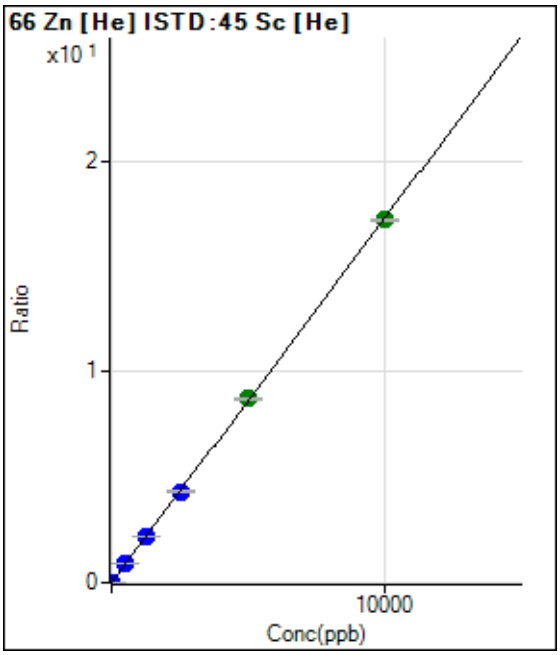


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	473.35	0.0015	P	6.4
2	☐	2.000	1.772	6510.36	0.0202	P	1.6
3	☐	500.000	515.289	1738490.83	5.4572	A	1.7
4	☐	1250.000	1297.583	4410397.71	13.7400	A	0.4
5	☐	2500.000	2557.104	8631657.86	27.0755	A	0.7
6	☐	5000.000	5041.943	17113068.63	53.3844	A	1.0
7	☐	10000.000	9958.040	33041253.12	105.4349	A	1.0
8	☐			8296.81	0.0261	P	0.2

y = 0.0106 * x + 0.0015
R = 1.0000
DL = 0.0269
BEC = 0.1391

Weight: <None>
Min Conc: 0

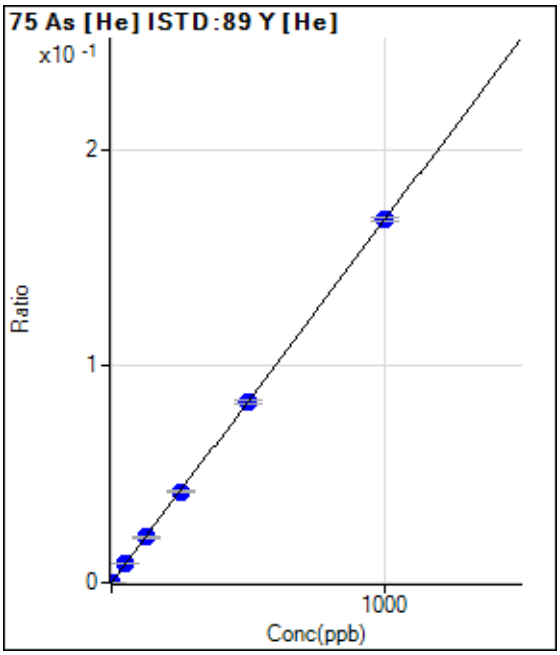
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	640.02	0.0020	P	7.4
2	☐	2.000	4.695	3250.39	0.0101	P	1.9
3	☐	500.000	508.254	280323.42	0.8799	P	0.3
4	☐	1250.000	1263.245	701040.38	2.1840	P	0.2
5	☐	2500.000	2505.793	1380485.95	4.3302	P	0.4
6	☐	5000.000	5065.774	2805960.86	8.7521	A	0.9
7	☐	10000.000	9963.596	5394078.95	17.2121	A	0.3
8	☐			6084.63	0.0191	P	1.3

y = 0.0017 * x + 0.0020
R = 1.0000
DL = 0.2571
BEC = 1.152

Weight: <None>
Min Conc: 0

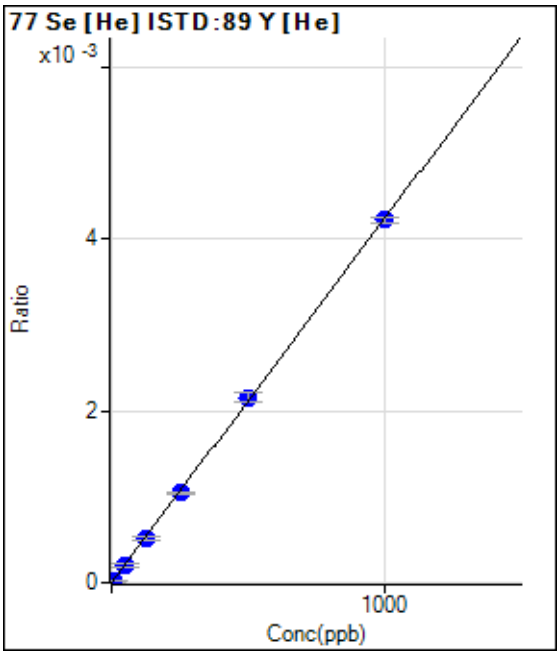


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	88.9
2	☐	1.000	0.980	420.01	0.0002	P	2.2
3	☐	50.000	50.552	21158.51	0.0085	P	0.5
4	☐	125.000	125.385	53017.61	0.0210	P	2.4
5	☐	250.000	251.484	106347.39	0.0421	P	1.0
6	☐	500.000	499.032	211038.04	0.0836	P	2.7
7	☐	1000.000	1000.038	414343.80	0.1676	P	1.1
8	☐			218.89	0.0001	P	2.8

y = 1.6756E-004 * x + 3.1175E-006
R = 1.0000
DL = 0.04963
BEC = 0.01861

Weight: <None>
Min Conc: 0

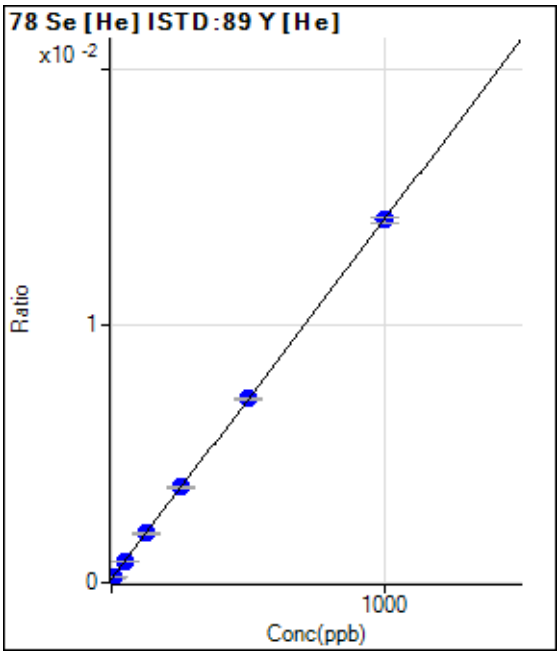
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.396	47.78	0.0000	P	18.3
3	☐	50.000	47.980	508.90	0.0002	P	16.3
4	☐	125.000	122.646	1312.29	0.0005	P	6.7
5	☐	250.000	246.478	2634.71	0.0010	P	2.4
6	☐	500.000	509.058	5442.15	0.0022	P	4.9
7	☐	1000.000	996.750	10435.97	0.0042	P	1.7
8	☐			5.55	0.0000	P	69.1

y = 4.2340E-006 * x + 4.4177E-007
R = 0.9999
DL = 0.5422
BEC = 0.1043

Weight: <None>
Min Conc: 0

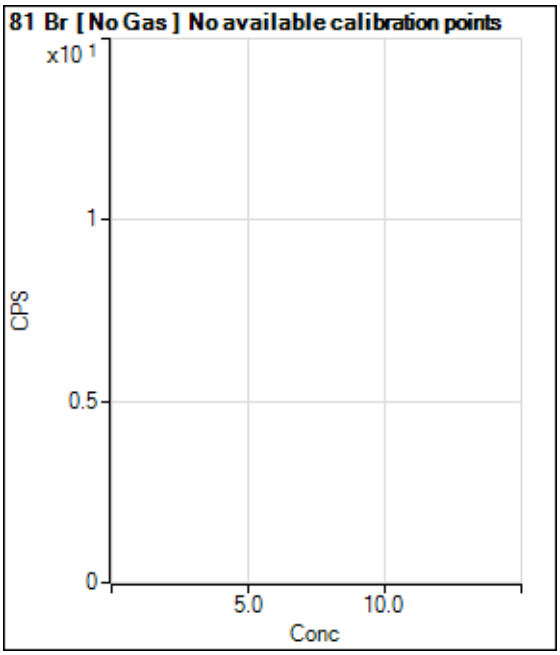


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	364.45	0.0001	P	7.6
2	☐	5.000	4.745	531.13	0.0002	P	2.8
3	☐	50.000	49.025	2074.61	0.0008	P	6.6
4	☐	125.000	126.139	4821.94	0.0019	P	2.7
5	☐	250.000	255.129	9376.36	0.0037	P	2.9
6	☐	500.000	500.647	18056.66	0.0072	P	0.5
7	☐	1000.000	998.302	34905.55	0.0141	P	1.3
8	☐			354.45	0.0001	P	14.2

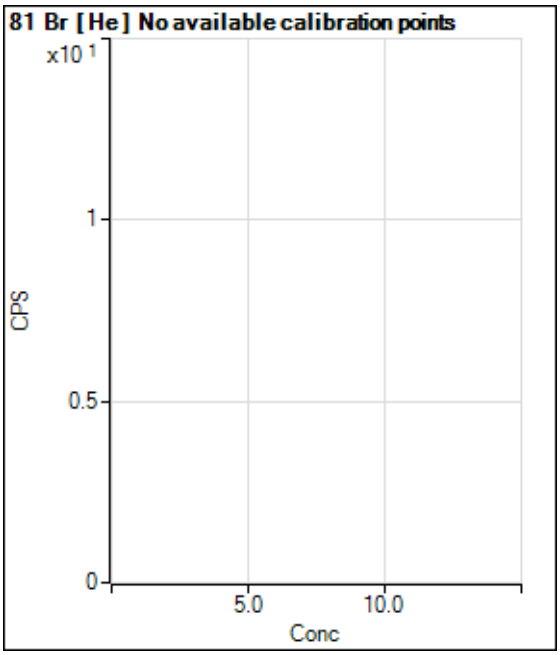
y = 1.3995E-005 * x + 1.4516E-004
R = 1.0000
DL = 2.362
BEC = 10.37

Weight: <None>
Min Conc: 0

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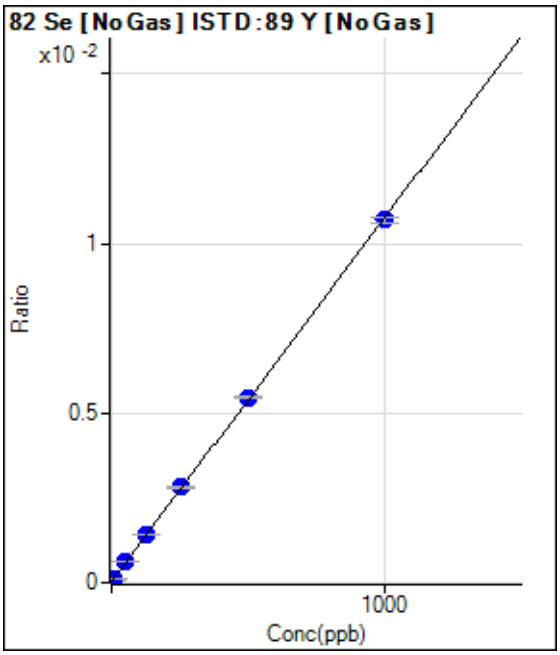


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5732.29		P	1.6
2	☐			5728.94		P	1.8
3	☐			5292.12		P	2.6
4	☐			5504.40		P	3.7
5	☐			5493.29		P	2.2
6	☐			5572.22		P	0.9
7	☐			5546.65		P	5.0
8	☐			6053.52		P	1.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			91.11		P	14.8
2	☐			88.89		P	9.4
3	☐			75.56		P	2.6
4	☐			62.22		P	16.4
5	☐			62.22		P	8.2
6	☐			71.11		P	28.3
7	☐			47.78		P	10.7
8	☐			85.56		P	8.1

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	363.01	0.0000	P	14.2
2	☐	5.000	4.738	822.92	0.0001	P	3.5
3	☐	50.000	53.916	5569.88	0.0006	P	1.5
4	☐	125.000	128.393	13162.32	0.0014	P	1.9
5	☐	250.000	259.228	26510.96	0.0028	P	2.2
6	☐	500.000	504.613	52213.15	0.0054	P	1.0
7	☐	1000.000	994.768	101915.56	0.0107	P	1.3
8	☐			412.40	0.0000	P	2.9

y = 1.0713E-005 * x + 3.9063E-005

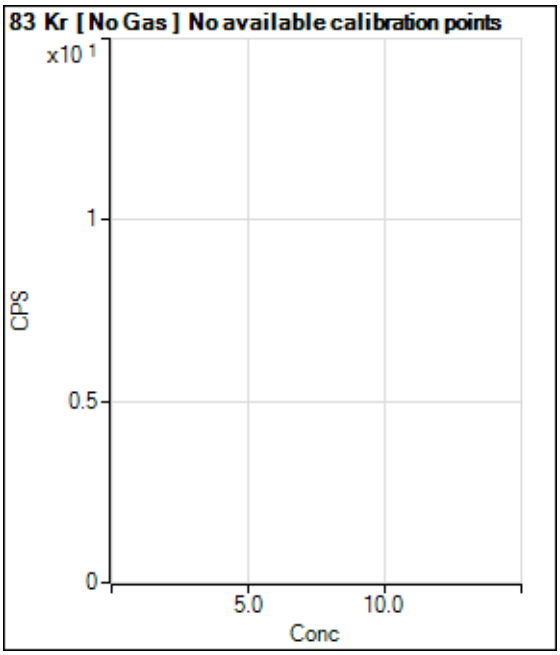
R = 0.9999

DL = 1.551

BEC = 3.646

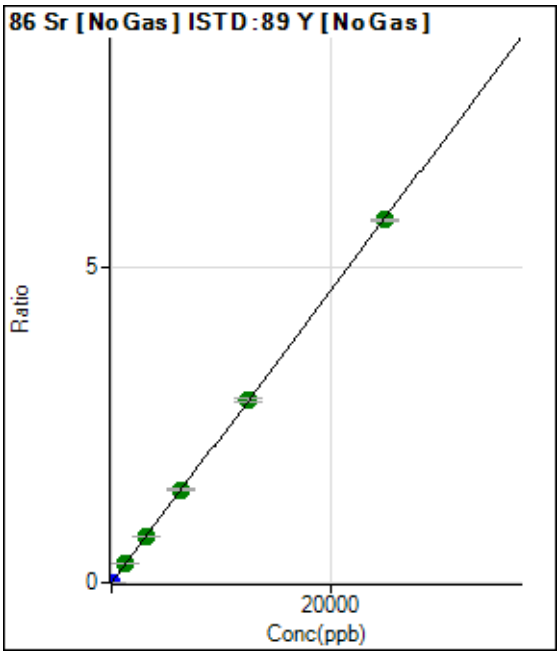
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			241.12		P	25.9
2	☐			246.67		P	13.3
3	☐			244.45		P	6.4
4	☐			232.23		P	3.3
5	☐			281.12		P	10.8
6	☐			256.67		P	17.2
7	☐			252.23		P	4.6
8	☐			263.34		P	4.6

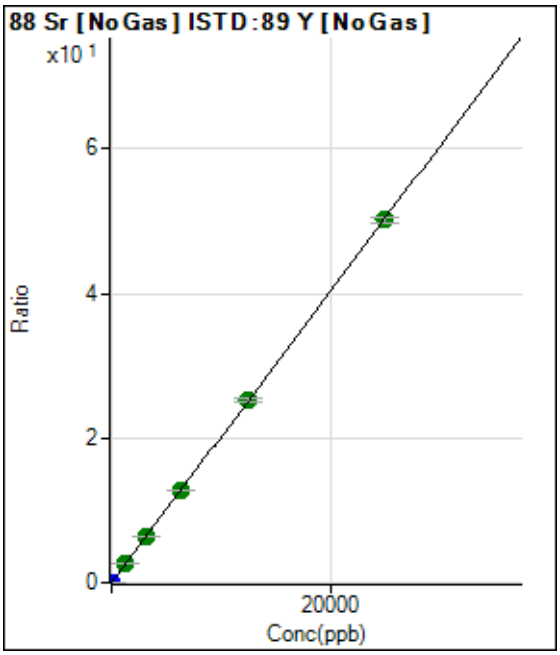
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	400.01	0.0000	P	11.1
2	☐	1.000	1.009	2526.91	0.0003	P	1.7
3	☐	1250.000	1292.566	2694305.36	0.2982	A	0.9
4	☐	3125.000	3166.141	6797677.19	0.7305	A	1.3
5	☐	6250.000	6385.503	13870285.49	1.4732	A	1.1
6	☐	12500.000	12555.848	27777968.47	2.8967	A	1.1
7	☐	25000.000	24930.929	54806183.63	5.7517	A	0.8
8	☐			10825.19	0.0012	P	6.9

y = 2.3070E-004 * x + 4.3089E-005
R = 1.0000
DL = 0.06238
BEC = 0.1868

Weight: <None>
Min Conc: 0

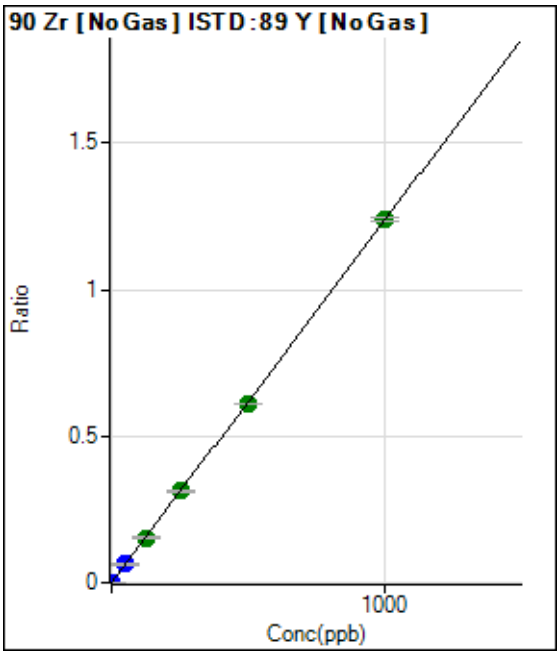


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	240.00	0.0000	P	14.1
2	☐	1.000	0.935	17461.59	0.0019	P	0.2
3	☐	1250.000	1273.284	23135811.32	2.5610	A	1.0
4	☐	3125.000	3161.586	59177248.01	6.3589	A	1.1
5	☐	6250.000	6340.676	120064830.4	12.7531	A	1.3
6	☐	12500.000	12549.415	242051991.9	25.2408	A	1.7
7	☐	25000.000	24946.886	478156601.7	50.1759	A	1.8
8	☐			88807.43	0.0097	P	7.2

y = 0.0020 * x + 2.5794E-005
R = 1.0000
DL = 0.005443
BEC = 0.01282

Weight: <None>
Min Conc: 0

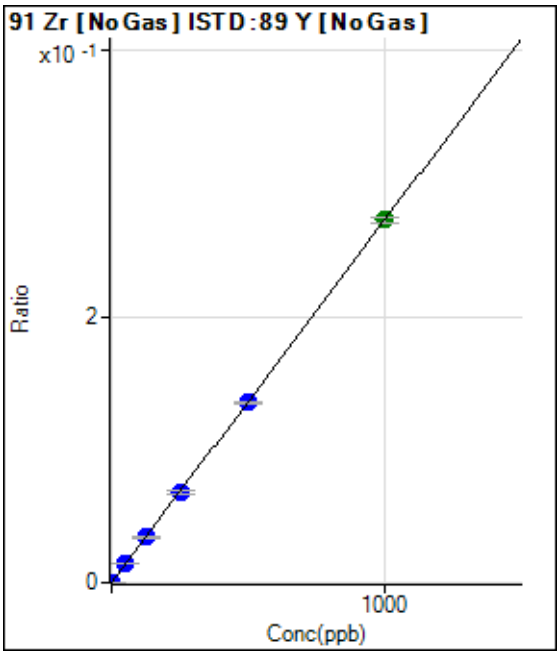
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	360.01	0.0000	P	4.5
2	☐	1.000	0.936	10950.85	0.0012	P	3.0
3	☐	50.000	50.506	564187.38	0.0625	P	1.8
4	☐	125.000	124.670	1434401.35	0.1541	A	1.0
5	☐	250.000	252.728	2941255.44	0.3124	A	1.8
6	☐	500.000	495.040	5867763.04	0.6119	A	0.4
7	☐	1000.000	1001.814	11799344.13	1.2383	A	1.2
8	☐			7216.28	0.0008	P	4.3

y = 0.0012 * x + 3.8726E-005
R = 1.0000
DL = 0.004201
BEC = 0.03133

Weight: <None>
Min Conc: 0

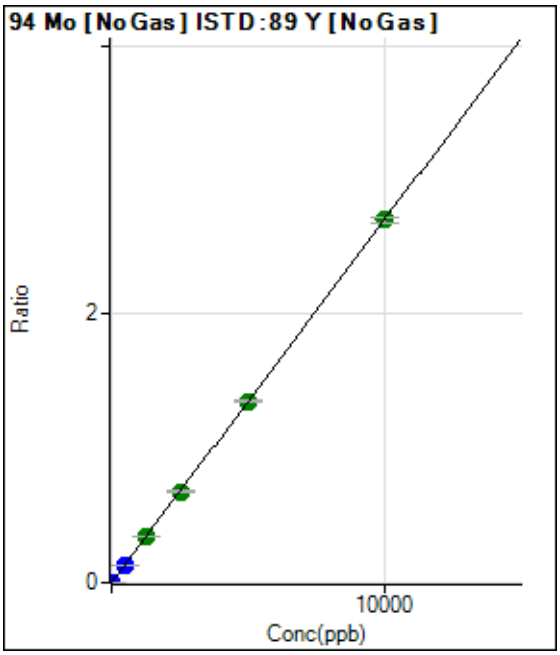


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.67	0.0000	P	10.2
2	☐	1.000	0.943	2428.00	0.0003	P	1.0
3	☐	50.000	51.326	126332.44	0.0140	P	1.9
4	☐	125.000	125.237	317455.94	0.0341	P	1.5
5	☐	250.000	249.490	639696.97	0.0680	P	2.4
6	☐	500.000	497.635	1299617.55	0.1355	P	0.8
7	☐	1000.000	1001.214	2598252.12	0.2727	A	1.4
8	☐			1647.89	0.0002	P	5.8

y = 2.7232E-004 * x + 8.2429E-006
R = 1.0000
DL = 0.0093
BEC = 0.03027

Weight: <None>
Min Conc: 0

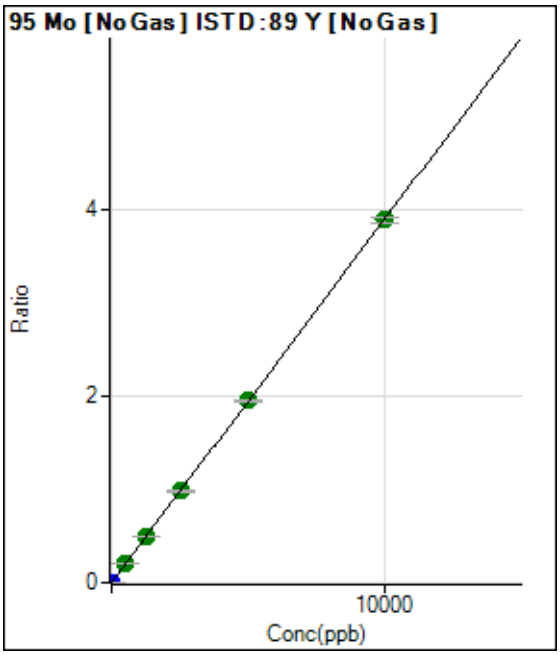
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	168.89	0.0000	P	8.7
2	☐	5.000	5.059	12693.38	0.0014	P	0.8
3	☐	500.000	500.648	1222580.48	0.1353	P	0.9
4	☐	1250.000	1276.372	3210642.38	0.3450	A	2.1
5	☐	2500.000	2503.127	6370021.92	0.6766	A	1.5
6	☐	5000.000	4998.772	12956309.67	1.3511	A	0.6
7	☐	10000.000	9996.504	25747714.06	2.7020	A	1.6
8	☐			6618.23	0.0007	P	8.0

y = 2.7029E-004 * x + 1.8163E-005
R = 1.0000
DL = 0.0175
BEC = 0.0672

Weight: <None>
Min Conc: 0

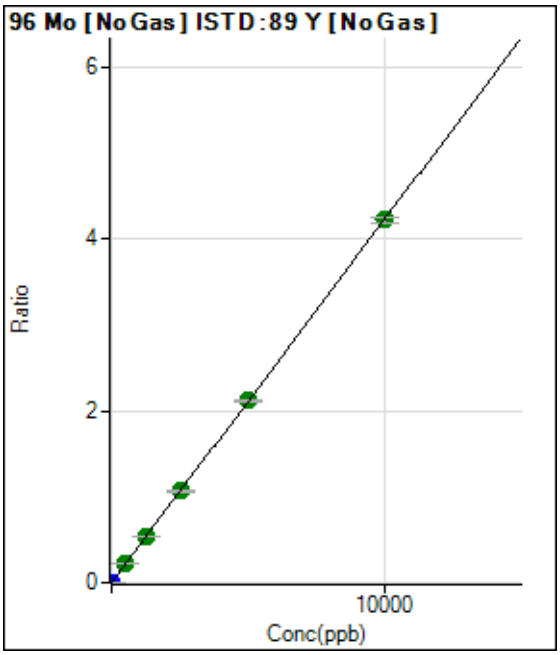


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0000	P	19.1
2	☐	5.000	4.257	15256.92	0.0017	P	1.4
3	☐	500.000	507.655	1784242.35	0.1975	A	1.1
4	☐	1250.000	1261.142	4566150.14	0.4907	A	1.9
5	☐	2500.000	2514.238	9209808.47	0.9783	A	1.6
6	☐	5000.000	5016.601	18716844.44	1.9519	A	0.6
7	☐	10000.000	9986.365	37024288.06	3.8855	A	1.7
8	☐			6445.94	0.0007	P	6.5

y = 3.8908E-004 * x + 9.4412E-006
R = 1.0000
DL = 0.01393
BEC = 0.02427

Weight: <None>
Min Conc: 0

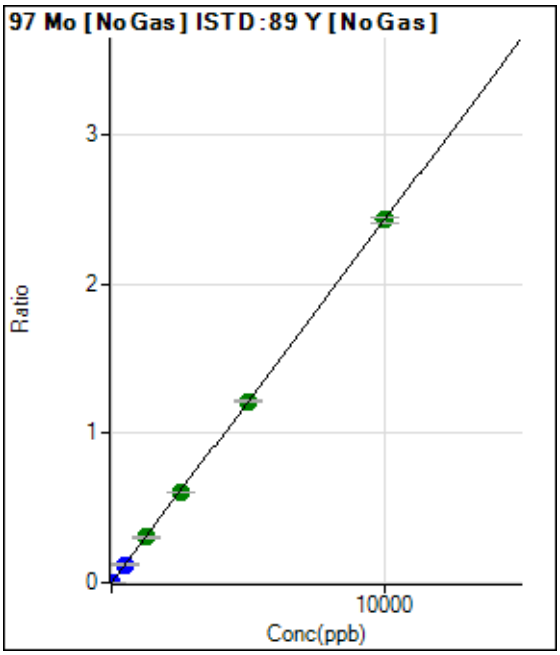
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0000	P	15.3
2	☐	5.000	4.348	16974.39	0.0019	P	2.1
3	☐	500.000	511.038	1953193.75	0.2162	A	0.7
4	☐	1250.000	1260.463	4962523.74	0.5333	A	1.5
5	☐	2500.000	2518.929	10033536.24	1.0657	A	0.7
6	☐	5000.000	5007.659	20316370.81	2.1186	A	0.8
7	☐	10000.000	9989.579	40276555.23	4.2263	A	1.9
8	☐			11891.63	0.0013	P	5.4

y = 4.2307E-004 * x + 1.3650E-005
R = 1.0000
DL = 0.01483
BEC = 0.03226

Weight: <None>
Min Conc: 0

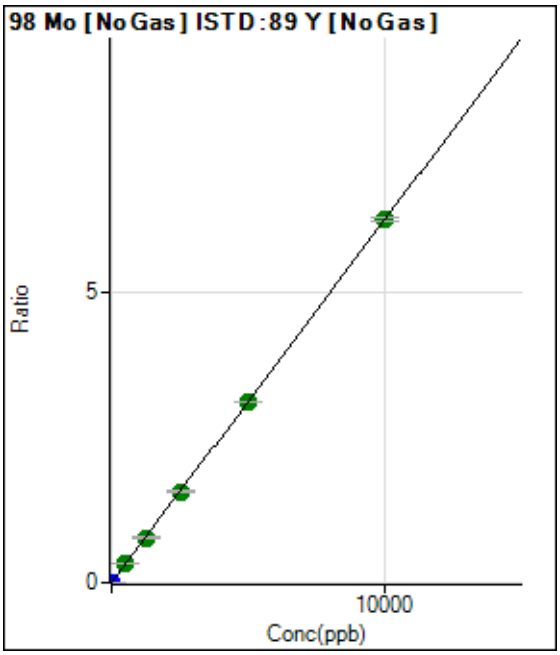


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	25.9
2	☐	5.000	4.161	9309.70	0.0010	P	0.3
3	☐	500.000	502.581	1103622.99	0.1222	P	2.3
4	☐	1250.000	1254.690	2838553.85	0.3050	A	1.6
5	☐	2500.000	2499.539	5721299.78	0.6077	A	1.2
6	☐	5000.000	4992.204	11638542.19	1.2137	A	1.1
7	☐	10000.000	10003.298	23175138.82	2.4319	A	1.4
8	☐			4037.27	0.0004	P	7.2

y = 2.4311E-004 * x + 4.7777E-006
R = 1.0000
DL = 0.01527
BEC = 0.01965

Weight: <None>
Min Conc: 0

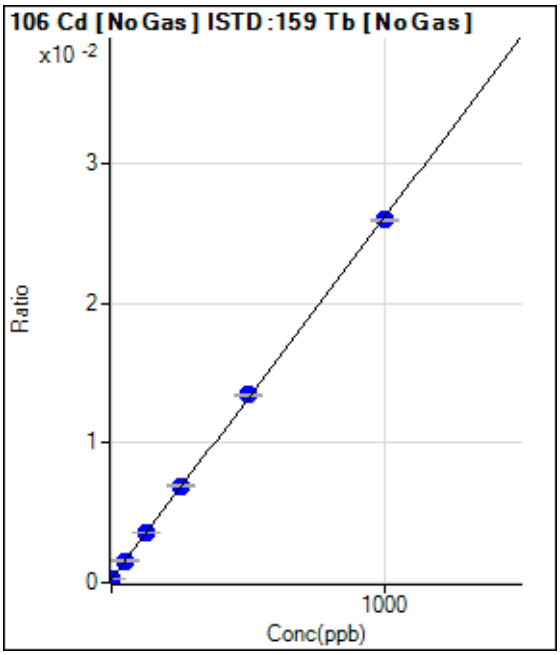
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	18.9
2	☐	5.000	4.244	24349.25	0.0027	P	1.9
3	☐	500.000	512.323	2890203.71	0.3200	A	3.3
4	☐	1250.000	1242.201	7220469.47	0.7758	A	1.4
5	☐	2500.000	2512.195	14772615.47	1.5690	A	0.5
6	☐	5000.000	4985.696	29859953.72	3.1138	A	0.8
7	☐	10000.000	10004.462	59540094.67	6.2483	A	1.1
8	☐			9990.19	0.0011	P	7.8

y = 6.2455E-004 * x + 7.7705E-006
R = 1.0000
DL = 0.007068
BEC = 0.01244

Weight: <None>
Min Conc: 0

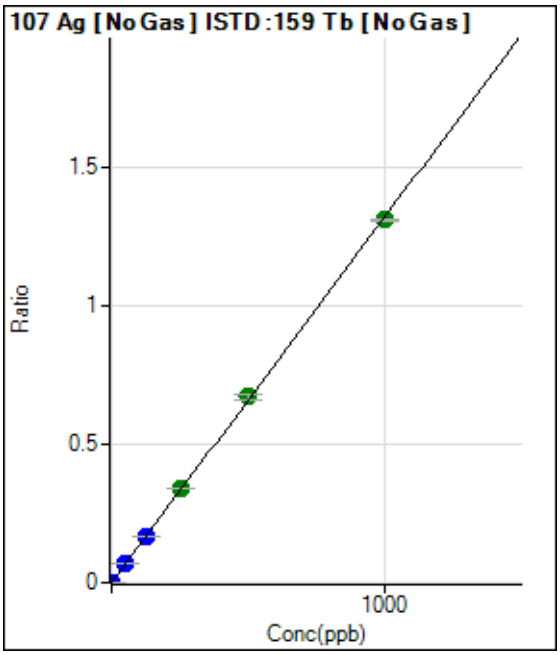


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1488.98	0.0003	P	1.6
2	☐	1.000	0.876	1605.66	0.0003	P	5.6
3	☐	50.000	51.081	8997.32	0.0016	P	1.5
4	☐	125.000	128.597	20924.07	0.0036	P	2.0
5	☐	250.000	257.819	41287.45	0.0069	P	0.8
6	☐	500.000	509.178	81213.28	0.0134	P	1.2
7	☐	1000.000	992.952	157770.11	0.0260	P	0.8
8	☐			1605.66	0.0003	P	5.6

y = 2.5907E-005 * x + 2.5701E-004
R = 0.9999
DL = 0.4688
BEC = 9.92

Weight: <None>
Min Conc: 0

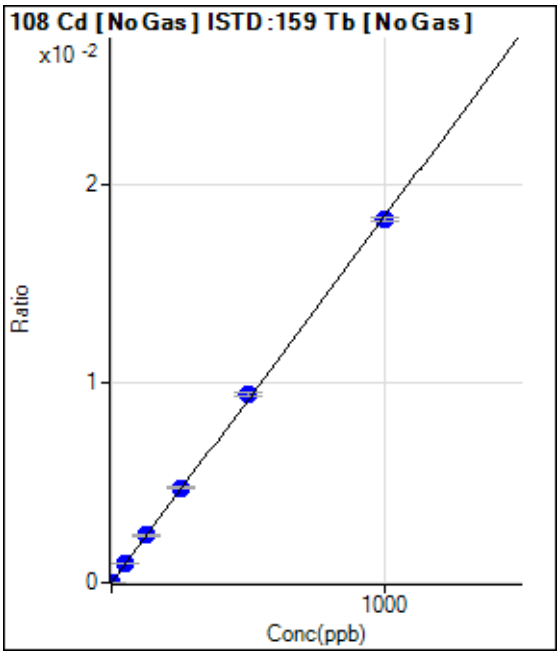
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	37.0
2	☐	1.000	0.895	6850.57	0.0012	P	1.3
3	☐	50.000	51.067	384133.07	0.0675	P	1.5
4	☐	125.000	125.820	969495.26	0.1663	P	1.3
5	☐	250.000	257.564	2026005.91	0.3404	A	1.7
6	☐	500.000	509.564	4066200.91	0.6734	A	2.9
7	☐	1000.000	993.171	7969666.13	1.3125	A	0.8
8	☐			1265.63	0.0002	P	16.3

y = 0.0013 * x + 1.0181E-005
R = 0.9999
DL = 0.008556
BEC = 0.007704

Weight: <None>
Min Conc: 0

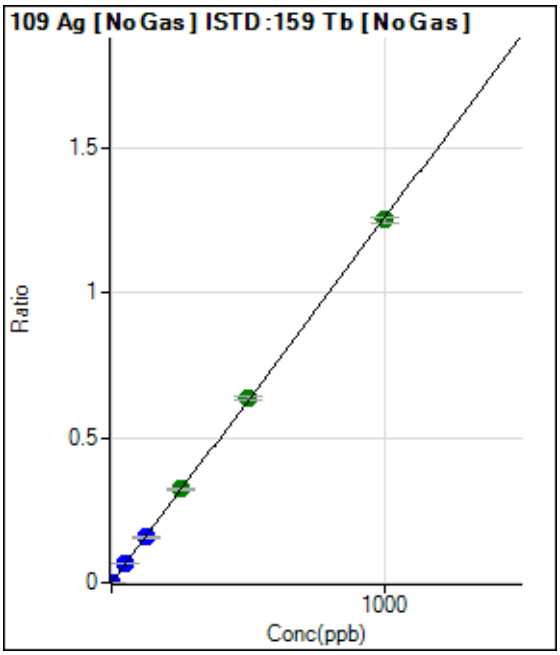


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	57.5
2	☐	1.000	1.044	118.89	0.0000	P	3.6
3	☐	50.000	52.155	5459.97	0.0010	P	3.7
4	☐	125.000	128.809	13805.57	0.0024	P	2.3
5	☐	250.000	259.127	28342.20	0.0048	P	2.1
6	☐	500.000	512.721	56880.97	0.0094	P	2.1
7	☐	1000.000	990.774	110530.42	0.0182	P	1.2
8	☐			58.89	0.0000	P	17.5

y = 1.8370E-005 * x + 1.5329E-006
R = 0.9998
DL = 0.1439
BEC = 0.08345

Weight: <None>
Min Conc: 0

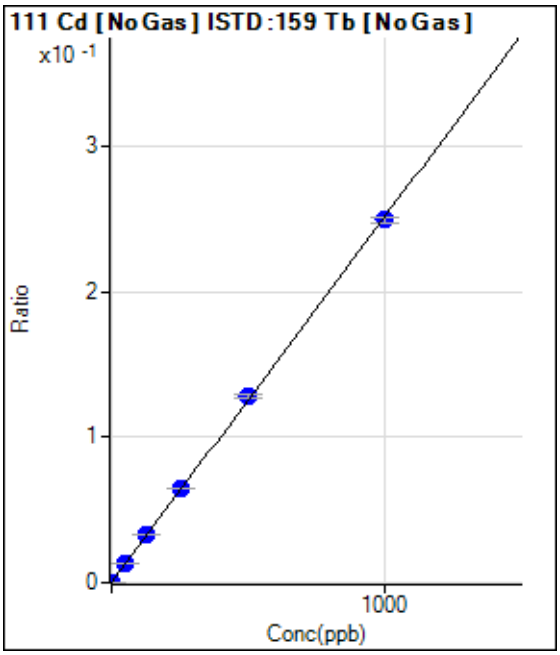
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.66	0.0000	P	56.3
2	☐	1.000	0.901	6529.31	0.0011	P	3.5
3	☐	50.000	50.449	361247.60	0.0635	P	0.7
4	☐	125.000	124.832	915531.34	0.1570	P	1.6
5	☐	250.000	256.458	1920091.00	0.3226	A	2.3
6	☐	500.000	506.739	3849020.50	0.6374	A	1.5
7	☐	1000.000	995.015	7600343.36	1.2516	A	1.5
8	☐			1187.84	0.0002	P	11.6

y = 0.0013 * x + 4.5859E-006
R = 0.9999
DL = 0.006155
BEC = 0.003646

Weight: <None>
Min Conc: 0

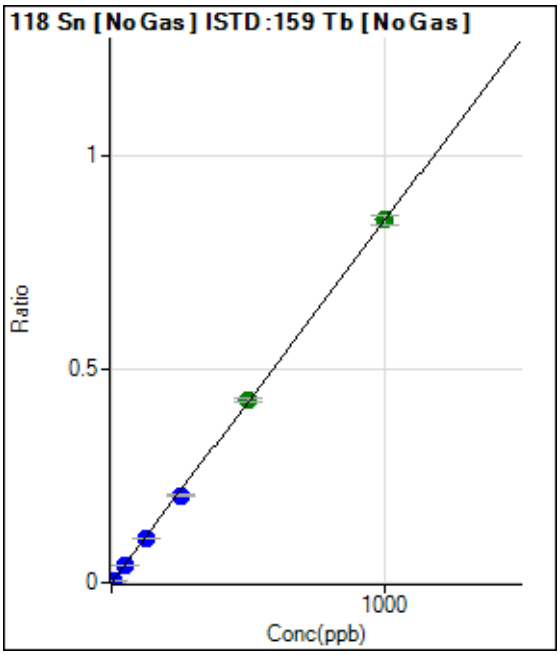


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1046.06	0.0002	P	1.2
2	☐	1.000	0.955	2415.26	0.0004	P	3.3
3	☐	50.000	52.743	76458.30	0.0134	P	2.7
4	☐	125.000	129.786	191230.96	0.0328	P	0.3
5	☐	250.000	258.752	388156.68	0.0652	P	0.5
6	☐	500.000	508.609	772932.43	0.1280	P	2.1
7	☐	1000.000	992.772	1516220.99	0.2497	P	1.6
8	☐			1384.97	0.0002	P	9.8

y = 2.5132E-004 * x + 1.8055E-004
R = 0.9999
DL = 0.02525
BEC = 0.7184

Weight: <None>
Min Conc: 0

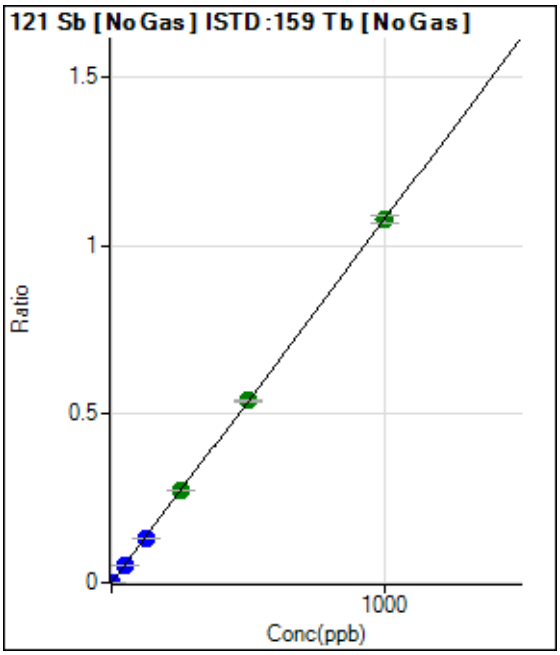
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1274.52	0.0002	P	1.6
2	☐	5.000	4.502	23225.48	0.0040	P	1.3
3	☐	50.000	49.168	239065.97	0.0420	P	1.4
4	☐	125.000	121.408	602746.28	0.1034	P	1.3
5	☐	250.000	239.740	1213791.57	0.2039	P	1.5
6	☐	500.000	502.301	2578468.54	0.4270	A	2.1
7	☐	1000.000	1001.908	5171085.82	0.8515	A	2.6
8	☐			3950.58	0.0007	P	2.5

y = 8.4968E-004 * x + 2.2001E-004
R = 0.9999
DL = 0.01252
BEC = 0.2589

Weight: <None>
Min Conc: 0

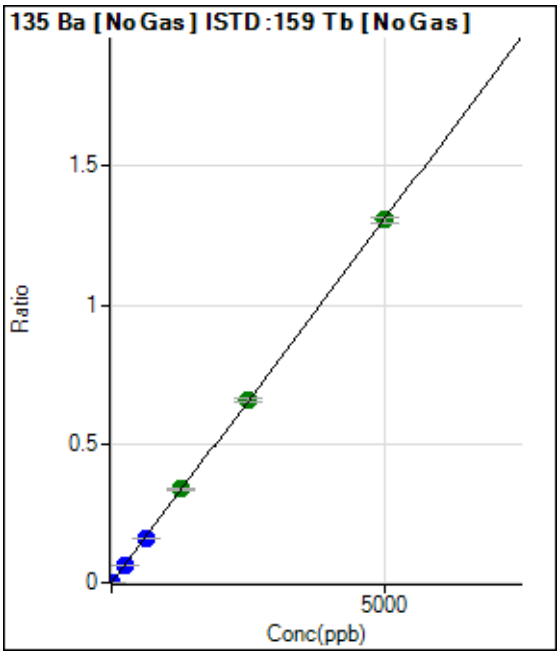


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.33	0.0000	P	5.4
2	☐	2.000	1.852	11516.92	0.0020	P	5.3
3	☐	50.000	48.853	299691.95	0.0527	P	0.8
4	☐	125.000	121.613	764090.93	0.1311	P	0.9
5	☐	250.000	253.243	1624276.35	0.2729	A	1.3
6	☐	500.000	501.843	3265460.85	0.5408	A	1.4
7	☐	1000.000	998.749	6535378.51	1.0762	A	2.1
8	☐			5965.73	0.0010	P	3.4

y = 0.0011 * x + 1.0933E-005
R = 1.0000
DL = 0.001641
BEC = 0.01015

Weight: <None>
Min Conc: 0

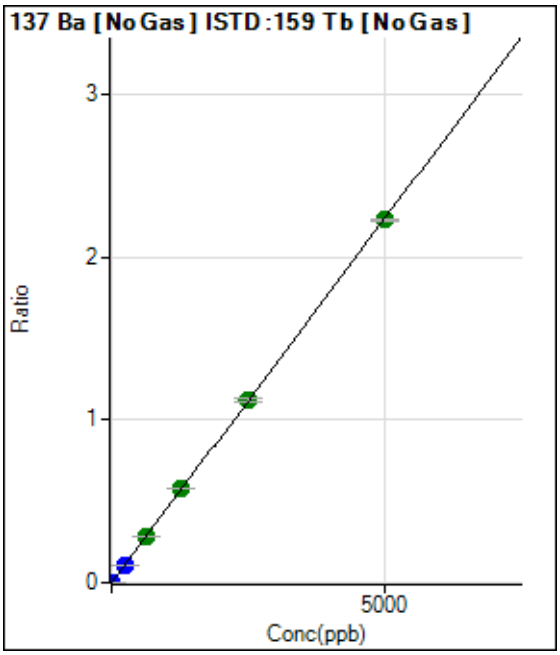
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	16.3
2	☐	10.000	8.784	13266.25	0.0023	P	1.6
3	☐	250.000	243.227	362582.56	0.0637	P	2.7
4	☐	625.000	600.051	916373.67	0.1572	P	0.9
5	☐	1250.000	1282.881	2000021.43	0.3360	A	0.9
6	☐	2500.000	2511.825	3972823.03	0.6579	A	1.3
7	☐	5000.000	4989.327	7935186.69	1.3068	A	1.3
8	☐			3300.41	0.0006	P	0.2

y = 2.6191E-004 * x + 1.0155E-005
R = 0.9999
DL = 0.01893
BEC = 0.03877

Weight: <None>
Min Conc: 0

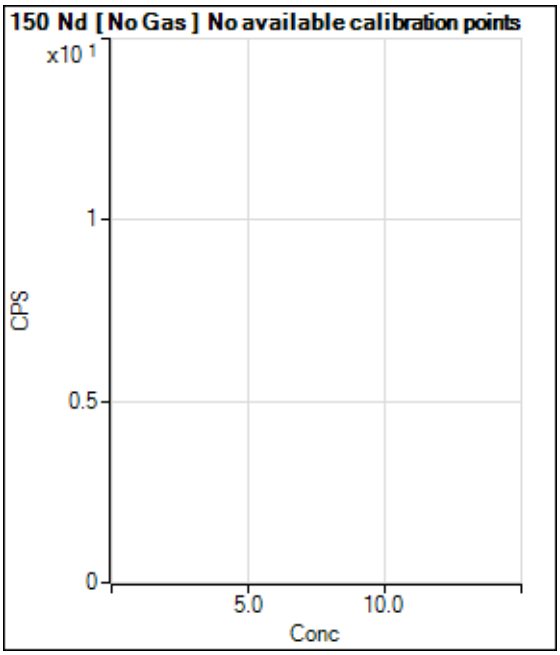


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.89	0.0000	P	20.0
2	☐	10.000	8.839	22776.06	0.0040	P	0.4
3	☐	250.000	243.661	619628.43	0.1089	P	0.8
4	☐	625.000	638.103	1661925.30	0.2850	A	1.6
5	☐	1250.000	1285.342	3417364.57	0.5741	A	0.5
6	☐	2500.000	2506.792	6761151.85	1.1197	A	2.1
7	☐	5000.000	4986.450	13524600.91	2.2272	A	0.5
8	☐			5825.69	0.0010	P	5.7

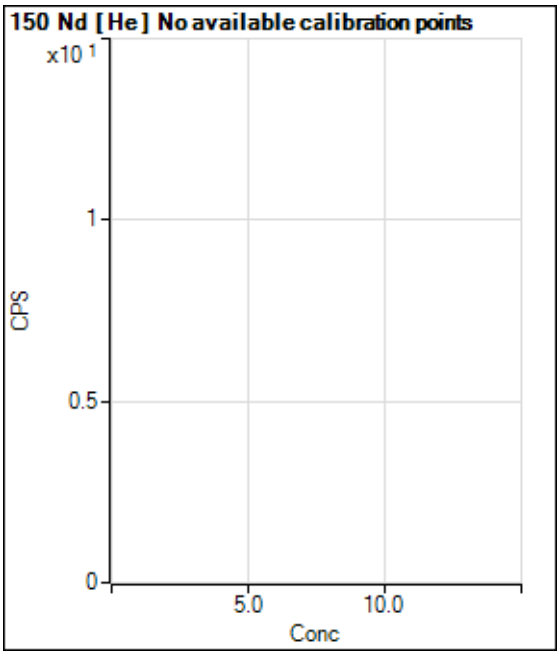
y = 4.4666E-004 * x + 1.8796E-005
R = 1.0000
DL = 0.02526
BEC = 0.04208

Weight: <None>
Min Conc: 0

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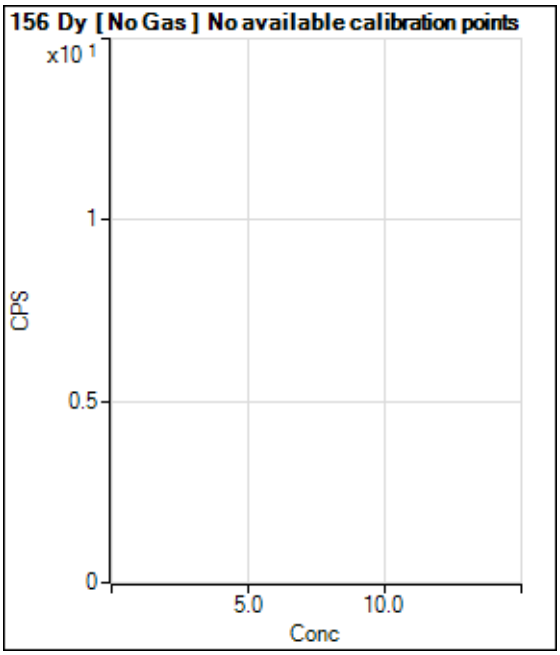


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	43.3
2	☐			14.44		P	13.4
3	☐			31.11		P	6.2
4	☐			41.11		P	28.5
5	☐			71.11		P	10.8
6	☐			142.22		P	23.5
7	☐			256.67		P	4.7
8	☐			111.11		P	22.1

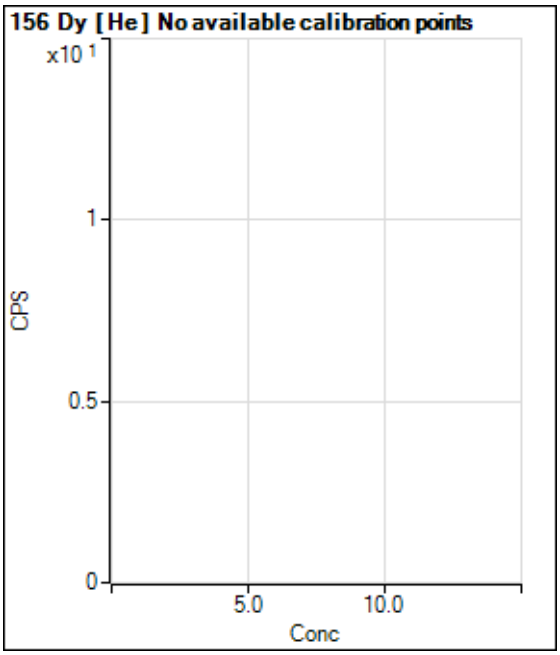


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1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			8.89		P	43.3
4	☐			13.33		P	50.0
5	☐			23.33		P	62.3
6	☐			42.22		P	31.9
7	☐			56.67		P	23.5
8	☐			64.44		P	7.9

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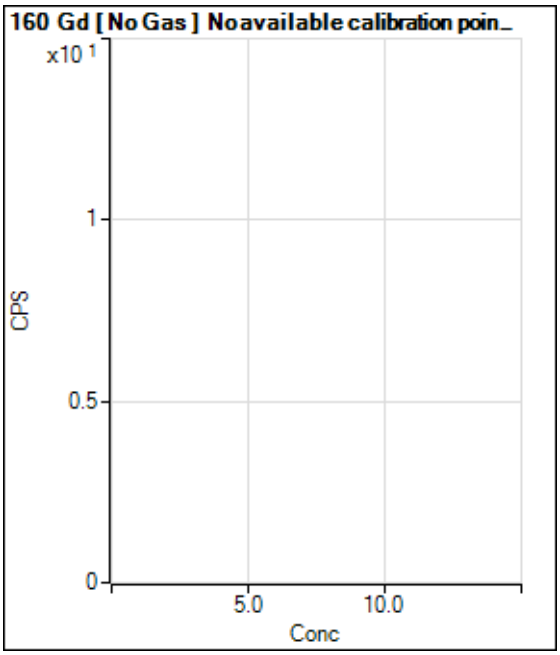


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			73.34		P	31.5
2	☐			64.44		P	28.5
3	☐			78.89		P	21.7
4	☐			153.34		P	10.0
5	☐			78.89		P	14.8
6	☐			123.34		P	7.1
7	☐			181.11		P	24.7
8	☐			236.67		P	7.5

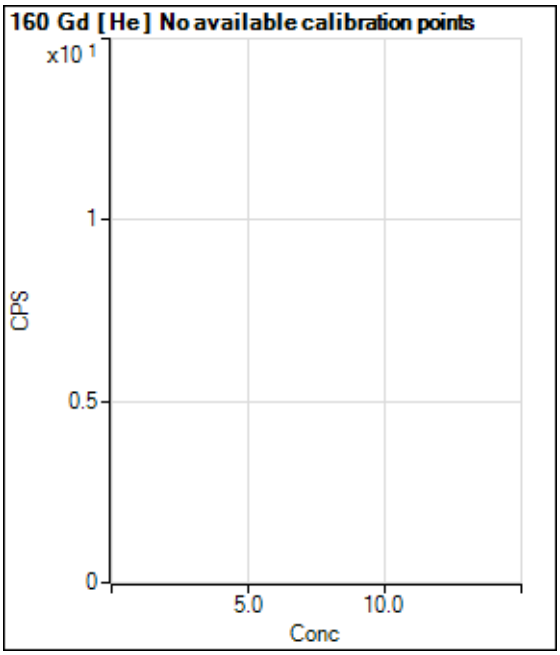


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			14.44		P	58.1
2	☐			22.22		P	17.3
3	☐			34.44		P	22.3
4	☐			145.56		P	12.6
5	☐			94.44		P	25.0
6	☐			185.56		P	7.5
7	☐			392.23		P	5.8
8	☐			197.78		P	8.5

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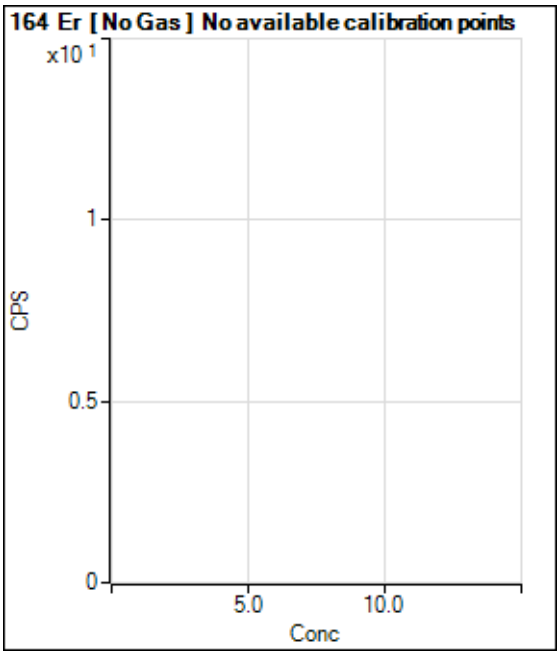


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1	☐			26.66		P	21.7
2	☐			27.78		P	60.4
3	☐			45.56		P	63.1
4	☐			31.11		P	37.6
5	☐			47.78		P	8.1
6	☐			42.22		P	4.6
7	☐			98.89		P	13.6
8	☐			184.45		P	8.1

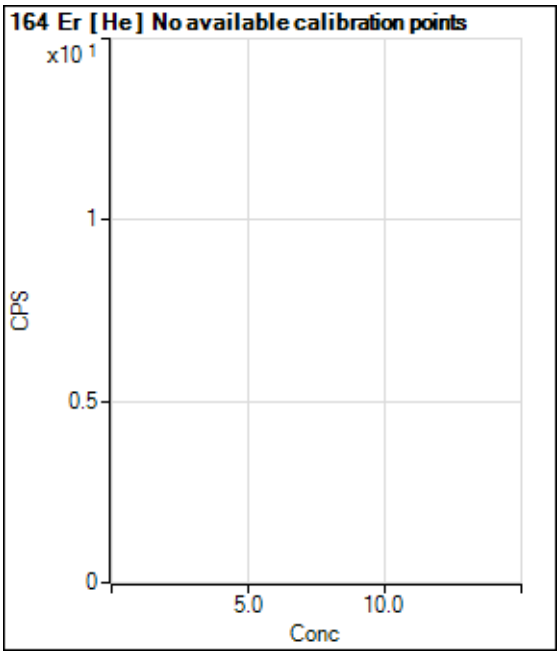


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1	☐			161.11		P	6.3
2	☐			167.78		P	4.6
3	☐			187.78		P	13.3
4	☐			167.78		P	12.0
5	☐			152.23		P	5.5
6	☐			211.12		P	14.6
7	☐			227.78		P	10.6
8	☐			272.23		P	22.1

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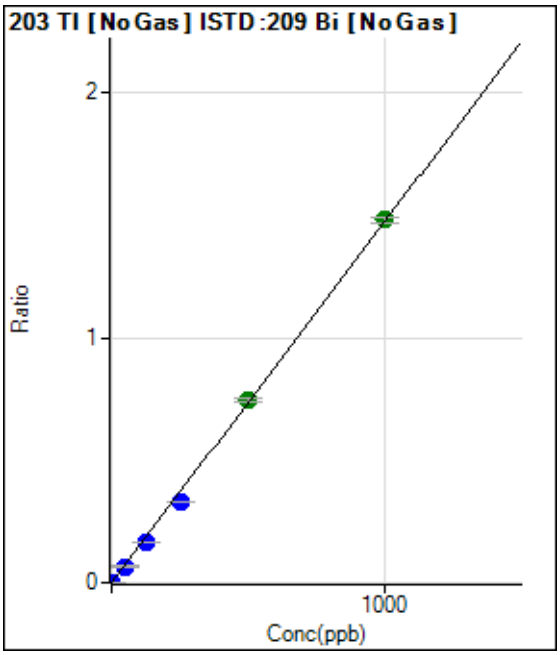


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			53.33		P	43.7
2	☐			48.89		P	19.7
3	☐			35.55		P	10.8
4	☐			65.55		P	46.1
5	☐			58.89		P	25.5
6	☐			68.89		P	2.8
7	☐			110.00		P	21.2
8	☐			230.00		P	15.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			32.22		P	47.8
2	☐			32.22		P	39.2
3	☐			34.45		P	31.1
4	☐			40.00		P	36.3
5	☐			34.44		P	40.3
6	☐			47.78		P	24.5
7	☐			86.67		P	10.2
8	☐			153.34		P	2.2

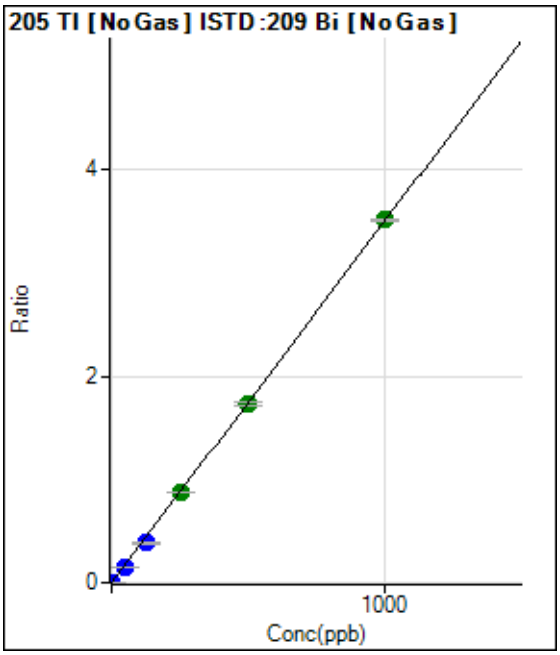
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	101.11	0.0000	P	27.7
2	☐	1.000	0.852	4057.32	0.0013	P	3.6
3	☐	50.000	45.267	209448.79	0.0666	P	1.8
4	☐	125.000	111.612	534617.50	0.1643	P	1.7
5	☐	250.000	223.939	1096456.15	0.3296	P	0.6
6	☐	500.000	504.595	2533350.10	0.7425	A	2.1
7	☐	1000.000	1006.128	5072128.71	1.4806	A	1.8
8	☐			908.93	0.0003	P	15.4

y = 0.0015 * x + 3.1836E-005
R = 0.9996
DL = 0.01797
BEC = 0.02163

Weight: <None>
Min Conc: 0

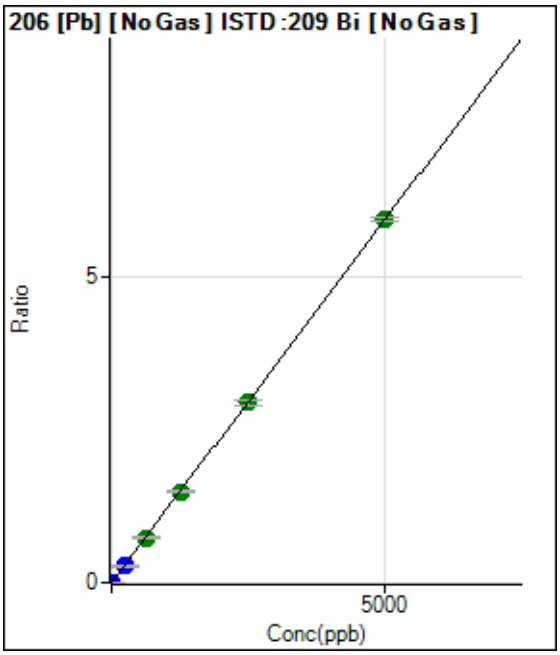


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	234.45	0.0001	P	11.3
2	☐	1.000	0.828	9373.31	0.0030	P	2.4
3	☐	50.000	44.376	487559.98	0.1551	P	2.2
4	☐	125.000	109.798	1248977.74	0.3838	P	1.3
5	☐	250.000	250.135	2908199.40	0.8742	A	1.5
6	☐	500.000	494.804	5899705.54	1.7292	A	1.6
7	☐	1000.000	1004.746	12028826.49	3.5112	A	0.6
8	☐			1949.05	0.0006	P	10.8

y = 0.0035 * x + 7.3616E-005
R = 0.9999
DL = 0.007147
BEC = 0.02107

Weight: <None>
Min Conc: 0

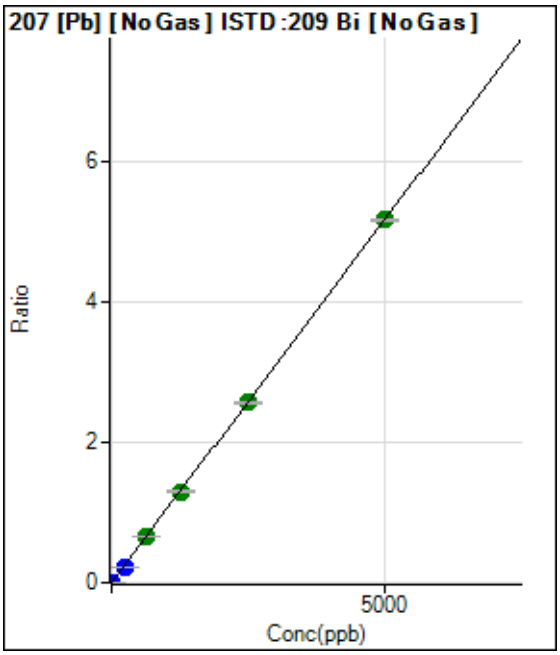
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.89	0.0001	P	8.2
2	☐	1.000	0.838	3337.11	0.0011	P	4.9
3	☐	250.000	225.714	839726.22	0.2673	P	3.7
4	☐	625.000	617.318	2378562.25	0.7309	A	3.0
5	☐	1250.000	1257.498	4952649.51	1.4887	A	1.2
6	☐	2500.000	2487.643	10047246.72	2.9450	A	2.8
7	☐	5000.000	5006.478	20303111.78	5.9270	A	1.0
8	☐			4600.83	0.0015	P	8.2

y = 0.0012 * x + 6.5412E-005
R = 1.0000
DL = 0.01361
BEC = 0.05525

Weight: <None>
Min Conc: 0

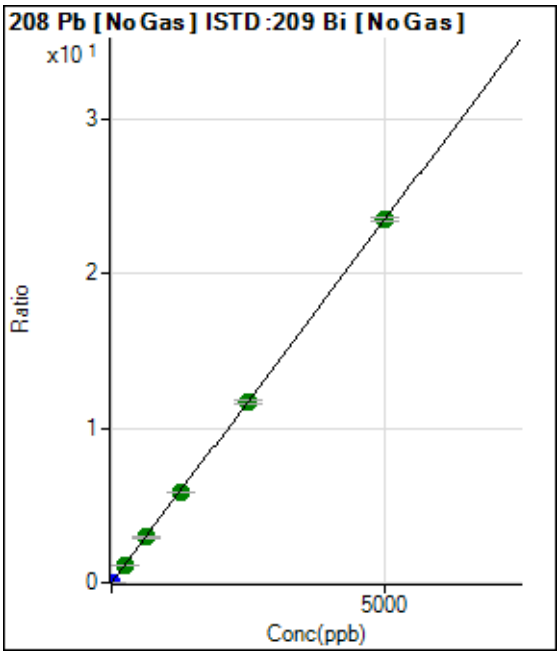


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	207.78	0.0001	P	7.2
2	☐	1.000	0.815	2868.11	0.0009	P	3.2
3	☐	250.000	222.192	722716.14	0.2299	P	2.1
4	☐	625.000	627.749	2113818.89	0.6495	A	1.4
5	☐	1250.000	1258.060	4330020.25	1.3016	A	1.6
6	☐	2500.000	2490.535	8791145.43	2.5767	A	1.2
7	☐	5000.000	5003.764	17734362.93	5.1768	A	0.6
8	☐			3979.52	0.0013	P	7.3

y = 0.0010 * x + 6.5049E-005
R = 1.0000
DL = 0.01351
BEC = 0.06288

Weight: <None>
Min Conc: 0

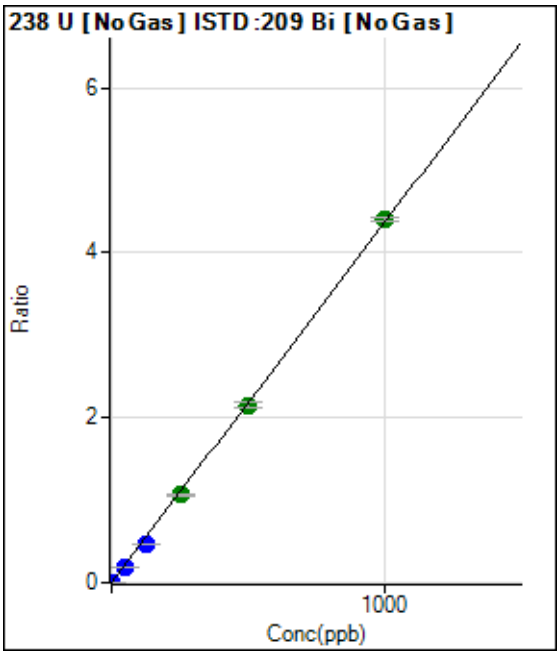
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	856.68	0.0003	P	7.5
2	☐	1.000	0.824	13064.80	0.0041	P	3.8
3	☐	250.000	238.299	3521120.76	1.1203	A	2.2
4	☐	625.000	624.344	9551299.96	2.9349	A	2.0
5	☐	1250.000	1253.906	19608645.43	5.8940	A	0.7
6	☐	2500.000	2497.366	40049082.67	11.7386	A	1.9
7	☐	5000.000	5001.008	80528760.47	23.5065	A	1.1
8	☐			17892.51	0.0057	P	6.6

y = 0.0047 * x + 2.6826E-004
R = 1.0000
DL = 0.01292
BEC = 0.05707

Weight: <None>
Min Conc: 0

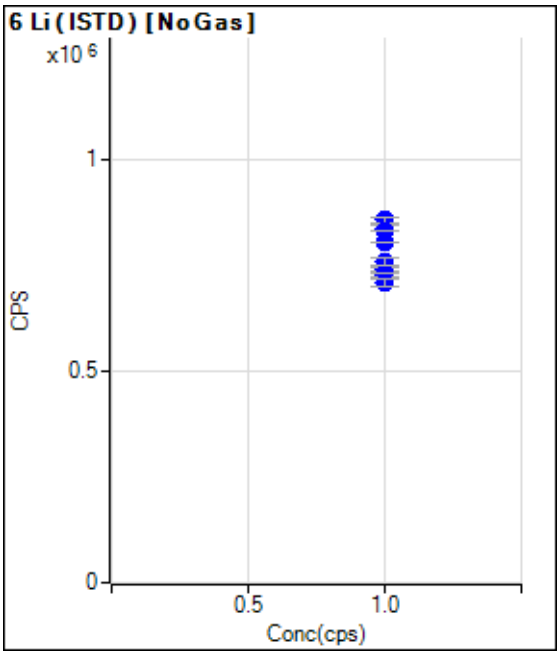


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.56	0.0000	P	52.2
2	☐	1.000	0.785	10821.14	0.0034	P	3.1
3	☐	50.000	42.211	578753.40	0.1842	P	3.6
4	☐	125.000	105.292	1495298.12	0.4595	P	1.5
5	☐	250.000	244.758	3553458.63	1.0680	A	2.0
6	☐	500.000	493.156	7341447.46	2.1519	A	2.6
7	☐	1000.000	1007.585	15062345.47	4.3967	A	0.9
8	☐			1071.17	0.0003	P	20.2

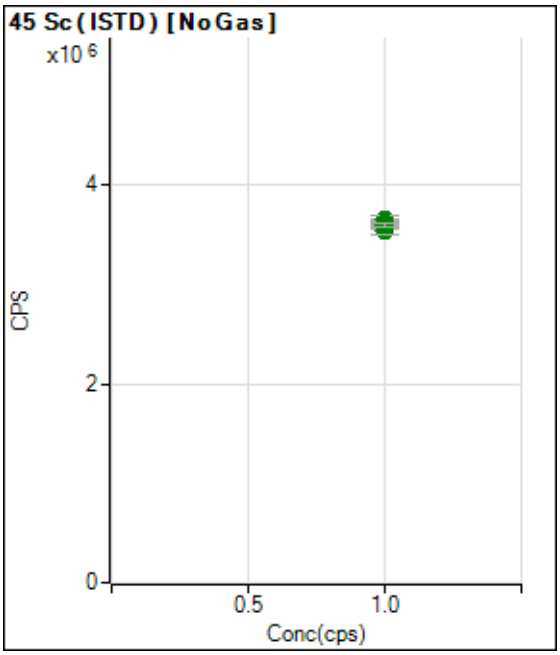
y = 0.0044 * x + 4.8328E-006
R = 0.9998
DL = 0.001734
BEC = 0.001108

Weight: <None>
Min Conc: 0

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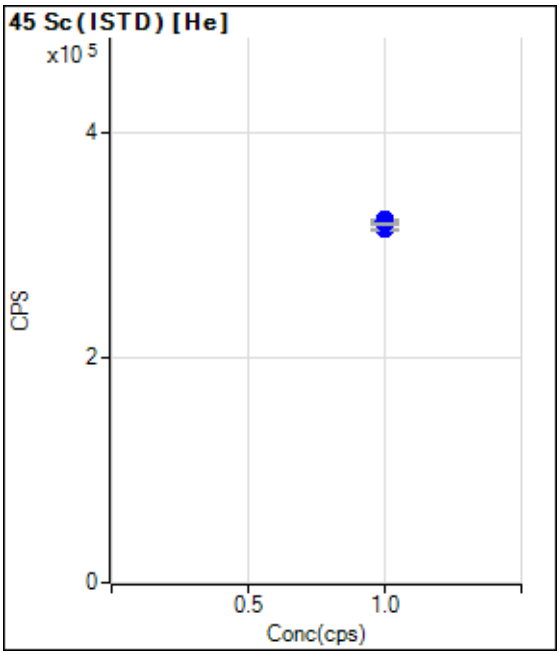


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		741030.72		P	1.7
2	☐	1.000		725825.75		P	1.2
3	☐	1.000		710659.51		P	2.5
4	☐	1.000		758616.68		P	2.1
5	☐	1.000		805663.32		P	0.1
6	☐	1.000		838205.50		P	2.0
7	☐	1.000		857711.93		P	1.5
8	☐	1.000		833334.85		P	0.0

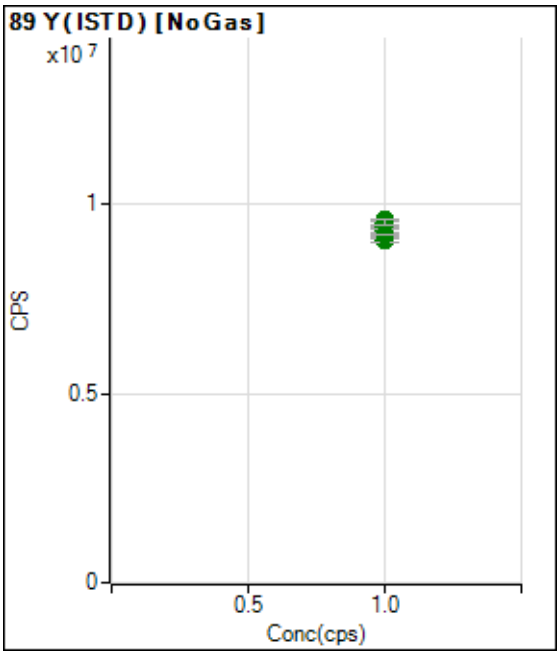


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3635960.29		A	1.4
2	☐	1.000		3584612.97		A	0.9
3	☐	1.000		3536895.30		A	2.0
4	☐	1.000		3594721.78		A	0.7
5	☐	1.000		3620638.38		A	0.8
6	☐	1.000		3651950.26		A	1.9
7	☐	1.000		3616845.15		A	0.9
8	☐	1.000		3605008.07		A	1.2

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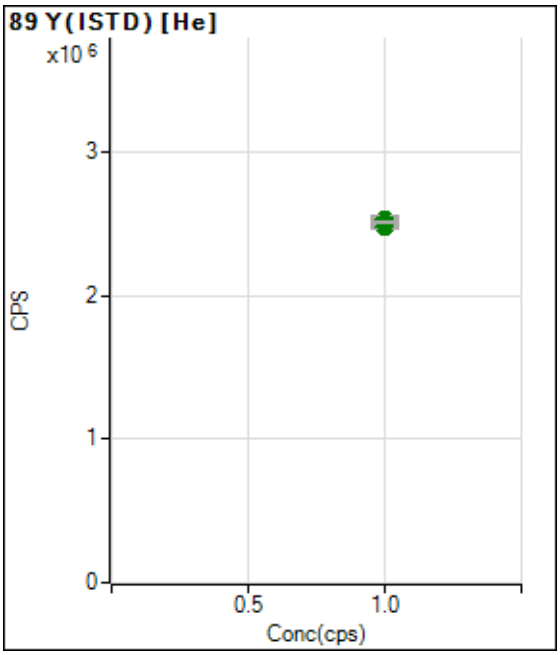


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		321495.70		P	0.7
2	☐	1.000		321823.94		P	0.6
3	☐	1.000		318590.42		P	0.7
4	☐	1.000		320990.81		P	0.1
5	☐	1.000		318801.61		P	0.1
6	☐	1.000		320596.35		P	1.5
7	☐	1.000		313392.26		P	0.7
8	☐	1.000		318214.52		P	0.5

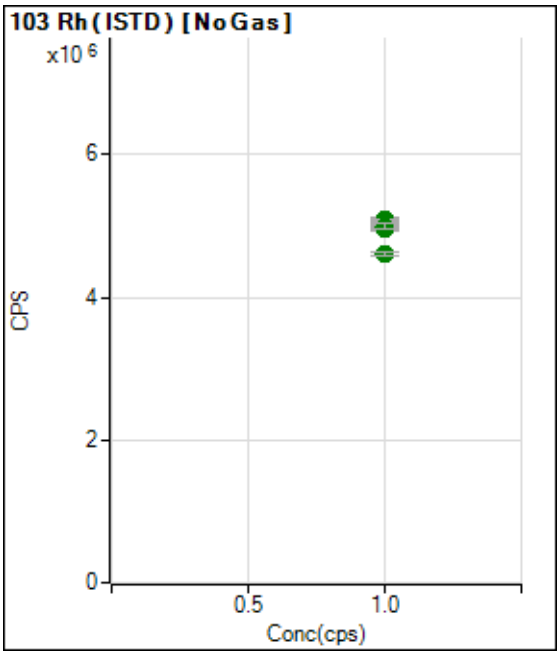


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9292601.80		A	1.4
2	☐	1.000		9160772.92		A	0.8
3	☐	1.000		9033399.93		A	1.0
4	☐	1.000		9306855.14		A	1.5
5	☐	1.000		9415415.55		A	1.0
6	☐	1.000		9589281.80		A	0.4
7	☐	1.000		9529100.27		A	1.4
8	☐	1.000		9201625.77		A	0.3

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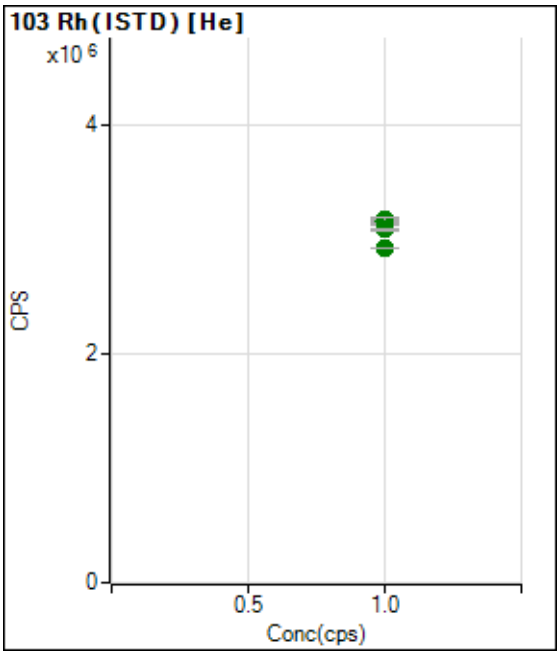


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2512355.52		A	1.6
2	☐	1.000		2510024.32		A	0.8
3	☐	1.000		2497113.14		A	1.7
4	☐	1.000		2523631.06		A	1.2
5	☐	1.000		2523669.09		A	0.7
6	☐	1.000		2524788.50		A	2.3
7	☐	1.000		2472872.08		A	1.0
8	☐	1.000		2506519.41		A	0.7

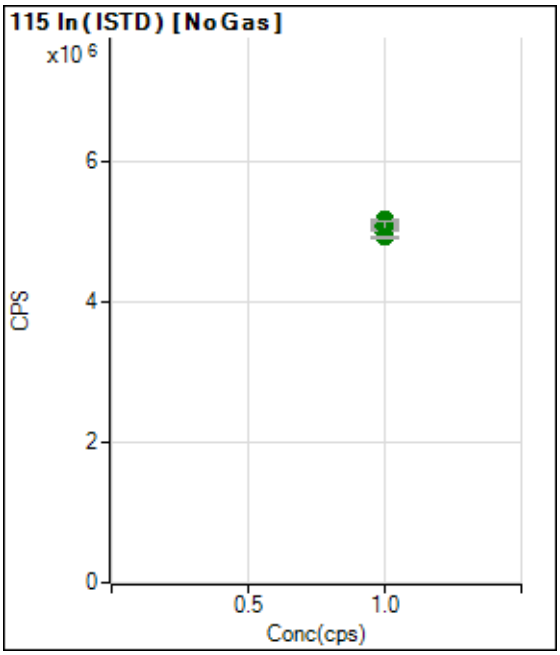


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5067177.28		A	2.4
2	☐	1.000		5006132.29		A	0.6
3	☐	1.000		4958263.71		A	1.4
4	☐	1.000		5006875.03		A	1.2
5	☐	1.000		5040801.21		A	1.1
6	☐	1.000		5082704.51		A	0.3
7	☐	1.000		4992704.61		A	1.3
8	☐	1.000		4609217.64		A	0.9

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Inst Id :P7

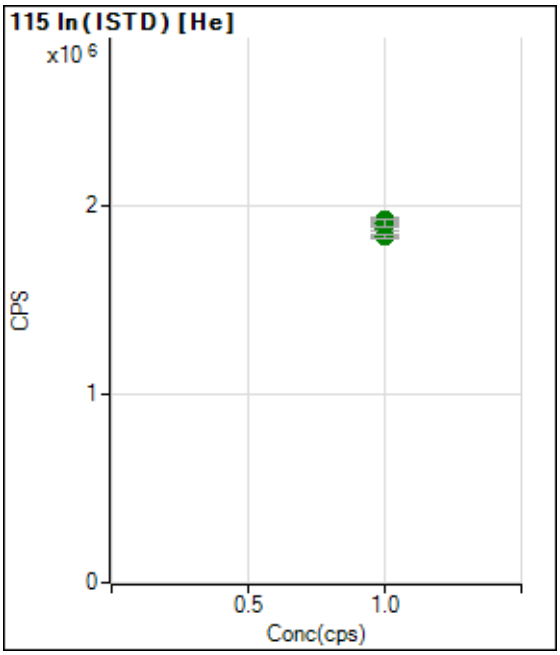


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3173235.40		A	1.5
2	☐	1.000		3142432.24		A	0.4
3	☐	1.000		3138086.93		A	0.9
4	☐	1.000		3156415.65		A	0.5
5	☐	1.000		3164989.26		A	0.6
6	☐	1.000		3161486.17		A	1.9
7	☐	1.000		3086843.88		A	0.4
8	☐	1.000		2926576.10		A	0.2

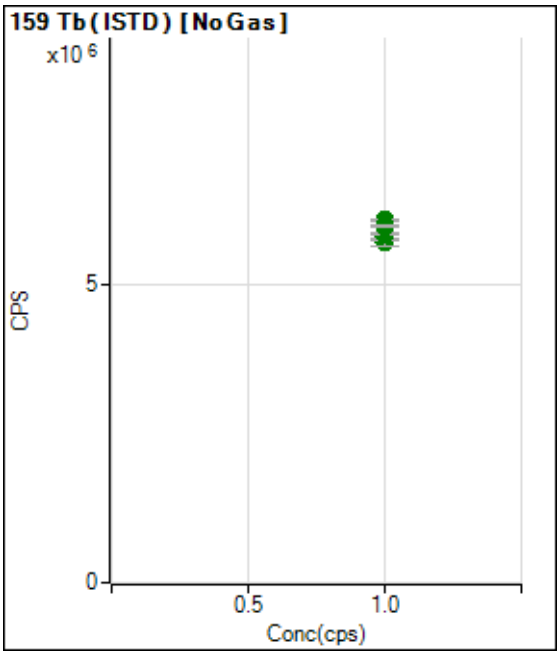


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5084080.33		A	1.2
2	☐	1.000		5052083.01		A	0.2
3	☐	1.000		4980479.17		A	2.0
4	☐	1.000		5071248.46		A	0.8
5	☐	1.000		5124016.11		A	0.4
6	☐	1.000		5171351.79		A	0.8
7	☐	1.000		5087817.52		A	2.4
8	☐	1.000		4923910.10		A	0.9

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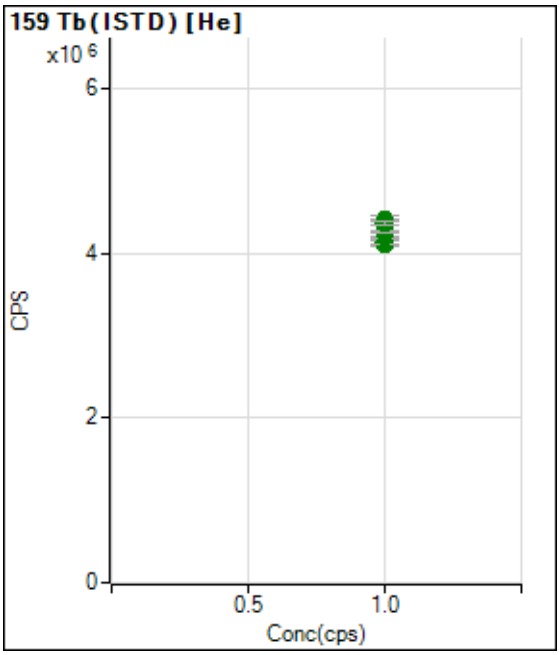


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1889627.05		A	0.3
2	☐	1.000		1909404.20		A	1.5
3	☐	1.000		1873673.11		A	1.1
4	☐	1.000		1921914.95		A	1.2
5	☐	1.000		1911564.49		A	0.3
6	☐	1.000		1906276.77		A	1.8
7	☐	1.000		1835720.04		A	0.7
8	☐	1.000		1834287.00		A	0.9

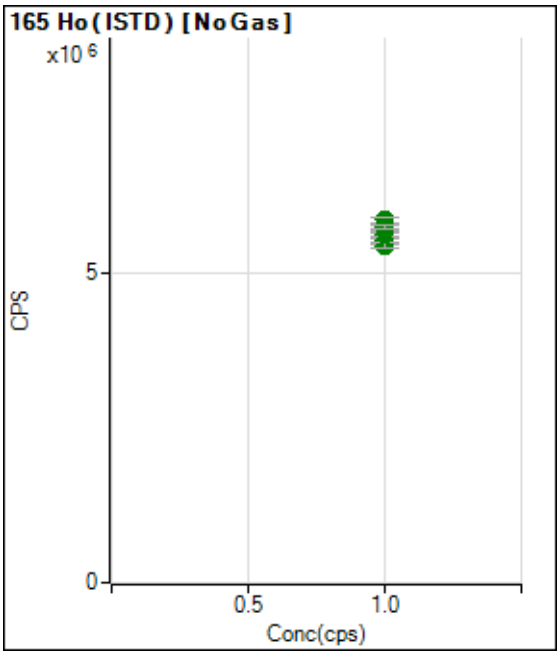


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5793299.01		A	1.0
2	☐	1.000		5741487.00		A	0.4
3	☐	1.000		5692291.23		A	1.8
4	☐	1.000		5830377.34		A	0.5
5	☐	1.000		5952333.94		A	0.2
6	☐	1.000		6039259.01		A	1.4
7	☐	1.000		6072243.80		A	0.8
8	☐	1.000		5974572.27		A	0.9

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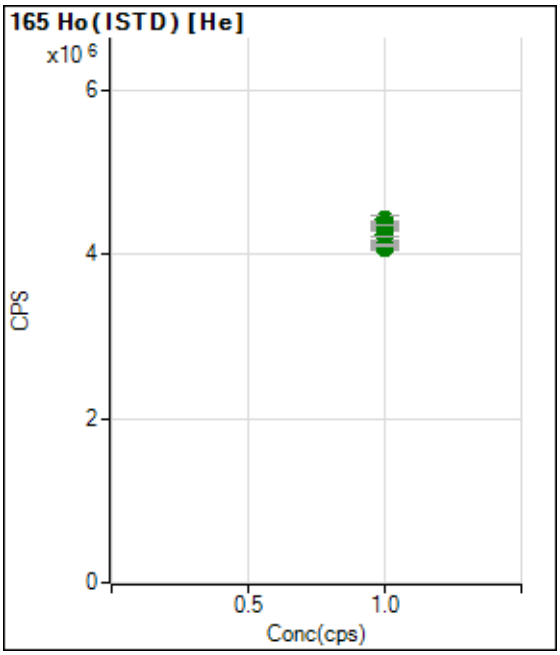


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4100690.25		A	0.3
2	☐	1.000		4128123.41		A	0.8
3	☐	1.000		4122183.62		A	1.1
4	☐	1.000		4197197.68		A	0.5
5	☐	1.000		4254135.77		A	0.6
6	☐	1.000		4403525.59		A	2.5
7	☐	1.000		4386914.28		A	1.6
8	☐	1.000		4363136.32		A	1.5

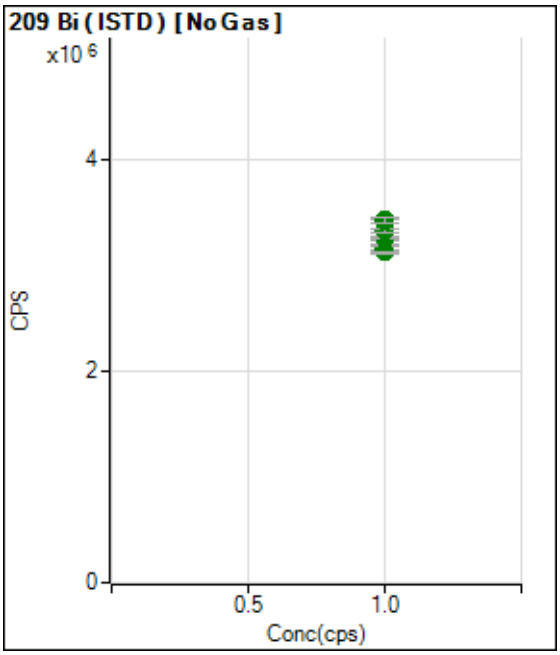


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5542935.68		A	0.8
2	☐	1.000		5494693.67		A	0.9
3	☐	1.000		5456110.13		A	1.9
4	☐	1.000		5620770.06		A	1.1
5	☐	1.000		5698762.97		A	0.2
6	☐	1.000		5817862.27		A	0.6
7	☐	1.000		5872846.37		A	1.3
8	☐	1.000		5756212.62		A	1.2

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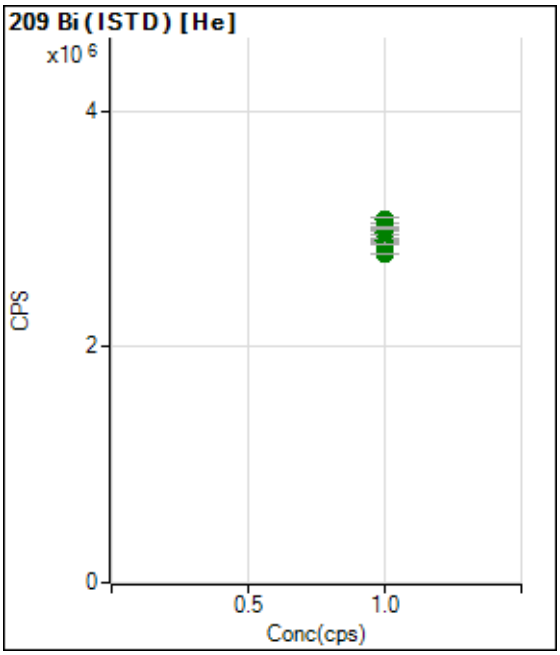


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4068914.66		A	0.8
2	☐	1.000		4154323.27		A	0.6
3	☐	1.000		4114252.85		A	0.9
4	☐	1.000		4254747.12		A	1.2
5	☐	1.000		4335917.44		A	0.6
6	☐	1.000		4424128.27		A	2.4
7	☐	1.000		4395228.72		A	0.5
8	☐	1.000		4363279.21		A	0.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3190320.06		A	2.6
2	☐	1.000		3157437.07		A	1.9
3	☐	1.000		3143409.78		A	2.2
4	☐	1.000		3254573.56		A	0.4
5	☐	1.000		3327013.25		A	1.1
6	☐	1.000		3411988.59		A	0.8
7	☐	1.000		3425689.81		A	1.5
8	☐	1.000		3117262.90		A	0.7

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2913298.39		A	0.5
2	☐	1.000		2875850.65		A	0.6
3	☐	1.000		2896607.21		A	1.3
4	☐	1.000		2975755.23		A	1.4
5	☐	1.000		3000875.30		A	1.0
6	☐	1.000		3077664.64		A	1.9
7	☐	1.000		3015346.59		A	0.5
8	☐	1.000		2789790.96		A	0.4

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7
ClientSampleId :TUNE003

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7102824MS1.b
Acq. Date-Time	2024-10-28 12:48:26
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		6596	65955.72			0.738	5.000
24		203086	2030863.82			0.896	5.000
25		27145	271452.32			0.615	5.000
26		32218	322176.45			0.343	5.000
59		50642	506416.84			0.337	5.000
113		3249	32485.62			0.749	5.000
115		73266	732656.01			0.660	5.000
206		11729	117286.19			1.355	5.000
207		9736	97364.25			1.049	5.000
208		23739	237394.04			1.001	5.000
220		1	10.50			15.430	

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	6655	6618	6605	6574	6526
24	202023	200858	203369	205719	203463
25	26922	27151	27045	27330	27278
26	32055	32214	32225	32367	32226
59	50605	50829	50550	50799	50425
113	3272	3250	3250	3262	3208
115	73916	73136	73323	73380	72573
206	11991	11721	11640	11719	11572
207	9909	9739	9701	9683	9649
208	24152	23603	23701	23683	23559

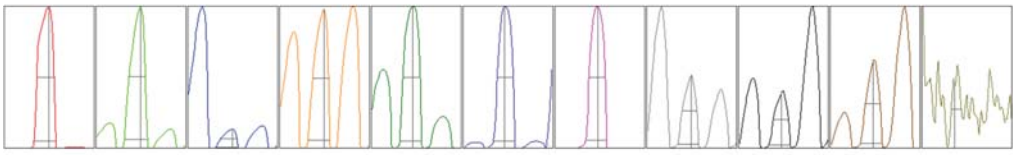
Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7
ClientSampleId :TUNE003

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	12024.02	9.00	8.90 - 9.10	
24	394324.55	24.00	23.90 - 24.10	
25	52076.06	25.00	24.90 - 25.10	
26	62175.92	26.00	25.90 - 26.10	
59	90500.74	58.90	58.90 - 59.10	
113	6306.63	112.90	112.90 - 113.10	
115	140502.37	114.95	114.90 - 115.10	
206	24843.58	206.00	205.90 - 206.10	
207	19816.34	206.95	206.90 - 207.10	
208	49325.89	207.95	207.90 - 208.10	
220	1.25	219.60	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.733	0.900	
24	0.55	0.776	0.900	
25	0.54	0.734	0.900	
26	0.54	0.734	0.900	
59	0.60	0.738	0.900	
113	0.53	0.730	0.900	
115	0.54	0.717	0.900	
206	0.49	0.696	0.900	
207	0.51	0.728	0.900	
208	0.49	0.734	0.900	
220	0.34			

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

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 L/min Dilution Gas 0.40 L/min

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7
ClientSampleId :TUNE003

US EPA Tune Check Report

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	9.4 V	Deflect	15.2 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-110 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	0.9979	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.06		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.6 mm		

EM

Discriminator	4.9 mV	Analog HV	2429 V	Pulse HV	2000 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		17999	179987.74			1.210	
89		90613	906132.64			2.261	
205		18973	189726.43			0.811	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	18265	18051	18039	17977	17661
89	90696	91937	92399	87180	90853
205	19119	18833	18876	19160	18875

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 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	10.6 V	Deflect	4.0 V

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7
ClientSampleId :TUNE003

US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-105 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	0.9979	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.06		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.6 mm		

EM

Discriminator	4.9 mV	Analog HV	2429 V	Pulse HV	2000 V

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:22:42	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-0.05	0.20	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	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	0.01	-0.05	0.04	0.00	N/A	ppb
Cadmium	106-1	0.07	-0.18	0.11	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.01	0.00	0.00	N/A	ppb
Calcium	43-1	0.81	-1.12	0.31	0.00	N/A	ppb
Calcium	44-1	0.25	0.55	-0.80	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	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	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	0.02	-0.07	0.05	0.00	N/A	ppb
Iron	57-2	-0.08	-1.36	1.44	0.00	N/A	ppb
Iron	54-2	-1.01	0.61	0.40	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:22:42	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.24	0.00	-0.24	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	-0.01	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	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	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	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-14.39	-13.44	-15.73	-14.52		ppb
Potassium	39-2	-5.50	2.11	3.39	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.34	-0.60	0.26	0.00	N/A	ppb
Selenium	77-2	-0.10	0.21	-0.10	0.00	N/A	ppb
Selenium	78-2	-0.39	-0.51	0.91	0.00	N/A	ppb
Silicon	28-1	-0.23	0.34	-0.11	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	-0.84	0.80	0.03	0.00	N/A	ppb
Strontium	86-1	-0.02	0.00	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	3.22	84.79	-179.57	-30.52		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	0.01	0.00	N/A	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:22:42	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	0.10	-0.06	-0.04	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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:26:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.41	19.42	19.33	19.39	0.27	ppb
Antimony	121-1	1.76	1.84	1.96	1.85	5.38	ppb
Arsenic	75-2	0.97	1.00	0.96	0.98	2.20	ppb
Barium	135-1	8.74	8.94	8.67	8.78	1.56	ppb
Barium	137-1	8.88	8.81	8.83	8.84	0.43	ppb
Beryllium	9-1	1.03	1.03	1.00	1.02	1.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	1.09	1.02	1.04	3.84	ppb
Cadmium	106-1	0.26	1.46	0.91	0.88	68.59	ppb
Cadmium	111-1	1.00	0.89	0.98	0.96	5.87	ppb
Calcium	43-1	495.43	499.08	511.51	502.00	1.68	ppb
Calcium	44-1	503.81	510.68	515.44	509.98	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.03	1.98	1.95	1.99	2.05	ppb
Cobalt	59-2	0.98	1.06	1.02	1.02	4.24	ppb
Copper	63-2	1.76	1.81	1.75	1.77	1.70	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				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	51.61	51.95	52.78	52.11	1.16	ppb
Iron	57-2	52.31	52.75	52.03	52.37	0.70	ppb
Iron	54-2	51.23	52.56	52.11	51.97	1.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:26:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.82	0.80	0.89	0.84	5.17	ppb
Lead	207-1	0.79	0.81	0.85	0.82	3.47	ppb
Lead	208-1	0.80	0.81	0.86	0.82	4.09	ppb
Lithium	6-1				98		%
Magnesium	24-2	510.47	516.05	520.94	515.82	1.02	ppb
Manganese	55-2	0.96	1.01	0.98	0.98	2.55	ppb
Molybdenum	94-1	5.04	5.03	5.11	5.06	0.79	ppb
Molybdenum	95-1	4.21	4.24	4.32	4.26	1.43	ppb
Molybdenum	96-1	4.26	4.34	4.44	4.35	2.12	ppb
Molybdenum	97-1	4.15	4.15	4.18	4.16	0.31	ppb
Molybdenum	98-1	4.18	4.22	4.33	4.24	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.04	1.00	1.02	2.18	ppb
Phosphorus	31-2	13.15	10.28	20.13	14.52	34.89	ppb
Potassium	39-2	495.24	506.25	502.61	501.36	1.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	4.60	5.08	4.54	4.74	6.28	ppb
Selenium	77-2	5.27	4.29	3.63	4.40	18.78	ppb
Selenium	78-2	4.26	4.92	5.06	4.75	9.01	ppb
Silicon	28-1	1.19	0.99	1.20	1.13	10.65	ppb
Silver	107-1	0.89	0.89	0.91	0.90	1.34	ppb
Silver	109-1	0.87	0.90	0.93	0.90	3.55	ppb
Sodium	23-2	495.46	500.76	493.67	496.63	0.74	ppb
Strontium	86-1	1.02	1.02	0.99	1.01	2.03	ppb
Strontium	88-1	0.94	0.93	0.93	0.93	0.18	ppb
Sulfur	34-1	50.38	-128.31	169.48	30.52	491.11	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.82	0.85	0.88	0.85	3.66	ppb
Thallium	205-1	0.84	0.80	0.84	0.83	2.50	ppb
Tin	118-1	4.45	4.57	4.49	4.50	1.35	ppb
Titanium	47-1	4.32	4.25	4.54	4.37	3.48	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:26:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.80	0.80	0.78	3.12	ppb
Vanadium	51-2	4.83	4.74	4.87	4.81	1.36	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	4.82	4.61	4.65	4.69	2.39	ppb
Zirconium	90-1	0.91	0.94	0.96	0.94	3.11	ppb
Zirconium	91-1	0.93	0.94	0.95	0.94	1.03	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:29:25	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1226.55	1220.33	1208.04	1218.31	0.77	ppb
Antimony	121-1	48.77	48.52	49.27	48.85	0.79	ppb
Arsenic	75-2	50.38	50.43	50.85	50.55	0.51	ppb
Barium	135-1	245.23	235.92	248.53	243.23	2.69	ppb
Barium	137-1	241.73	243.51	245.74	243.66	0.82	ppb
Beryllium	9-1	58.56	54.65	57.71	56.97	3.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	53.73	50.03	52.70	52.15	3.66	ppb
Cadmium	106-1	50.63	52.11	50.50	51.08	1.74	ppb
Cadmium	111-1	53.88	51.09	53.26	52.74	2.77	ppb
Calcium	43-1	6138.51	6266.81	6187.91	6197.74	1.04	ppb
Calcium	44-1	5618.87	5480.57	5598.90	5566.11	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.54	52.40	51.37	51.44	1.81	ppb
Cobalt	59-2	51.15	52.21	51.00	51.46	1.28	ppb
Copper	63-2	505.53	523.10	517.24	515.29	1.74	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				98		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	2662.70	2683.79	2682.94	2676.48	0.45	ppb
Iron	57-2	2712.92	2779.10	2771.93	2754.65	1.32	ppb
Iron	54-2	2834.93	2859.15	2834.83	2842.97	0.49	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:29:25	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	227.75	216.45	232.94	225.71	3.74	ppb
Lead	207-1	218.55	220.47	227.56	222.19	2.14	ppb
Lead	208-1	235.32	235.16	244.42	238.30	2.23	ppb
Lithium	6-1				96		%
Magnesium	24-2	5078.14	5085.00	5090.36	5084.50	0.12	ppb
Manganese	55-2	511.80	518.55	513.01	514.45	0.70	ppb
Molybdenum	94-1	496.08	501.19	504.67	500.65	0.86	ppb
Molybdenum	95-1	513.66	502.77	506.53	507.66	1.09	ppb
Molybdenum	96-1	514.32	511.41	507.38	511.04	0.68	ppb
Molybdenum	97-1	505.28	489.96	512.50	502.58	2.29	ppb
Molybdenum	98-1	504.31	500.96	531.70	512.32	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.58	53.31	53.17	53.02	0.73	ppb
Phosphorus	31-2	1026.36	1015.07	1045.28	1028.90	1.48	ppb
Potassium	39-2	2741.61	2789.67	2732.80	2754.69	1.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	54.10	52.97	54.68	53.92	1.61	ppb
Selenium	77-2	56.37	40.84	46.73	47.98	16.34	ppb
Selenium	78-2	44.54	51.66	50.87	49.02	7.96	ppb
Silicon	28-1	61.24	58.05	58.24	59.17	3.02	ppb
Silver	107-1	51.64	50.20	51.36	51.07	1.50	ppb
Silver	109-1	50.11	50.41	50.83	50.45	0.71	ppb
Sodium	23-2	5154.50	5132.00	5182.64	5156.38	0.49	ppb
Strontium	86-1	1285.25	1305.88	1286.57	1292.57	0.89	ppb
Strontium	88-1	1260.31	1285.23	1274.32	1273.28	0.98	ppb
Sulfur	34-1	1301.57	812.38	870.65	994.87	26.86	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	44.87	44.70	46.22	45.27	1.84	ppb
Thallium	205-1	44.49	43.37	45.28	44.38	2.16	ppb
Tin	118-1	48.55	49.05	49.90	49.17	1.39	ppb
Titanium	47-1	524.25	499.08	509.36	510.89	2.48	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:29:25	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.09	40.75	43.79	42.21	3.61	ppb
Vanadium	51-2	50.03	50.85	50.80	50.56	0.91	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	506.95	509.57	508.24	508.25	0.26	ppb
Zirconium	90-1	51.12	49.49	50.91	50.51	1.76	ppb
Zirconium	91-1	50.59	50.93	52.45	51.33	1.93	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:32:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2730.56	2688.34	2696.37	2705.09	0.83	ppb
Antimony	121-1	120.53	121.66	122.65	121.61	0.87	ppb
Arsenic	75-2	128.69	122.93	124.53	125.38	2.37	ppb
Barium	135-1	594.65	599.89	605.61	600.05	0.91	ppb
Barium	137-1	626.60	646.67	641.04	638.10	1.62	ppb
Beryllium	9-1	135.51	137.34	134.09	135.65	1.20	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	125.46	130.17	130.80	128.81	2.27	ppb
Cadmium	106-1	125.41	130.78	129.61	128.60	2.19	ppb
Cadmium	111-1	129.48	130.15	129.72	129.79	0.26	ppb
Calcium	43-1	15040.51	15094.41	15209.64	15114.85	0.57	ppb
Calcium	44-1	13510.37	13828.42	13927.56	13755.45	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.22	128.85	128.48	127.85	1.12	ppb
Cobalt	59-2	127.65	128.06	127.19	127.63	0.34	ppb
Copper	63-2	1300.30	1291.46	1300.99	1297.58	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				101		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	6633.23	6592.00	6685.63	6636.96	0.71	ppb
Iron	57-2	6844.90	6882.61	6894.38	6873.96	0.38	ppb
Iron	54-2	7071.72	6993.49	7026.40	7030.54	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:32:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	595.69	627.12	629.14	617.32	3.04	ppb
Lead	207-1	617.93	635.71	629.60	627.75	1.44	ppb
Lead	208-1	611.80	636.87	624.36	624.34	2.01	ppb
Lithium	6-1				102		%
Magnesium	24-2	12542.95	12557.31	12375.73	12491.99	0.81	ppb
Manganese	55-2	1275.13	1261.69	1266.47	1267.76	0.54	ppb
Molybdenum	94-1	1260.54	1261.72	1306.85	1276.37	2.07	ppb
Molybdenum	95-1	1256.60	1239.38	1287.44	1261.14	1.93	ppb
Molybdenum	96-1	1261.21	1241.75	1278.43	1260.46	1.46	ppb
Molybdenum	97-1	1251.73	1236.26	1276.08	1254.69	1.60	ppb
Molybdenum	98-1	1224.97	1240.90	1260.73	1242.20	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.03	129.49	130.41	130.31	0.59	ppb
Phosphorus	31-2	2605.99	2565.38	2559.92	2577.10	0.98	ppb
Potassium	39-2	6387.23	6549.08	6324.27	6420.19	1.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	128.47	125.88	130.83	128.39	1.93	ppb
Selenium	77-2	113.19	126.22	128.53	122.65	6.74	ppb
Selenium	78-2	124.25	130.34	123.83	126.14	2.89	ppb
Silicon	28-1	130.38	131.05	129.36	130.26	0.65	ppb
Silver	107-1	124.24	125.77	127.45	125.82	1.28	ppb
Silver	109-1	122.62	125.24	126.63	124.83	1.63	ppb
Sodium	23-2	12803.28	12717.12	12799.55	12773.32	0.38	ppb
Strontium	86-1	3174.81	3122.12	3201.49	3166.14	1.28	ppb
Strontium	88-1	3150.55	3132.91	3201.30	3161.59	1.12	ppb
Sulfur	34-1	2166.68	2154.66	2109.39	2143.58	1.41	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	109.61	111.90	113.32	111.61	1.67	ppb
Thallium	205-1	108.11	110.65	110.63	109.80	1.33	ppb
Tin	118-1	119.84	121.43	122.96	121.41	1.29	ppb
Titanium	47-1	1262.67	1254.96	1254.41	1257.34	0.37	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:32:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	103.45	105.97	106.46	105.29	1.53	ppb
Vanadium	51-2	127.89	126.10	127.47	127.15	0.74	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1259.78	1265.76	1264.19	1263.24	0.25	ppb
Zirconium	90-1	123.93	124.01	126.08	124.67	0.98	ppb
Zirconium	91-1	124.51	123.82	127.38	125.24	1.50	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:35:35	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5165.57	5207.42	5182.02	5185.00	0.41	ppb
Antimony	121-1	249.70	254.03	256.00	253.24	1.27	ppb
Arsenic	75-2	253.59	252.25	248.61	251.48	1.02	ppb
Barium	135-1	1275.99	1276.98	1295.67	1282.88	0.86	ppb
Barium	137-1	1286.44	1278.99	1290.60	1285.34	0.46	ppb
Beryllium	9-1	257.78	265.57	266.53	263.29	1.82	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	252.96	261.44	262.98	259.13	2.08	ppb
Cadmium	106-1	256.09	260.34	257.03	257.82	0.87	ppb
Cadmium	111-1	257.45	258.87	259.93	258.75	0.48	ppb
Calcium	43-1	29741.53	30581.35	30157.28	30160.06	1.39	ppb
Calcium	44-1	27341.73	27643.86	27543.54	27509.71	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255.22	254.10	253.37	254.23	0.37	ppb
Cobalt	59-2	252.44	254.91	252.50	253.28	0.56	ppb
Copper	63-2	2548.32	2577.82	2545.17	2557.10	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				103		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	13093.17	13386.43	13244.13	13241.24	1.11	ppb
Iron	57-2	13613.30	13773.53	13644.61	13677.15	0.62	ppb
Iron	54-2	13223.56	13482.69	13439.25	13381.83	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:35:35	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1274.90	1245.70	1251.90	1257.50	1.22	ppb
Lead	207-1	1278.11	1238.02	1258.06	1258.06	1.59	ppb
Lead	208-1	1261.14	1244.65	1255.94	1253.91	0.67	ppb
Lithium	6-1				109		%
Magnesium	24-2	24981.07	25199.39	24998.76	25059.74	0.48	ppb
Manganese	55-2	2487.80	2510.45	2503.52	2500.59	0.46	ppb
Molybdenum	94-1	2459.42	2524.40	2525.56	2503.13	1.51	ppb
Molybdenum	95-1	2473.12	2550.81	2518.78	2514.24	1.55	ppb
Molybdenum	96-1	2501.84	2539.13	2515.82	2518.93	0.75	ppb
Molybdenum	97-1	2464.19	2512.08	2522.34	2499.54	1.24	ppb
Molybdenum	98-1	2496.84	2517.29	2522.45	2512.20	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.93	260.34	258.41	258.56	0.66	ppb
Phosphorus	31-2	5191.31	5139.10	5153.03	5161.15	0.52	ppb
Potassium	39-2	12896.43	12914.86	12828.82	12880.04	0.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	253.25	265.02	259.41	259.23	2.27	ppb
Selenium	77-2	248.53	239.79	251.11	246.48	2.41	ppb
Selenium	78-2	263.08	247.60	254.70	255.13	3.04	ppb
Silicon	28-1	261.24	270.67	265.79	265.90	1.77	ppb
Silver	107-1	252.58	259.57	260.54	257.56	1.69	ppb
Silver	109-1	249.66	259.20	260.51	256.46	2.31	ppb
Sodium	23-2	25585.72	25962.81	25738.13	25762.22	0.74	ppb
Strontium	86-1	6304.72	6423.47	6428.32	6385.50	1.10	ppb
Strontium	88-1	6283.19	6434.06	6304.77	6340.68	1.29	ppb
Sulfur	34-1	4725.10	4783.75	4566.81	4691.89	2.39	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	223.32	223.13	225.37	223.94	0.55	ppb
Thallium	205-1	253.90	249.91	246.59	250.14	1.46	ppb
Tin	118-1	235.77	240.33	243.12	239.74	1.55	ppb
Titanium	47-1	2531.08	2558.04	2564.39	2551.17	0.69	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:35:35	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	242.39	241.41	250.47	244.76	2.03	ppb
Vanadium	51-2	251.76	254.92	254.55	253.74	0.68	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2493.94	2507.28	2516.17	2505.79	0.45	ppb
Zirconium	90-1	247.45	255.29	255.44	252.73	1.81	ppb
Zirconium	91-1	243.07	254.63	250.77	249.49	2.36	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:38:27	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9810.99	9968.87	9966.28	9915.38	0.91	ppb
Antimony	121-1	495.72	499.96	509.86	501.84	1.45	ppb
Arsenic	75-2	483.76	509.70	503.64	499.03	2.72	ppb
Barium	135-1	2482.29	2506.25	2546.93	2511.82	1.30	ppb
Barium	137-1	2464.40	2490.37	2565.60	2506.79	2.10	ppb
Beryllium	9-1	514.38	521.86	511.45	515.90	1.04	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	506.13	507.03	525.00	512.72	2.08	ppb
Cadmium	106-1	502.56	509.62	515.36	509.18	1.26	ppb
Cadmium	111-1	502.01	502.66	521.15	508.61	2.14	ppb
Calcium	43-1	59323.77	59052.36	61565.59	59980.57	2.30	ppb
Calcium	44-1	53360.77	54297.15	55123.42	54260.45	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.23	496.07	501.14	497.81	0.58	ppb
Cobalt	59-2	495.37	503.64	518.91	505.97	2.36	ppb
Copper	63-2	4995.77	5031.63	5098.44	5041.94	1.03	ppb
Dysprosium	156-1						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				109		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	25752.58	26132.00	26397.72	26094.10	1.24	ppb
Iron	57-2	25647.84	26177.19	26098.60	25974.54	1.10	ppb
Iron	54-2	26184.74	26560.05	26704.82	26483.20	1.01	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:38:27	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2432.30	2564.99	2465.63	2487.64	2.77	ppb
Lead	207-1	2466.42	2525.22	2479.97	2490.53	1.24	ppb
Lead	208-1	2455.83	2548.20	2488.06	2497.37	1.88	ppb
Lithium	6-1				113		%
Magnesium	24-2	48747.21	49776.54	49933.32	49485.69	1.30	ppb
Manganese	55-2	4916.77	4942.74	4961.95	4940.49	0.46	ppb
Molybdenum	94-1	5015.44	5014.64	4966.24	4998.77	0.56	ppb
Molybdenum	95-1	5035.18	5031.87	4982.75	5016.60	0.59	ppb
Molybdenum	96-1	4964.89	5045.92	5012.16	5007.66	0.81	ppb
Molybdenum	97-1	4928.32	5039.29	5008.99	4992.20	1.15	ppb
Molybdenum	98-1	4943.10	5026.76	4987.23	4985.70	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.64	499.80	517.59	507.01	1.85	ppb
Phosphorus	31-2	9897.65	9899.95	10173.18	9990.26	1.59	ppb
Potassium	39-2	25032.59	24905.64	25516.60	25151.61	1.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	499.07	506.84	507.93	504.61	0.96	ppb
Selenium	77-2	505.86	486.04	535.27	509.06	4.87	ppb
Selenium	78-2	500.05	503.65	498.24	500.65	0.55	ppb
Silicon	28-1	517.69	519.27	542.09	526.35	2.59	ppb
Silver	107-1	495.11	509.28	524.29	509.56	2.86	ppb
Silver	109-1	500.80	504.34	515.08	506.74	1.47	ppb
Sodium	23-2	49692.71	51735.84	50993.23	50807.26	2.04	ppb
Strontium	86-1	12448.01	12718.27	12501.26	12555.85	1.14	ppb
Strontium	88-1	12302.62	12668.54	12677.09	12549.42	1.70	ppb
Sulfur	34-1	9773.78	9680.04	10070.53	9841.45	2.07	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	494.87	515.57	503.34	504.59	2.06	ppb
Thallium	205-1	487.24	502.69	494.49	494.80	1.56	ppb
Tin	118-1	494.59	498.16	514.15	502.30	2.07	ppb
Titanium	47-1	4949.18	4946.02	5169.72	5021.64	2.55	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:38:27	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	484.89	507.88	486.70	493.16	2.59	ppb
Vanadium	51-2	483.81	502.45	505.19	497.15	2.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	5044.04	5118.99	5034.29	5065.77	0.91	ppb
Zirconium	90-1	492.84	496.90	495.38	495.04	0.41	ppb
Zirconium	91-1	493.48	501.34	498.09	497.63	0.79	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:41:15	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20012.43	20318.98	20279.17	20203.53	0.83	ppb
Antimony	121-1	974.85	1008.77	1012.63	998.75	2.08	ppb
Arsenic	75-2	988.79	999.79	1011.53	1000.04	1.14	ppb
Barium	135-1	4923.55	5050.55	4993.88	4989.33	1.28	ppb
Barium	137-1	4955.55	5006.74	4997.06	4986.45	0.55	ppb
Beryllium	9-1	999.24	1011.03	950.87	987.05	3.23	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	977.12	997.81	997.39	990.77	1.19	ppb
Cadmium	106-1	984.03	997.23	997.59	992.95	0.78	ppb
Cadmium	111-1	975.83	1006.58	995.90	992.77	1.57	ppb
Calcium	43-1	118307.86	116874.04	115594.90	116925.60	1.16	ppb
Calcium	44-1	106554.69	108288.89	109509.83	108117.80	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1000.50	992.90	1005.42	999.61	0.63	ppb
Cobalt	59-2	986.03	992.10	1009.24	995.79	1.21	ppb
Copper	63-2	10021.63	9843.06	10009.44	9958.04	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				108		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	52869.04	52426.11	52635.39	52643.52	0.42	ppb
Iron	57-2	52204.08	52446.91	52971.43	52540.80	0.75	ppb
Iron	54-2	53556.11	53244.30	53711.41	53503.94	0.44	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:41:15	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4983.75	5064.16	4971.53	5006.48	1.01	ppb
Lead	207-1	4974.74	5031.41	5005.15	5003.76	0.57	ppb
Lead	208-1	4944.96	5053.01	5005.05	5001.01	1.08	ppb
Lithium	6-1				116		%
Magnesium	24-2	99523.12	99356.45	99852.17	99577.25	0.25	ppb
Manganese	55-2	10025.64	10021.98	10032.37	10026.67	0.05	ppb
Molybdenum	94-1	9841.83	10168.54	9979.14	9996.50	1.64	ppb
Molybdenum	95-1	9867.18	10174.74	9917.17	9986.36	1.65	ppb
Molybdenum	96-1	9772.30	10135.21	10061.23	9989.58	1.92	ppb
Molybdenum	97-1	9849.36	10126.17	10034.36	10003.30	1.41	ppb
Molybdenum	98-1	9912.18	10133.09	9968.11	10004.46	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.11	984.41	1004.09	993.54	1.00	ppb
Phosphorus	31-2	19961.37	19933.10	19966.03	19953.50	0.09	ppb
Potassium	39-2	50085.01	50026.58	49586.31	49899.30	0.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	988.03	1009.26	987.02	994.77	1.26	ppb
Selenium	77-2	990.08	983.78	1016.39	996.75	1.74	ppb
Selenium	78-2	985.59	998.04	1011.27	998.30	1.29	ppb
Silicon	28-1	985.34	974.88	985.25	981.82	0.61	ppb
Silver	107-1	986.57	1001.62	991.32	993.17	0.77	ppb
Silver	109-1	979.51	997.43	1008.10	995.01	1.45	ppb
Sodium	23-2	102516.57	102671.00	103784.93	102990.83	0.67	ppb
Strontium	86-1	24860.92	25165.87	24766.00	24930.93	0.84	ppb
Strontium	88-1	24465.04	25352.15	25023.46	24946.89	1.80	ppb
Sulfur	34-1	20282.99	20173.89	20146.46	20201.11	0.36	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	988.26	1024.08	1006.04	1006.13	1.78	ppb
Thallium	205-1	997.53	1009.67	1007.03	1004.75	0.64	ppb
Tin	118-1	972.04	1019.83	1013.85	1001.91	2.60	ppb
Titanium	47-1	9876.47	9997.64	10050.67	9974.93	0.90	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:41:15	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	997.40	1014.87	1010.48	1007.59	0.90	ppb
Vanadium	51-2	998.52	992.64	1009.43	1000.19	0.85	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	9982.29	9930.65	9977.85	9963.60	0.29	ppb
Zirconium	90-1	993.46	1015.05	996.92	1001.81	1.16	ppb
Zirconium	91-1	987.78	1016.13	999.73	1001.21	1.42	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:44:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99502.33	100461.34	99889.92	99951.20	0.48	ppb
Antimony	121-1	0.93	0.88	0.94	0.92	3.45	ppb
Arsenic	75-2	0.49	0.49	0.52	0.50	2.95	ppb
Barium	135-1	2.07	2.07	2.07	2.07	0.22	ppb
Barium	137-1	2.17	2.25	2.01	2.14	5.78	ppb
Beryllium	9-1	0.20	0.16	0.17	0.18	10.21	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.37	0.55	0.44	0.45	20.67	ppb
Cadmium	106-1	0.97	0.56	-0.18	0.45	130.22	ppb
Cadmium	111-1	0.27	0.24	0.10	0.20	44.20	ppb
Calcium	43-1	483468.03	508924.31	493452.07	495281.47	2.59	ppb
Calcium	44-1	486371.68	509270.21	497721.67	497787.85	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.07	3.01	3.36	3.15	5.90	ppb
Cobalt	59-2	2.69	2.52	2.64	2.61	3.37	ppb
Copper	63-2	2.32	2.33	2.32	2.32	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				104		%
Holmium	165-2				107		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	248383.27	247633.63	251923.26	249313.39	0.92	ppb
Iron	57-2	249657.57	248382.88	249911.69	249317.38	0.33	ppb
Iron	54-2	249018.53	248369.97	249863.08	249083.86	0.30	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:44:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.30	1.17	1.10	1.19	8.55	ppb
Lead	207-1	1.27	1.15	1.09	1.17	7.66	ppb
Lead	208-1	1.26	1.13	1.10	1.16	6.95	ppb
Lithium	6-1				112		%
Magnesium	24-2	496656.59	497458.01	506282.40	500132.33	1.07	ppb
Manganese	55-2	5.27	5.10	5.19	5.19	1.68	ppb
Molybdenum	94-1	2.82	2.56	2.40	2.59	8.24	ppb
Molybdenum	95-1	1.90	1.75	1.67	1.78	6.56	ppb
Molybdenum	96-1	3.21	2.93	2.92	3.02	5.50	ppb
Molybdenum	97-1	1.93	1.75	1.67	1.79	7.30	ppb
Molybdenum	98-1	1.87	1.70	1.61	1.73	7.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.62	4.32	4.54	4.50	3.48	ppb
Phosphorus	31-2	-4.43	-3.48	-7.31	-5.08		ppb
Potassium	39-2	248828.50	248101.07	253007.95	249979.17	1.06	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.40	0.60	0.61	0.54	22.32	ppb
Selenium	77-2	0.21	0.21	0.84	0.42	86.33	ppb
Selenium	78-2	-0.36	1.22	-1.65	-0.26		ppb
Silicon	28-1	1.74	1.89	1.23	1.62	21.48	ppb
Silver	107-1	0.18	0.15	0.13	0.15	17.10	ppb
Silver	109-1	0.17	0.15	0.14	0.15	11.90	ppb
Sodium	23-2	499254.11	497789.16	500780.54	499274.60	0.30	ppb
Strontium	86-1	5.32	4.72	4.70	4.91	7.14	ppb
Strontium	88-1	5.17	4.67	4.51	4.79	7.26	ppb
Sulfur	34-1	-1363.37	-1024.32	-1188.39	-1192.02		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.20	0.19	0.14	0.18	17.30	ppb
Thallium	205-1	0.18	0.16	0.14	0.16	12.21	ppb
Tin	118-1	0.51	0.54	0.51	0.52	3.73	ppb
Titanium	47-1	1.68	1.48	1.49	1.55	7.02	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:44:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.07	0.07	0.08	20.51	ppb
Vanadium	51-2	0.24	0.19	0.23	0.22	12.62	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	9.95	9.76	10.04	9.92	1.47	ppb
Zirconium	90-1	0.63	0.59	0.59	0.60	4.56	ppb
Zirconium	91-1	0.63	0.66	0.59	0.63	6.13	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:03:36	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	536.57	533.24	533.95	534.59	0.33	ppb
Antimony	121-1	191.08	193.92	194.69	193.23	0.98	ppb
Arsenic	75-2	200.72	200.46	206.22	202.47	1.61	ppb
Barium	135-1	91.78	93.77	94.15	93.23	1.37	ppb
Barium	137-1	93.63	93.33	95.55	94.17	1.28	ppb
Beryllium	9-1	107.18	107.42	109.69	108.10	1.28	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	93.13	97.29	97.45	95.96	2.55	ppb
Cadmium	106-1	89.97	89.33	95.69	91.66	3.82	ppb
Cadmium	111-1	101.84	103.77	105.19	103.60	1.62	ppb
Calcium	43-1	2052.58	2045.04	2004.98	2034.20	1.26	ppb
Calcium	44-1	2021.62	2048.43	2050.20	2040.08	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.69	101.24	100.05	100.99	0.84	ppb
Cobalt	59-2	100.94	102.21	100.77	101.31	0.78	ppb
Copper	63-2	94.47	95.19	93.31	94.32	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				100		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	2046.22	2062.37	2032.63	2047.07	0.73	ppb
Iron	57-2	2098.09	2091.61	2075.24	2088.32	0.56	ppb
Iron	54-2	2205.91	2226.72	2194.20	2208.94	0.75	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:03:36	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	188.56	186.20	191.58	188.78	1.43	ppb
Lead	207-1	180.52	177.44	179.56	179.18	0.88	ppb
Lead	208-1	184.19	181.83	186.34	184.12	1.23	ppb
Lithium	6-1				104		%
Magnesium	24-2	1211.01	1215.47	1206.78	1211.08	0.36	ppb
Manganese	55-2	99.52	100.22	99.59	99.78	0.39	ppb
Molybdenum	94-1	0.14	0.14	0.10	0.13	19.85	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	10.95	ppb
Molybdenum	96-1	0.08	0.06	0.06	0.07	15.86	ppb
Molybdenum	97-1	0.05	0.08	0.05	0.06	29.54	ppb
Molybdenum	98-1	0.06	0.04	0.06	0.05	15.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.38	104.27	104.09	103.91	0.45	ppb
Phosphorus	31-2	-13.64	-14.25	-13.69	-13.86		ppb
Potassium	39-2	2053.56	2068.73	2037.52	2053.27	0.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	213.51	207.36	213.37	211.41	1.66	ppb
Selenium	77-2	204.48	219.51	212.97	212.32	3.55	ppb
Selenium	78-2	211.67	215.66	211.51	212.95	1.10	ppb
Silicon	28-1	-0.26	-0.28	-0.39	-0.31		ppb
Silver	107-1	47.38	48.43	49.12	48.31	1.82	ppb
Silver	109-1	47.02	48.21	48.57	47.93	1.69	ppb
Sodium	23-2	2027.08	2060.80	2022.40	2036.76	1.03	ppb
Strontium	86-1	0.31	0.29	0.32	0.30	5.84	ppb
Strontium	88-1	0.30	0.29	0.30	0.30	1.46	ppb
Sulfur	34-1	-774.86	-1076.47	-1259.13	-1036.82		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	189.73	189.33	191.37	190.14	0.57	ppb
Thallium	205-1	214.16	210.10	215.27	213.17	1.28	ppb
Tin	118-1	0.06	0.05	0.04	0.05	22.08	ppb
Titanium	47-1	0.04	0.02	0.06	0.04	51.13	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:03:36	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	30.04	ppb
Vanadium	51-2	96.84	97.94	97.29	97.36	0.57	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	192.01	193.95	193.81	193.26	0.56	ppb
Zirconium	90-1	0.05	0.06	0.06	0.05	9.85	ppb
Zirconium	91-1	0.10	0.07	0.09	0.09	21.63	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:06:57	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.68	6.64	7.07	6.79	3.50	ppb
Antimony	121-1	0.16	0.13	0.13	0.14	12.97	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.01	247.13	ppb
Barium	135-1	0.06	0.04	0.02	0.04	63.19	ppb
Barium	137-1	0.03	0.04	0.04	0.04	24.35	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	33.67	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.05	0.11	0.01	652.68	ppb
Cadmium	106-1	0.22	0.39	-0.12	0.16	157.78	ppb
Cadmium	111-1	0.03	0.04	0.00	0.02	81.89	ppb
Calcium	43-1	10.00	11.07	12.92	11.33	13.04	ppb
Calcium	44-1	14.24	7.96	13.10	11.77	28.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.07	0.03	0.04	46.18	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	58.33	ppb
Copper	63-2	0.08	0.12	0.12	0.11	20.31	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				99		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	1.30	1.15	1.22	1.23	6.06	ppb
Iron	57-2	1.58	0.93	2.18	1.57	39.93	ppb
Iron	54-2	1.24	2.15	2.59	1.99	34.43	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:06:57	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.11	0.10	0.09	0.10	8.15	ppb
Lead	207-1	0.08	0.10	0.08	0.09	12.17	ppb
Lead	208-1	0.10	0.09	0.09	0.09	2.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.44	0.54	0.46	0.48	10.80	ppb
Manganese	55-2	0.01	0.02	0.05	0.03	82.80	ppb
Molybdenum	94-1	0.17	0.24	0.13	0.18	31.90	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	23.40	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	16.04	ppb
Molybdenum	97-1	0.02	0.02	0.01	0.02	46.14	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	9.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.06	0.03	69.57	ppb
Phosphorus	31-2	-16.18	-13.79	-12.26	-14.08		ppb
Potassium	39-2	4.29	7.15	4.02	5.16	33.64	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.29	-0.42	-0.52	-0.41		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	0.98	-1.34	-0.66	-0.34		ppb
Silicon	28-1	0.84	0.44	0.34	0.54	48.24	ppb
Silver	107-1	0.03	0.03	0.02	0.03	10.89	ppb
Silver	109-1	0.02	0.03	0.02	0.02	12.35	ppb
Sodium	23-2	14.44	14.52	13.53	14.16	3.90	ppb
Strontium	86-1	0.06	0.18	0.01	0.09	98.79	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	9.84	ppb
Sulfur	34-1	-597.93	-1720.30	-969.51	-1095.91		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.05	0.04	0.05	16.31	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	18.62	ppb
Tin	118-1	0.02	0.07	0.03	0.04	66.60	ppb
Titanium	47-1	0.03	0.08	-0.03	0.03	188.22	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:06:57	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	83.86	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	21.51	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.74	0.67	0.45	0.62	24.70	ppb
Zirconium	90-1	0.10	0.11	0.07	0.09	25.14	ppb
Zirconium	91-1	0.10	0.10	0.08	0.09	16.82	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:10:17	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88158.20	86459.65	86556.62	87058.16	1.10	ppb
Antimony	121-1	1.13	1.01	1.07	1.07	5.76	ppb
Arsenic	75-2	0.30	0.34	0.45	0.36	21.77	ppb
Barium	135-1	1.40	1.20	1.35	1.32	8.14	ppb
Barium	137-1	1.33	1.19	1.36	1.29	7.18	ppb
Beryllium	9-1	0.33	0.31	0.29	0.31	6.68	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.16	5.83	4.68	5.55	13.98	ppb
Cadmium	106-1	-0.62	-1.50	-0.06	-0.73		ppb
Cadmium	111-1	0.25	0.17	0.32	0.25	31.00	ppb
Calcium	43-1	101917.91	94283.77	96602.26	97601.31	4.01	ppb
Calcium	44-1	100498.74	94738.21	95901.24	97046.06	3.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.06	18.94	19.04	19.01	0.33	ppb
Cobalt	59-2	1.17	1.16	1.18	1.17	0.78	ppb
Copper	63-2	6.73	6.76	6.84	6.78	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				105		%
Holmium	165-2				110		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	97758.94	97550.54	98249.77	97853.08	0.37	ppb
Iron	57-2	96624.89	97107.27	97101.12	96944.43	0.29	ppb
Iron	54-2	98863.04	99311.73	98641.77	98938.85	0.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:10:17	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.23	4.07	4.17	4.16	2.04	ppb
Lead	207-1	3.68	3.85	3.85	3.79	2.55	ppb
Lead	208-1	3.83	3.84	3.94	3.87	1.50	ppb
Lithium	6-1				107		%
Magnesium	24-2	93787.84	93487.64	92799.26	93358.25	0.54	ppb
Manganese	55-2	7.76	7.70	7.87	7.77	1.13	ppb
Molybdenum	94-1	1505.35	1351.84	1404.45	1420.55	5.49	ppb
Molybdenum	95-1	1810.04	1664.24	1683.16	1719.15	4.61	ppb
Molybdenum	96-1	1772.72	1630.31	1642.42	1681.82	4.69	ppb
Molybdenum	97-1	1794.68	1646.39	1654.29	1698.45	4.91	ppb
Molybdenum	98-1	1778.96	1672.89	1667.95	1706.60	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.37	5.11	5.48	5.32	3.57	ppb
Phosphorus	31-2	96549.88	95591.35	95482.64	95874.62	0.61	ppb
Potassium	39-2	95081.43	93986.31	93843.17	94303.64	0.72	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	0.15	-0.14	0.36	0.12	201.38	ppb
Selenium	77-2	-0.10	-0.10	0.51	0.10	354.82	ppb
Selenium	78-2	-0.01	-2.36	0.26	-0.70		ppb
Silicon	28-1	3.43	1.68	1.97	2.36	39.81	ppb
Silver	107-1	0.09	0.07	0.06	0.07	23.48	ppb
Silver	109-1	0.10	0.07	0.07	0.08	20.42	ppb
Sodium	23-2	95131.68	94100.44	92828.37	94020.17	1.23	ppb
Strontium	86-1	33.98	31.61	32.40	32.66	3.70	ppb
Strontium	88-1	34.25	31.70	31.99	32.65	4.27	ppb
Sulfur	34-1	109088.38	100720.17	103211.22	104339.92	4.12	ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.11	0.13	0.13	0.12	7.74	ppb
Thallium	205-1	0.11	0.13	0.13	0.12	7.03	ppb
Tin	118-1	0.15	0.16	0.18	0.16	8.95	ppb
Titanium	47-1	1860.99	1735.59	1780.21	1792.26	3.55	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:10:17	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	2.96	ppb
Vanadium	51-2	0.16	0.17	0.15	0.16	7.15	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	10.54	10.98	10.90	10.81	2.15	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	18.19	ppb
Zirconium	91-1	0.03	0.02	0.03	0.02	27.46	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:13:24	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87037.11	87632.26	86255.23	86974.87	0.79	ppb
Antimony	121-1	18.77	20.51	19.61	19.63	4.42	ppb
Arsenic	75-2	19.33	19.28	18.94	19.18	1.12	ppb
Barium	135-1	17.81	19.51	19.46	18.93	5.13	ppb
Barium	137-1	18.49	19.61	19.16	19.09	2.95	ppb
Beryllium	9-1	20.73	20.96	20.49	20.73	1.13	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	20.18	23.39	23.39	22.32	8.32	ppb
Cadmium	106-1	17.09	17.32	16.52	16.98	2.44	ppb
Cadmium	111-1	18.27	20.51	19.74	19.51	5.82	ppb
Calcium	43-1	93373.72	93981.42	95854.23	94403.12	1.37	ppb
Calcium	44-1	92523.84	95905.18	95533.07	94654.03	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.21	38.01	37.11	37.78	1.55	ppb
Cobalt	59-2	20.30	19.92	19.77	20.00	1.36	ppb
Copper	63-2	24.55	24.24	23.78	24.19	1.61	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				108		%
Holmium	165-2				111		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	98999.52	99007.11	98131.22	98712.62	0.51	ppb
Iron	57-2	97377.70	96744.42	96558.55	96893.56	0.44	ppb
Iron	54-2	98967.15	98563.42	97007.55	98179.37	1.05	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:13:24	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.35	23.60	24.05	23.67	1.49	ppb
Lead	207-1	22.89	21.70	22.36	22.32	2.69	ppb
Lead	208-1	23.22	22.82	22.81	22.95	1.03	ppb
Lithium	6-1				108		%
Magnesium	24-2	92253.99	93790.54	92217.43	92753.98	0.97	ppb
Manganese	55-2	26.66	26.94	26.26	26.62	1.30	ppb
Molybdenum	94-1	1362.28	1410.08	1465.65	1412.67	3.66	ppb
Molybdenum	95-1	1619.43	1697.42	1733.07	1683.31	3.45	ppb
Molybdenum	96-1	1611.45	1666.96	1688.72	1655.71	2.41	ppb
Molybdenum	97-1	1627.29	1670.17	1701.83	1666.43	2.24	ppb
Molybdenum	98-1	1642.58	1660.82	1696.49	1666.63	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.98	24.80	23.92	24.23	2.04	ppb
Phosphorus	31-2	96641.16	96467.44	95288.68	96132.43	0.77	ppb
Potassium	39-2	95323.14	94175.80	93509.84	94336.26	0.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	19.63	18.66	19.77	19.35	3.13	ppb
Selenium	77-2	20.33	18.78	17.07	18.72	8.70	ppb
Selenium	78-2	21.26	23.18	18.80	21.08	10.42	ppb
Silicon	28-1	1.22	1.57	2.25	1.68	30.99	ppb
Silver	107-1	16.65	18.42	17.78	17.62	5.09	ppb
Silver	109-1	16.71	17.90	17.38	17.33	3.43	ppb
Sodium	23-2	94112.49	95314.77	93951.25	94459.51	0.79	ppb
Strontium	86-1	32.01	33.21	32.46	32.56	1.85	ppb
Strontium	88-1	31.44	32.20	33.39	32.35	3.04	ppb
Sulfur	34-1	98252.62	97540.81	100849.94	98881.13	1.76	ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	19.97	19.04	19.54	19.52	2.37	ppb
Thallium	205-1	19.75	19.47	19.15	19.46	1.56	ppb
Tin	118-1	0.30	0.32	0.30	0.31	3.92	ppb
Titanium	47-1	1717.80	1764.57	1796.76	1759.71	2.26	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:13:24	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	7.86	ppb
Vanadium	51-2	18.89	18.93	18.68	18.83	0.70	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	31.85	31.06	30.60	31.17	2.03	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	14.41	ppb
Zirconium	91-1	0.02	0.03	0.03	0.02	25.66	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:16:30	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47133.34	47235.00	46893.54	47087.29	0.37	ppb
Antimony	121-1	453.61	460.79	466.51	460.31	1.40	ppb
Arsenic	75-2	490.29	493.68	494.64	492.87	0.46	ppb
Barium	135-1	2284.08	2337.32	2342.08	2321.16	1.39	ppb
Barium	137-1	2332.15	2374.10	2323.94	2343.40	1.15	ppb
Beryllium	9-1	488.24	499.65	494.81	494.23	1.16	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	473.04	493.01	487.81	484.62	2.14	ppb
Cadmium	106-1	476.82	494.21	493.97	488.33	2.04	ppb
Cadmium	111-1	481.90	496.92	494.81	491.21	1.66	ppb
Calcium	43-1	240385.55	240057.42	241107.26	240516.75	0.22	ppb
Calcium	44-1	236597.99	232285.41	238849.07	235910.82	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460.80	462.95	472.00	465.25	1.28	ppb
Cobalt	59-2	501.79	504.85	504.89	503.85	0.35	ppb
Copper	63-2	4778.92	4824.45	4890.73	4831.37	1.16	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				109		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	119546.85	120708.86	121745.65	120667.12	0.91	ppb
Iron	57-2	120493.61	120188.84	120982.59	120555.01	0.33	ppb
Iron	54-2	120308.70	120788.74	120242.49	120446.64	0.25	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:16:30	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2295.74	2358.22	2365.97	2339.98	1.65	ppb
Lead	207-1	2337.64	2373.66	2336.52	2349.27	0.90	ppb
Lead	208-1	2331.48	2345.15	2366.33	2347.66	0.75	ppb
Lithium	6-1				106		%
Magnesium	24-2	231976.54	232892.42	228532.23	231133.73	0.99	ppb
Manganese	55-2	4535.09	4641.27	4678.29	4618.22	1.61	ppb
Molybdenum	94-1	4671.58	4774.04	4704.12	4716.58	1.11	ppb
Molybdenum	95-1	4713.26	4728.76	4694.40	4712.14	0.37	ppb
Molybdenum	96-1	4667.47	4712.78	4630.75	4670.33	0.88	ppb
Molybdenum	97-1	4563.12	4606.53	4660.52	4610.06	1.06	ppb
Molybdenum	98-1	4611.58	4591.66	4684.42	4629.22	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.18	487.21	491.48	488.62	0.51	ppb
Phosphorus	31-2	9294.30	9297.85	9279.95	9290.70	0.10	ppb
Potassium	39-2	117773.18	117631.05	116742.93	117382.39	0.48	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	497.66	495.65	500.16	497.83	0.45	ppb
Selenium	77-2	485.43	515.00	499.99	500.14	2.96	ppb
Selenium	78-2	486.02	508.02	496.66	496.90	2.21	ppb
Silicon	28-1	972.75	959.09	977.75	969.87	1.00	ppb
Silver	107-1	474.03	487.35	487.43	482.94	1.60	ppb
Silver	109-1	479.30	492.82	485.25	485.79	1.40	ppb
Sodium	23-2	230577.90	232025.02	232949.83	231850.91	0.52	ppb
Strontium	86-1	11575.42	11739.31	11667.07	11660.60	0.70	ppb
Strontium	88-1	11558.23	11808.15	11737.57	11701.31	1.10	ppb
Sulfur	34-1	8668.77	7999.23	7983.85	8217.28	4.76	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	471.58	471.83	474.72	472.71	0.37	ppb
Thallium	205-1	456.43	470.92	480.67	469.34	2.60	ppb
Tin	118-1	443.18	467.01	466.88	459.02	2.99	ppb
Titanium	47-1	4686.17	4678.03	4757.58	4707.26	0.93	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:16:30	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	467.06	471.89	483.73	474.22	1.81	ppb
Vanadium	51-2	462.08	459.37	462.49	461.31	0.37	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	4837.02	4798.34	4877.31	4837.56	0.82	ppb
Zirconium	90-1	465.65	479.62	469.23	471.50	1.54	ppb
Zirconium	91-1	467.96	472.18	470.67	470.27	0.46	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:19:19	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.80	3.16	3.29	3.08	8.32	ppb
Antimony	121-1	0.37	0.36	0.37	0.37	1.78	ppb
Arsenic	75-2	0.02	0.04	0.04	0.03	38.61	ppb
Barium	135-1	0.21	0.11	0.08	0.13	52.99	ppb
Barium	137-1	0.18	0.10	0.11	0.13	32.29	ppb
Beryllium	9-1	0.07	0.05	0.05	0.05	22.86	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.24	0.03	0.09	0.12	85.89	ppb
Cadmium	106-1	0.10	-0.44	-0.07	-0.14		ppb
Cadmium	111-1	0.09	0.00	0.03	0.04	110.72	ppb
Calcium	43-1	25.81	15.18	15.15	18.72	32.84	ppb
Calcium	44-1	26.19	17.33	11.99	18.50	38.77	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	0.00		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	27.90	ppb
Copper	63-2	0.24	0.23	0.21	0.23	4.87	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				107		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	5.52	5.14	5.03	5.23	4.97	ppb
Iron	57-2	-3.27	-0.91	-0.18	-1.45		ppb
Iron	54-2	4.82	4.03	4.51	4.46	8.92	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:19:19	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.30	0.18	0.17	0.22	31.83	ppb
Lead	207-1	0.28	0.21	0.16	0.22	28.31	ppb
Lead	208-1	0.29	0.20	0.17	0.22	27.05	ppb
Lithium	6-1				109		%
Magnesium	24-2	9.50	9.39	8.19	9.03	8.07	ppb
Manganese	55-2	0.16	0.17	0.11	0.14	23.92	ppb
Molybdenum	94-1	0.65	0.47	0.43	0.52	22.33	ppb
Molybdenum	95-1	0.61	0.46	0.35	0.47	27.27	ppb
Molybdenum	96-1	0.61	0.44	0.35	0.47	27.79	ppb
Molybdenum	97-1	0.58	0.43	0.38	0.46	22.57	ppb
Molybdenum	98-1	0.57	0.44	0.38	0.47	20.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.07	0.04	0.07	36.62	ppb
Phosphorus	31-2	-9.78	-13.06	-9.03	-10.62		ppb
Potassium	39-2	25.37	19.92	21.78	22.36	12.40	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	-0.25	-0.57	-0.85	-0.56		ppb
Selenium	77-2	-0.10	-0.10	0.21	0.00	74779.14	ppb
Selenium	78-2	-0.82	-1.38	-1.73	-1.31		ppb
Silicon	28-1	-1.38	-1.56	-1.84	-1.59		ppb
Silver	107-1	0.07	0.06	0.06	0.06	14.73	ppb
Silver	109-1	0.08	0.07	0.05	0.07	23.47	ppb
Sodium	23-2	49.88	48.27	50.23	49.46	2.11	ppb
Strontium	86-1	0.93	0.57	0.44	0.65	39.25	ppb
Strontium	88-1	0.96	0.63	0.43	0.67	40.02	ppb
Sulfur	34-1	-1814.15	-1876.72	-1982.72	-1891.19		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.10	0.09	0.11	19.13	ppb
Thallium	205-1	0.12	0.10	0.09	0.10	19.08	ppb
Tin	118-1	0.71	0.09	0.08	0.30	122.36	ppb
Titanium	47-1	0.49	0.30	0.30	0.36	30.94	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:19:19	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.02	0.02	0.02	46.43	ppb
Vanadium	51-2	0.02	0.01	0.01	0.02	32.07	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	0.42	0.47	0.35	0.41	13.95	ppb
Zirconium	90-1	0.10	0.08	0.06	0.08	23.09	ppb
Zirconium	91-1	0.08	0.07	0.06	0.07	10.89	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-10	Instrumnet Name :	P7
Client Sample ID :	MYDB30	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:22:38	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32230.58	32178.67	31937.96	32115.74	0.49	ppb
Antimony	121-1	1.88	1.89	2.05	1.94	4.93	ppb
Arsenic	75-2	197.31	198.03	193.94	196.43	1.11	ppb
Barium	135-1	296.05	305.08	311.01	304.05	2.48	ppb
Barium	137-1	294.53	300.85	308.79	301.39	2.37	ppb
Beryllium	9-1	1.46	1.55	1.49	1.50	2.95	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.32	2.96	3.50	3.26	8.46	ppb
Cadmium	106-1	4.97	3.98	3.81	4.25	14.76	ppb
Cadmium	111-1	3.17	3.16	3.26	3.20	1.66	ppb
Calcium	43-1	17796.95	17399.22	16341.63	17179.26	4.38	ppb
Calcium	44-1	16370.70	16955.39	16121.62	16482.57	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.52	34.41	34.58	34.50	0.25	ppb
Cobalt	59-2	31.50	31.62	31.32	31.48	0.49	ppb
Copper	63-2	147.39	147.11	150.66	148.39	1.33	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				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	76077.91	76208.26	76054.00	76113.39	0.11	ppb
Iron	57-2	74057.72	74697.84	73977.47	74244.34	0.53	ppb
Iron	54-2	75216.54	74893.01	75662.26	75257.27	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-10	Instrumnet Name :	P7
Client Sample ID :	MYDB30	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:22:38	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	183.03	181.86	195.42	186.77	4.02	ppb
Lead	207-1	192.82	187.83	204.40	195.02	4.36	ppb
Lead	208-1	191.63	196.20	196.58	194.80	1.41	ppb
Lithium	6-1				101		%
Magnesium	24-2	14481.28	14008.25	14430.16	14306.56	1.81	ppb
Manganese	55-2	2196.30	2173.00	2196.39	2188.56	0.62	ppb
Molybdenum	94-1	8.59	8.10	8.47	8.39	3.02	ppb
Molybdenum	95-1	0.85	0.91	0.94	0.90	4.97	ppb
Molybdenum	96-1	1.94	1.87	2.14	1.98	6.95	ppb
Molybdenum	97-1	1.01	0.87	0.93	0.94	7.20	ppb
Molybdenum	98-1	0.86	0.87	0.97	0.90	6.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.59	41.24	41.80	41.54	0.68	ppb
Phosphorus	31-2	3249.83	3305.34	3253.27	3269.48	0.95	ppb
Potassium	39-2	8902.64	8855.50	8829.99	8862.71	0.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.31	0.84	1.50	0.88	67.46	ppb
Selenium	77-2	17.54	17.51	14.77	16.60	9.57	ppb
Selenium	78-2	3.83	2.17	3.21	3.07	27.27	ppb
Silicon	28-1	1176.65	1159.14	1161.64	1165.81	0.81	ppb
Silver	107-1	1.20	1.13	1.20	1.18	3.41	ppb
Silver	109-1	1.16	1.16	1.21	1.18	2.41	ppb
Sodium	23-2	293.00	284.66	296.53	291.40	2.09	ppb
Strontium	86-1	65.40	63.64	70.35	66.46	5.24	ppb
Strontium	88-1	67.72	63.84	68.83	66.80	3.92	ppb
Sulfur	34-1	-956.81	-1251.26	-1561.71	-1256.59		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.47	0.44	0.56	0.49	12.04	ppb
Thallium	205-1	0.46	0.46	0.58	0.50	13.93	ppb
Tin	118-1	2.88	2.81	2.95	2.88	2.39	ppb
Titanium	47-1	707.49	707.46	702.60	705.85	0.40	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-10	Instrumnet Name :	P7
Client Sample ID :	MYDB30	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:22:38	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.68	0.72	0.71	4.05	ppb
Vanadium	51-2	96.70	97.51	98.10	97.43	0.72	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	651.03	646.01	659.88	652.31	1.08	ppb
Zirconium	90-1	4.57	4.46	4.87	4.64	4.61	ppb
Zirconium	91-1	4.54	4.51	4.85	4.64	4.06	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-11RE	Instrumnet Name :	P7
Client Sample ID :	MYDB31	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:25:52	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26092.01	26127.34	25922.38	26047.24	0.42	ppb
Antimony	121-1	0.39	0.22	0.41	0.34	30.88	ppb
Arsenic	75-2	34.34	34.11	34.75	34.40	0.94	ppb
Barium	135-1	231.72	92.95	232.86	185.84	43.29	ppb
Barium	137-1	237.25	92.90	225.12	185.09	43.26	ppb
Beryllium	9-1	1.12	0.46	0.95	0.84	40.72	ppb
Bismuth	209-1				128		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.21	0.82	0.58	55.67	ppb
Cadmium	106-1	1.01	-0.61	0.33	0.24	334.43	ppb
Cadmium	111-1	0.60	0.18	0.56	0.45	51.33	ppb
Calcium	43-1	12199.55	4959.73	10773.77	9311.02	41.19	ppb
Calcium	44-1	11529.04	4742.84	10752.67	9008.18	41.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.35	27.91	27.61	27.96	1.34	ppb
Cobalt	59-2	27.13	27.23	27.09	27.15	0.28	ppb
Copper	63-2	70.72	72.31	70.88	71.30	1.23	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				129		%
Holmium	165-2				105		%
Indium	115-1				127		%
Indium	115-2				102		%
Iron	56-2	54319.66	55852.91	55321.35	55164.64	1.41	ppb
Iron	57-2	54504.00	53667.71	54557.30	54243.00	0.92	ppb
Iron	54-2	55713.54	56539.20	54703.61	55652.12	1.65	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-11RE	Instrumnet Name :	P7
Client Sample ID :	MYDB31	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:25:52	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.04	11.44	26.68	22.05	41.80	ppb
Lead	207-1	28.25	10.95	25.12	21.44	42.99	ppb
Lead	208-1	27.93	11.00	25.34	21.42	42.55	ppb
Lithium	6-1				116		%
Magnesium	24-2	12319.76	12557.47	12392.99	12423.41	0.98	ppb
Manganese	55-2	1191.68	1219.21	1185.84	1198.91	1.49	ppb
Molybdenum	94-1	6.49	2.84	6.05	5.13	38.95	ppb
Molybdenum	95-1	0.57	0.27	0.60	0.48	38.13	ppb
Molybdenum	96-1	1.50	0.68	1.43	1.21	37.54	ppb
Molybdenum	97-1	0.56	0.26	0.56	0.46	38.25	ppb
Molybdenum	98-1	0.57	0.25	0.55	0.46	39.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.10	32.22	31.90	32.07	0.50	ppb
Phosphorus	31-2	2419.69	2432.77	2427.13	2426.53	0.27	ppb
Potassium	39-2	5283.64	5353.11	5446.70	5361.15	1.53	ppb
Rhodium	103-1				123		%
Rhodium	103-2				102		%
Scandium	45-1				129		%
Scandium	45-2				105		%
Selenium	82-1	0.85	-0.20	-0.40	0.08	835.40	ppb
Selenium	77-2	13.81	7.77	13.23	11.60	28.70	ppb
Selenium	78-2	2.35	4.69	4.15	3.73	32.94	ppb
Silicon	28-1	1192.17	473.71	1101.69	922.52	42.42	ppb
Silver	107-1	0.17	0.09	0.18	0.15	33.79	ppb
Silver	109-1	0.17	0.08	0.17	0.14	39.37	ppb
Sodium	23-2	227.38	233.64	230.62	230.55	1.36	ppb
Strontium	86-1	46.48	18.68	43.87	36.34	42.24	ppb
Strontium	88-1	46.44	18.70	43.14	36.09	41.98	ppb
Sulfur	34-1	-3417.14	-6601.22	-4673.01	-4897.12		ppb
Terbium	159-1				128		%
Terbium	159-2				104		%
Thallium	203-1	0.40	0.26	0.40	0.35	23.10	ppb
Thallium	205-1	0.40	0.28	0.42	0.37	20.09	ppb
Tin	118-1	1.58	0.53	1.55	1.22	48.82	ppb
Titanium	47-1	683.37	277.22	619.25	526.61	41.46	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-11RE	Instrumnet Name :	P7
Client Sample ID :	MYDB31	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:25:52	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.22	0.51	0.44	45.07	ppb
Vanadium	51-2	92.89	94.62	93.80	93.77	0.93	ppb
Yttrium	89-1				132		%
Yttrium	89-2				108		%
Zinc	66-2	149.88	150.70	148.38	149.65	0.79	ppb
Zirconium	90-1	3.62	1.48	3.60	2.90	42.49	ppb
Zirconium	91-1	3.81	1.53	3.56	2.97	42.24	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-12	Instrumnet Name :	P7
Client Sample ID :	MYDB32	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:29:04	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29868.67	29613.45	30222.98	29901.70	1.02	ppb
Antimony	121-1	1.40	1.44	1.49	1.44	2.85	ppb
Arsenic	75-2	172.85	174.11	179.48	175.48	2.01	ppb
Barium	135-1	197.07	198.04	201.25	198.79	1.10	ppb
Barium	137-1	197.69	201.17	203.32	200.73	1.41	ppb
Beryllium	9-1	1.19	1.27	1.45	1.30	10.16	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.37	2.52	1.80	2.23	17.06	ppb
Cadmium	106-1	1.56	2.54	2.10	2.07	23.73	ppb
Cadmium	111-1	1.84	1.92	1.88	1.88	2.21	ppb
Calcium	43-1	12546.71	12573.26	12964.32	12694.76	1.84	ppb
Calcium	44-1	12186.02	11953.25	12116.74	12085.34	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.63	35.41	35.18	35.07	1.13	ppb
Cobalt	59-2	27.71	27.57	27.69	27.66	0.27	ppb
Copper	63-2	129.85	130.96	130.53	130.45	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				104		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	72936.29	73629.85	74364.15	73643.43	0.97	ppb
Iron	57-2	71942.68	72650.46	71814.45	72135.86	0.62	ppb
Iron	54-2	73684.74	73810.20	73308.14	73601.03	0.36	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-12	Instrumnet Name :	P7
Client Sample ID :	MYDB32	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:29:04	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.49	133.69	129.59	128.92	3.98	ppb
Lead	207-1	128.95	138.13	134.66	133.91	3.46	ppb
Lead	208-1	127.16	137.54	134.06	132.92	3.97	ppb
Lithium	6-1				92		%
Magnesium	24-2	13275.76	13246.41	13482.55	13334.90	0.97	ppb
Manganese	55-2	1191.95	1203.32	1235.90	1210.39	1.88	ppb
Molybdenum	94-1	10.02	10.59	10.76	10.46	3.72	ppb
Molybdenum	95-1	0.77	0.79	0.78	0.78	1.31	ppb
Molybdenum	96-1	2.05	2.16	2.13	2.11	2.76	ppb
Molybdenum	97-1	0.80	0.75	0.86	0.80	6.63	ppb
Molybdenum	98-1	0.76	0.79	0.77	0.77	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.14	36.70	37.32	37.05	0.86	ppb
Phosphorus	31-2	2894.23	2910.91	2952.01	2919.05	1.02	ppb
Potassium	39-2	6400.98	6352.88	6404.66	6386.17	0.45	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	1.25	0.80	0.68	0.91	32.87	ppb
Selenium	77-2	15.30	12.20	12.83	13.44	12.17	ppb
Selenium	78-2	1.71	5.82	3.77	3.76	54.62	ppb
Silicon	28-1	1116.32	1111.91	1142.66	1123.63	1.48	ppb
Silver	107-1	0.72	0.76	0.77	0.75	3.44	ppb
Silver	109-1	0.72	0.77	0.82	0.77	6.65	ppb
Sodium	23-2	251.57	252.06	262.78	255.47	2.48	ppb
Strontium	86-1	49.00	51.23	51.92	50.72	3.00	ppb
Strontium	88-1	49.31	53.88	54.52	52.57	5.40	ppb
Sulfur	34-1	-3831.61	-4015.22	-4071.72	-3972.85		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.42	0.49	0.49	0.47	8.27	ppb
Thallium	205-1	0.42	0.49	0.52	0.47	11.12	ppb
Tin	118-1	2.38	2.27	2.39	2.35	2.79	ppb
Titanium	47-1	900.54	892.27	917.57	903.46	1.43	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-12	Instrumnet Name :	P7
Client Sample ID :	MYDB32	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:29:04	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.74	0.72	0.71	5.33	ppb
Vanadium	51-2	111.02	111.75	112.85	111.87	0.82	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	504.98	500.71	507.13	504.27	0.65	ppb
Zirconium	90-1	5.62	5.82	5.98	5.81	3.08	ppb
Zirconium	91-1	5.63	5.82	6.02	5.82	3.38	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-10RE	Instrumnet Name :	P7
Client Sample ID :	MYDB30	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:32:20	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32206.29	31978.12	32242.28	32142.23	0.45	ppb
Antimony	121-1	1.83	1.84	1.78	1.82	1.84	ppb
Arsenic	75-2	198.85	197.07	198.69	198.20	0.50	ppb
Barium	135-1	309.09	299.55	299.53	302.72	1.82	ppb
Barium	137-1	305.26	304.69	298.83	302.92	1.18	ppb
Beryllium	9-1	1.47	1.54	1.61	1.54	4.80	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.86	3.48	2.88	3.07	11.30	ppb
Cadmium	106-1	3.09	3.32	3.21	3.21	3.50	ppb
Cadmium	111-1	3.02	2.88	2.81	2.91	3.68	ppb
Calcium	43-1	18130.89	17289.21	17269.16	17563.09	2.80	ppb
Calcium	44-1	16791.07	16246.54	16447.03	16494.88	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.06	34.90	35.01	34.99	0.23	ppb
Cobalt	59-2	32.12	31.46	31.78	31.79	1.04	ppb
Copper	63-2	152.15	150.63	150.42	151.07	0.62	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				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	76367.42	75773.34	75220.87	75787.21	0.76	ppb
Iron	57-2	74190.12	74548.64	74236.71	74325.16	0.26	ppb
Iron	54-2	76525.73	75535.20	75246.82	75769.25	0.89	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-10RE	Instrumnet Name :	P7
Client Sample ID :	MYDB30	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:32:20	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	189.07	185.36	189.93	188.12	1.29	ppb
Lead	207-1	198.59	195.51	200.42	198.17	1.25	ppb
Lead	208-1	196.12	202.81	209.12	202.68	3.21	ppb
Lithium	6-1				92		%
Magnesium	24-2	14157.45	14193.86	14331.50	14227.60	0.65	ppb
Manganese	55-2	2213.01	2194.28	2149.16	2185.48	1.50	ppb
Molybdenum	94-1	7.98	8.30	8.32	8.20	2.33	ppb
Molybdenum	95-1	0.85	0.88	0.88	0.87	2.09	ppb
Molybdenum	96-1	1.88	1.96	2.08	1.98	5.15	ppb
Molybdenum	97-1	0.83	0.81	0.87	0.84	3.40	ppb
Molybdenum	98-1	0.77	0.84	0.82	0.81	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.44	42.36	41.83	42.21	0.79	ppb
Phosphorus	31-2	3255.40	3215.68	3270.22	3247.10	0.87	ppb
Potassium	39-2	9022.67	9091.04	9110.56	9074.75	0.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	1.43	1.07	2.14	1.55	35.23	ppb
Selenium	77-2	13.18	16.89	17.42	15.83	14.60	ppb
Selenium	78-2	5.53	5.56	5.27	5.46	2.91	ppb
Silicon	28-1	1177.97	1140.47	1159.95	1159.46	1.62	ppb
Silver	107-1	1.13	1.13	1.10	1.12	1.74	ppb
Silver	109-1	1.09	1.12	1.13	1.11	1.85	ppb
Sodium	23-2	322.33	316.97	319.03	319.44	0.85	ppb
Strontium	86-1	64.37	67.87	67.93	66.72	3.05	ppb
Strontium	88-1	66.38	68.34	69.18	67.97	2.11	ppb
Sulfur	34-1	-2563.21	-2891.19	-2991.55	-2815.32		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.40	0.41	0.40	0.40	1.16	ppb
Thallium	205-1	0.42	0.42	0.40	0.41	2.54	ppb
Tin	118-1	2.89	2.87	2.80	2.85	1.77	ppb
Titanium	47-1	728.94	711.86	717.83	719.54	1.20	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-10RE	Instrumnet Name :	P7
Client Sample ID :	MYDB30	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:32:20	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.70	0.72	0.71	1.55	ppb
Vanadium	51-2	98.93	97.85	98.26	98.35	0.55	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	658.28	657.82	653.65	656.58	0.39	ppb
Zirconium	90-1	4.26	4.49	4.53	4.43	3.39	ppb
Zirconium	91-1	4.22	4.64	4.62	4.49	5.27	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-13	Instrumnet Name :	P7
Client Sample ID :	MYDB33	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:35:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35067.38	34833.55	34743.52	34881.48	0.48	ppb
Antimony	121-1	0.89	0.94	0.94	0.92	3.05	ppb
Arsenic	75-2	79.07	80.04	80.19	79.76	0.76	ppb
Barium	135-1	242.57	257.78	266.82	255.72	4.79	ppb
Barium	137-1	255.32	255.31	261.68	257.44	1.43	ppb
Beryllium	9-1	1.64	1.37	1.47	1.49	9.07	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.42	1.70	1.36	1.49	11.99	ppb
Cadmium	106-1	1.83	1.57	1.13	1.51	23.14	ppb
Cadmium	111-1	1.10	1.20	1.23	1.18	5.91	ppb
Calcium	43-1	13781.24	13657.22	13434.75	13624.40	1.29	ppb
Calcium	44-1	13187.27	13233.80	13358.81	13259.96	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.66	35.13	35.65	35.48	0.86	ppb
Cobalt	59-2	31.24	31.21	31.52	31.33	0.55	ppb
Copper	63-2	107.24	106.39	108.95	107.53	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				105		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	75767.78	75764.10	76576.92	76036.27	0.62	ppb
Iron	57-2	74758.68	74723.68	75042.87	74841.74	0.23	ppb
Iron	54-2	76684.22	75647.30	76056.32	76129.28	0.69	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-13	Instrumnet Name :	P7
Client Sample ID :	MYDB33	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:35:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.15	65.34	64.74	64.74	0.92	ppb
Lead	207-1	67.62	65.26	65.33	66.07	2.04	ppb
Lead	208-1	65.42	65.41	64.84	65.22	0.51	ppb
Lithium	6-1				94		%
Magnesium	24-2	13809.82	13679.18	14038.26	13842.42	1.31	ppb
Manganese	55-2	1263.90	1280.80	1254.27	1266.32	1.06	ppb
Molybdenum	94-1	10.12	9.95	9.74	9.93	1.89	ppb
Molybdenum	95-1	0.69	0.71	0.70	0.70	1.52	ppb
Molybdenum	96-1	2.04	1.99	1.95	1.99	2.35	ppb
Molybdenum	97-1	0.68	0.71	0.62	0.67	6.41	ppb
Molybdenum	98-1	0.69	0.66	0.64	0.66	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.09	35.52	34.91	35.51	1.66	ppb
Phosphorus	31-2	2097.54	2054.89	2038.35	2063.59	1.48	ppb
Potassium	39-2	6320.80	6365.38	6479.40	6388.53	1.28	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.00	-0.07	0.92	0.28	196.62	ppb
Selenium	77-2	19.03	17.55	15.53	17.37	10.12	ppb
Selenium	78-2	2.99	1.77	3.05	2.60	27.76	ppb
Silicon	28-1	982.17	974.60	953.10	969.96	1.55	ppb
Silver	107-1	0.36	0.43	0.43	0.41	9.35	ppb
Silver	109-1	0.37	0.39	0.40	0.39	4.08	ppb
Sodium	23-2	227.60	232.17	235.19	231.66	1.65	ppb
Strontium	86-1	67.01	63.70	63.74	64.82	2.93	ppb
Strontium	88-1	66.29	64.97	64.21	65.15	1.62	ppb
Sulfur	34-1	-4025.68	-4503.05	-4683.69	-4404.14		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.30	0.33	0.30	0.31	5.44	ppb
Thallium	205-1	0.31	0.30	0.30	0.31	0.43	ppb
Tin	118-1	2.25	2.27	2.29	2.27	0.93	ppb
Titanium	47-1	808.87	776.69	769.03	784.86	2.69	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-13	Instrumnet Name :	P7
Client Sample ID :	MYDB33	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:35:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.84	0.85	0.86	3.33	ppb
Vanadium	51-2	114.77	115.32	116.17	115.42	0.61	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	284.28	280.31	284.96	283.18	0.89	ppb
Zirconium	90-1	5.66	5.51	5.67	5.61	1.61	ppb
Zirconium	91-1	5.97	5.61	5.54	5.71	4.01	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-14	Instrumnet Name :	P7
Client Sample ID :	MYDB34	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:38:47	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41024.98	41029.47	41290.47	41114.97	0.37	ppb
Antimony	121-1	1.46	1.46	1.47	1.46	0.41	ppb
Arsenic	75-2	163.88	163.14	166.65	164.56	1.12	ppb
Barium	135-1	301.83	304.53	303.52	303.30	0.45	ppb
Barium	137-1	306.03	304.66	308.42	306.37	0.62	ppb
Beryllium	9-1	1.95	1.97	1.91	1.94	1.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.54	2.67	1.82	2.35	19.48	ppb
Cadmium	106-1	3.59	3.05	2.85	3.16	12.15	ppb
Cadmium	111-1	1.88	1.90	2.01	1.93	3.69	ppb
Calcium	43-1	14921.34	14747.93	15271.12	14980.13	1.78	ppb
Calcium	44-1	14287.74	14434.27	14431.04	14384.35	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.67	46.29	45.52	45.83	0.89	ppb
Cobalt	59-2	36.28	36.34	35.97	36.20	0.55	ppb
Copper	63-2	158.92	159.15	158.50	158.86	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				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	93489.51	93125.64	95109.99	93908.38	1.12	ppb
Iron	57-2	91458.73	91142.14	90662.79	91087.89	0.44	ppb
Iron	54-2	92374.54	92754.10	92499.59	92542.74	0.21	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-14	Instrumnet Name :	P7
Client Sample ID :	MYDB34	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:38:47	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	113.20	115.85	115.53	114.86	1.26	ppb
Lead	207-1	118.59	120.13	120.60	119.77	0.88	ppb
Lead	208-1	115.59	117.30	117.11	116.67	0.80	ppb
Lithium	6-1				92		%
Magnesium	24-2	15511.25	15747.69	15682.96	15647.30	0.78	ppb
Manganese	55-2	1362.71	1373.13	1384.54	1373.46	0.79	ppb
Molybdenum	94-1	17.67	17.63	17.82	17.71	0.57	ppb
Molybdenum	95-1	0.96	0.94	0.99	0.96	2.54	ppb
Molybdenum	96-1	3.17	3.13	3.17	3.16	0.65	ppb
Molybdenum	97-1	0.95	0.94	0.90	0.93	3.02	ppb
Molybdenum	98-1	0.88	0.92	0.91	0.90	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.56	41.70	42.30	42.19	1.05	ppb
Phosphorus	31-2	2504.95	2489.43	2501.87	2498.75	0.33	ppb
Potassium	39-2	6198.17	6368.52	6177.77	6248.15	1.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	1.27	1.60	1.33	1.40	12.23	ppb
Selenium	77-2	17.77	25.97	21.27	21.67	18.98	ppb
Selenium	78-2	4.41	4.04	3.58	4.01	10.40	ppb
Silicon	28-1	714.26	710.33	721.27	715.29	0.77	ppb
Silver	107-1	0.67	0.67	0.71	0.68	3.09	ppb
Silver	109-1	0.63	0.69	0.68	0.67	5.13	ppb
Sodium	23-2	269.21	266.25	268.95	268.14	0.61	ppb
Strontium	86-1	72.47	72.35	72.93	72.58	0.42	ppb
Strontium	88-1	72.96	74.89	76.03	74.63	2.08	ppb
Sulfur	34-1	-4210.29	-4313.67	-4250.32	-4258.09		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.33	0.33	0.32	0.33	1.79	ppb
Thallium	205-1	0.31	0.33	0.33	0.32	2.69	ppb
Tin	118-1	2.59	2.65	2.62	2.62	1.06	ppb
Titanium	47-1	754.19	755.20	782.63	764.01	2.11	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-14	Instrumnet Name :	P7
Client Sample ID :	MYDB34	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:38:47	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.05	1.07	1.06	0.75	ppb
Vanadium	51-2	151.54	150.07	151.11	150.91	0.50	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	465.61	464.96	459.41	463.33	0.74	ppb
Zirconium	90-1	10.05	10.32	10.37	10.25	1.66	ppb
Zirconium	91-1	10.20	10.12	10.56	10.29	2.28	ppb

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-11	Instrumnet Name :	P7
Client Sample ID :	MYDB31	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:42:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26614.90	26096.48	26241.33	26317.57	1.02	ppb
Antimony	121-1	0.37	0.35	0.37	0.36	2.41	ppb
Arsenic	75-2	35.31	33.80	34.02	34.38	2.38	ppb
Barium	135-1	225.08	230.57	241.38	232.34	3.57	ppb
Barium	137-1	237.01	240.61	246.96	241.53	2.09	ppb
Beryllium	9-1	1.24	1.19	1.19	1.21	2.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.92	0.94	0.86	14.08	ppb
Cadmium	106-1	1.15	0.68	1.21	1.01	28.97	ppb
Cadmium	111-1	0.58	0.54	0.62	0.58	6.71	ppb
Calcium	43-1	12609.94	12868.35	12431.47	12636.59	1.74	ppb
Calcium	44-1	12014.40	12256.50	11996.86	12089.25	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.83	28.23	28.14	28.40	1.33	ppb
Cobalt	59-2	28.19	27.46	28.29	27.98	1.63	ppb
Copper	63-2	74.03	72.08	73.66	73.26	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				104		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	56653.80	55634.79	56245.52	56178.04	0.91	ppb
Iron	57-2	55408.50	55219.23	55452.57	55360.10	0.22	ppb
Iron	54-2	56384.51	55337.84	55840.77	55854.37	0.94	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-11	Instrumnet Name :	P7
Client Sample ID :	MYDB31	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:42:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.04	28.79	28.45	28.43	1.32	ppb
Lead	207-1	28.52	28.97	28.33	28.61	1.16	ppb
Lead	208-1	27.88	28.38	28.36	28.21	0.99	ppb
Lithium	6-1				89		%
Magnesium	24-2	12702.92	12568.84	12450.33	12574.03	1.01	ppb
Manganese	55-2	1218.48	1194.44	1212.86	1208.59	1.04	ppb
Molybdenum	94-1	6.59	6.75	6.67	6.67	1.20	ppb
Molybdenum	95-1	0.55	0.61	0.57	0.58	5.48	ppb
Molybdenum	96-1	1.53	1.52	1.58	1.54	1.93	ppb
Molybdenum	97-1	0.58	0.53	0.53	0.55	4.92	ppb
Molybdenum	98-1	0.53	0.56	0.55	0.55	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.17	32.48	32.37	32.67	1.32	ppb
Phosphorus	31-2	2567.24	2440.28	2529.31	2512.28	2.59	ppb
Potassium	39-2	5386.44	5356.87	5363.96	5369.09	0.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.09	-0.51	0.15	-0.09		ppb
Selenium	77-2	12.09	13.83	13.40	13.11	6.89	ppb
Selenium	78-2	2.63	2.10	2.58	2.44	12.17	ppb
Silicon	28-1	1238.33	1301.65	1201.18	1247.05	4.07	ppb
Silver	107-1	0.16	0.15	0.17	0.16	6.01	ppb
Silver	109-1	0.15	0.16	0.19	0.17	9.75	ppb
Sodium	23-2	269.79	266.60	271.83	269.41	0.98	ppb
Strontium	86-1	47.69	48.82	46.88	47.80	2.03	ppb
Strontium	88-1	47.03	47.58	48.71	47.77	1.79	ppb
Sulfur	34-1	-4143.34	-4197.06	-4594.39	-4311.60		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.21	0.21	0.22	3.05	ppb
Thallium	205-1	0.19	0.20	0.21	0.20	4.04	ppb
Tin	118-1	1.62	1.60	1.69	1.64	3.05	ppb
Titanium	47-1	710.75	734.08	682.27	709.03	3.66	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-11	Instrumnet Name :	P7
Client Sample ID :	MYDB31	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:42:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.60	0.61	0.61	1.59	ppb
Vanadium	51-2	96.60	94.45	95.36	95.47	1.13	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	154.55	150.01	153.02	152.53	1.51	ppb
Zirconium	90-1	3.65	3.65	3.75	3.68	1.46	ppb
Zirconium	91-1	3.76	3.84	3.86	3.82	1.39	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-15	Instrumnet Name :	P7
Client Sample ID :	MYDB35	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:46:08	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36468.83	32374.80	31906.23	33583.29	7.47	ppb
Antimony	121-1	1.55	1.56	1.58	1.56	0.97	ppb
Arsenic	75-2	192.05	174.71	168.62	178.46	6.81	ppb
Barium	135-1	327.62	334.54	332.88	331.68	1.09	ppb
Barium	137-1	325.46	337.29	334.29	332.35	1.85	ppb
Beryllium	9-1	1.44	1.39	1.38	1.40	2.20	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.98	3.66	3.30	3.31	10.22	ppb
Cadmium	106-1	3.01	3.37	3.46	3.28	7.16	ppb
Cadmium	111-1	2.81	2.90	2.88	2.87	1.72	ppb
Calcium	43-1	18977.40	19931.83	19961.78	19623.67	2.85	ppb
Calcium	44-1	18715.44	19077.36	19002.59	18931.79	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.30	41.38	40.51	42.73	7.31	ppb
Cobalt	59-2	37.64	33.82	33.08	34.85	7.03	ppb
Copper	63-2	167.14	148.26	146.38	153.92	7.46	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				105		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	83833.66	74589.39	73876.44	77433.16	7.17	ppb
Iron	57-2	83042.66	74264.80	74042.46	77116.64	6.66	ppb
Iron	54-2	85743.88	74424.20	74186.85	78118.31	8.46	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-15	Instrumnet Name :	P7
Client Sample ID :	MYDB35	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:46:08	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	157.09	158.62	156.92	157.55	0.59	ppb
Lead	207-1	164.54	166.87	166.58	166.00	0.76	ppb
Lead	208-1	158.89	162.16	161.46	160.84	1.07	ppb
Lithium	6-1				91		%
Magnesium	24-2	16286.79	14323.81	14394.40	15001.66	7.42	ppb
Manganese	55-2	2187.48	1930.08	1908.88	2008.81	7.72	ppb
Molybdenum	94-1	8.80	9.10	9.19	9.03	2.22	ppb
Molybdenum	95-1	0.86	0.85	0.89	0.87	2.38	ppb
Molybdenum	96-1	2.06	2.11	2.06	2.07	1.36	ppb
Molybdenum	97-1	0.80	0.85	0.82	0.82	3.19	ppb
Molybdenum	98-1	0.77	0.81	0.79	0.79	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.12	44.16	45.06	46.45	6.91	ppb
Phosphorus	31-2	3526.92	3087.69	3122.13	3245.58	7.53	ppb
Potassium	39-2	10567.88	9202.60	9165.50	9645.33	8.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	1.29	1.58	2.02	1.63	22.57	ppb
Selenium	77-2	18.24	19.74	12.72	16.90	21.89	ppb
Selenium	78-2	4.23	4.14	5.06	4.48	11.23	ppb
Silicon	28-1	989.71	1024.84	1011.21	1008.58	1.76	ppb
Silver	107-1	0.93	0.98	0.95	0.95	2.22	ppb
Silver	109-1	0.91	0.96	0.94	0.93	2.67	ppb
Sodium	23-2	324.49	280.02	273.04	292.51	9.54	ppb
Strontium	86-1	73.73	74.89	75.49	74.70	1.20	ppb
Strontium	88-1	74.41	76.88	77.35	76.21	2.07	ppb
Sulfur	34-1	-537.77	-133.28	-234.93	-301.99		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.29	0.30	0.28	0.29	2.32	ppb
Thallium	205-1	0.28	0.27	0.27	0.28	1.82	ppb
Tin	118-1	3.83	3.89	3.90	3.87	1.04	ppb
Titanium	47-1	714.67	742.41	743.80	733.62	2.24	ppb

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-15	Instrumnet Name :	P7
Client Sample ID :	MYDB35	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:46:08	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.80	0.77	0.78	2.70	ppb
Vanadium	51-2	124.28	108.87	108.88	114.01	7.80	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	742.23	651.21	646.34	679.93	7.94	ppb
Zirconium	90-1	4.90	5.10	5.15	5.05	2.64	ppb
Zirconium	91-1	5.18	5.13	5.18	5.16	0.54	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-16	Instrumnet Name :	P7
Client Sample ID :	MYDB36	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:49:20	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31489.44	31293.13	31700.96	31494.51	0.65	ppb
Antimony	121-1	0.85	0.92	0.88	0.88	4.23	ppb
Arsenic	75-2	97.70	97.02	91.99	95.57	3.27	ppb
Barium	135-1	271.43	278.22	276.88	275.51	1.31	ppb
Barium	137-1	273.25	280.31	275.39	276.32	1.31	ppb
Beryllium	9-1	1.51	1.48	1.65	1.55	5.98	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.60	2.71	2.70	2.67	2.32	ppb
Cadmium	106-1	2.31	3.74	3.08	3.04	23.52	ppb
Cadmium	111-1	2.22	2.44	2.24	2.30	5.29	ppb
Calcium	43-1	12524.85	12624.63	12610.99	12586.82	0.43	ppb
Calcium	44-1	11801.17	11881.98	12207.07	11963.40	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.42	32.56	33.40	33.13	1.48	ppb
Cobalt	59-2	32.17	31.95	32.34	32.15	0.62	ppb
Copper	63-2	235.13	234.02	234.15	234.44	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				104		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	67596.57	66968.08	67485.02	67349.89	0.50	ppb
Iron	57-2	67005.93	66474.33	66615.33	66698.53	0.41	ppb
Iron	54-2	68619.60	67481.37	68162.61	68087.86	0.84	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-16	Instrumnet Name :	P7
Client Sample ID :	MYDB36	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:49:20	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	80.65	82.87	82.17	81.90	1.39	ppb
Lead	207-1	81.99	84.24	84.32	83.52	1.58	ppb
Lead	208-1	81.01	83.17	83.00	82.39	1.46	ppb
Lithium	6-1				88		%
Magnesium	24-2	13130.99	12767.74	12914.96	12937.90	1.41	ppb
Manganese	55-2	1459.59	1487.46	1469.99	1472.35	0.96	ppb
Molybdenum	94-1	13.45	13.23	13.58	13.42	1.33	ppb
Molybdenum	95-1	0.69	0.62	0.64	0.65	5.77	ppb
Molybdenum	96-1	2.40	2.25	2.32	2.32	3.10	ppb
Molybdenum	97-1	0.61	0.59	0.66	0.62	5.82	ppb
Molybdenum	98-1	0.63	0.60	0.62	0.62	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.05	36.50	37.61	37.05	1.50	ppb
Phosphorus	31-2	1980.61	1978.16	1992.85	1983.87	0.40	ppb
Potassium	39-2	5514.31	5513.86	5482.24	5503.47	0.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	1.34	0.83	0.36	0.84	57.88	ppb
Selenium	77-2	15.41	13.63	16.66	15.24	9.99	ppb
Selenium	78-2	3.62	2.27	3.04	2.98	22.74	ppb
Silicon	28-1	1004.78	1001.53	1026.40	1010.90	1.34	ppb
Silver	107-1	0.55	0.58	0.56	0.56	3.16	ppb
Silver	109-1	0.54	0.57	0.56	0.56	3.04	ppb
Sodium	23-2	262.98	257.40	259.95	260.11	1.07	ppb
Strontium	86-1	60.55	59.70	61.18	60.48	1.23	ppb
Strontium	88-1	60.24	59.78	61.46	60.49	1.43	ppb
Sulfur	34-1	-4174.68	-4463.12	-4336.19	-4324.66		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.22	0.24	0.24	0.23	4.10	ppb
Thallium	205-1	0.22	0.22	0.21	0.22	2.56	ppb
Tin	118-1	4.21	4.26	4.14	4.20	1.53	ppb
Titanium	47-1	740.00	727.44	752.96	740.13	1.72	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-16	Instrumnet Name :	P7
Client Sample ID :	MYDB36	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:49:20	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.71	0.72	0.72	0.72	0.72	ppb
Vanadium	51-2	106.46	106.19	105.81	106.15	0.31	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	352.20	347.28	347.65	349.05	0.79	ppb
Zirconium	90-1	7.79	7.71	7.99	7.83	1.84	ppb
Zirconium	91-1	7.60	7.81	7.98	7.80	2.46	ppb

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-17	Instrumnet Name :	P7
Client Sample ID :	MYDB37	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:52:34	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39187.92	39851.78	40120.17	39719.96	1.21	ppb
Antimony	121-1	0.87	0.89	0.90	0.89	1.49	ppb
Arsenic	75-2	61.96	63.60	63.32	62.96	1.39	ppb
Barium	135-1	309.18	313.05	317.06	313.10	1.26	ppb
Barium	137-1	311.22	313.20	322.32	315.58	1.87	ppb
Beryllium	9-1	1.60	1.65	1.57	1.61	2.54	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.44	1.10	1.15	1.23	14.98	ppb
Cadmium	106-1	1.36	0.45	1.29	1.03	48.97	ppb
Cadmium	111-1	0.91	0.83	0.79	0.84	7.35	ppb
Calcium	43-1	16503.80	16990.39	16461.96	16652.05	1.76	ppb
Calcium	44-1	15879.10	16021.81	15731.91	15877.61	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.70	55.74	55.97	55.80	0.26	ppb
Cobalt	59-2	38.06	38.10	38.08	38.08	0.06	ppb
Copper	63-2	100.48	103.38	101.84	101.90	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				105		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	87179.33	88212.55	88873.48	88088.45	0.97	ppb
Iron	57-2	85685.81	89072.64	86968.79	87242.41	1.96	ppb
Iron	54-2	88303.91	88636.90	87086.26	88009.02	0.93	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-17	Instrumnet Name :	P7
Client Sample ID :	MYDB37	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:52:34	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	46.71	45.18	47.30	46.40	2.36	ppb
Lead	207-1	46.73	45.12	47.60	46.48	2.70	ppb
Lead	208-1	46.24	45.04	47.18	46.15	2.32	ppb
Lithium	6-1				87		%
Magnesium	24-2	17833.34	17867.26	17962.29	17887.63	0.37	ppb
Manganese	55-2	1498.31	1509.85	1527.41	1511.86	0.97	ppb
Molybdenum	94-1	13.08	13.42	13.45	13.32	1.55	ppb
Molybdenum	95-1	0.77	0.80	0.78	0.78	1.60	ppb
Molybdenum	96-1	2.55	2.49	2.61	2.55	2.45	ppb
Molybdenum	97-1	0.79	0.80	0.76	0.78	2.51	ppb
Molybdenum	98-1	0.73	0.73	0.74	0.73	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.91	53.78	54.01	53.90	0.21	ppb
Phosphorus	31-2	2437.27	2490.28	2426.61	2451.39	1.39	ppb
Potassium	39-2	5303.46	5215.69	5272.53	5263.89	0.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	-0.01	0.58	1.46	0.68	109.73	ppb
Selenium	77-2	20.75	18.99	14.14	17.96	19.05	ppb
Selenium	78-2	2.42	1.95	2.65	2.34	15.04	ppb
Silicon	28-1	953.80	995.63	995.92	981.78	2.47	ppb
Silver	107-1	0.25	0.28	0.27	0.26	6.13	ppb
Silver	109-1	0.25	0.26	0.27	0.26	4.86	ppb
Sodium	23-2	313.80	314.00	317.32	315.04	0.63	ppb
Strontium	86-1	78.44	77.79	79.23	78.49	0.92	ppb
Strontium	88-1	81.94	80.46	81.98	81.46	1.06	ppb
Sulfur	34-1	-4494.87	-4477.07	-4594.96	-4522.30		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.20	0.22	0.24	0.22	9.26	ppb
Thallium	205-1	0.21	0.21	0.22	0.21	3.23	ppb
Tin	118-1	2.23	2.32	2.42	2.33	4.00	ppb
Titanium	47-1	961.03	957.33	940.85	953.07	1.13	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-17	Instrumnet Name :	P7
Client Sample ID :	MYDB37	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:52:34	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.83	0.88	0.85	2.77	ppb
Vanadium	51-2	146.33	147.94	148.68	147.65	0.82	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	235.08	240.08	235.14	236.77	1.21	ppb
Zirconium	90-1	7.61	7.60	7.72	7.64	0.88	ppb
Zirconium	91-1	7.76	7.67	7.85	7.76	1.16	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-18	Instrumnet Name :	P7
Client Sample ID :	MYDB38	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:55:45	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29968.46	29609.13	29876.67	29818.09	0.63	ppb
Antimony	121-1	0.86	0.87	0.94	0.89	4.82	ppb
Arsenic	75-2	122.87	124.24	122.88	123.33	0.64	ppb
Barium	135-1	212.75	215.99	229.72	219.49	4.11	ppb
Barium	137-1	222.86	224.36	232.67	226.63	2.33	ppb
Beryllium	9-1	1.49	1.52	1.53	1.52	1.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.64	2.49	2.33	2.49	6.05	ppb
Cadmium	106-1	2.85	1.89	1.75	2.17	27.76	ppb
Cadmium	111-1	2.01	2.08	2.11	2.07	2.41	ppb
Calcium	43-1	10811.53	11201.36	11294.73	11102.54	2.31	ppb
Calcium	44-1	10574.60	10582.45	10674.30	10610.45	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.69	27.42	27.87	27.66	0.83	ppb
Cobalt	59-2	27.21	27.12	27.17	27.16	0.16	ppb
Copper	63-2	155.95	152.64	155.03	154.54	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				106		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	66796.01	66731.29	67674.55	67067.29	0.79	ppb
Iron	57-2	65969.30	65590.58	66053.32	65871.07	0.37	ppb
Iron	54-2	67731.85	66384.38	67923.28	67346.50	1.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-18	Instrumnet Name :	P7
Client Sample ID :	MYDB38	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:55:45	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	116.45	114.22	120.57	117.08	2.75	ppb
Lead	207-1	125.00	124.27	127.58	125.61	1.39	ppb
Lead	208-1	119.92	119.04	122.29	120.42	1.39	ppb
Lithium	6-1				86		%
Magnesium	24-2	13658.28	13406.65	13471.63	13512.19	0.97	ppb
Manganese	55-2	1513.75	1520.49	1563.75	1532.66	1.77	ppb
Molybdenum	94-1	7.42	7.38	7.51	7.44	0.94	ppb
Molybdenum	95-1	0.62	0.55	0.63	0.60	7.53	ppb
Molybdenum	96-1	1.72	1.63	1.69	1.68	2.85	ppb
Molybdenum	97-1	0.56	0.58	0.57	0.57	1.95	ppb
Molybdenum	98-1	0.53	0.54	0.56	0.54	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.54	35.20	36.06	35.60	1.21	ppb
Phosphorus	31-2	2279.15	2325.59	2290.10	2298.28	1.06	ppb
Potassium	39-2	5725.05	5926.39	5918.53	5856.66	1.95	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	1.07	0.54	0.75	0.79	33.41	ppb
Selenium	77-2	14.14	14.20	16.24	14.86	8.06	ppb
Selenium	78-2	0.40	2.35	3.77	2.17	77.87	ppb
Silicon	28-1	1426.03	1448.46	1539.15	1471.22	4.07	ppb
Silver	107-1	0.53	0.56	0.58	0.56	4.13	ppb
Silver	109-1	0.54	0.58	0.58	0.57	4.52	ppb
Sodium	23-2	259.87	264.33	272.68	265.63	2.45	ppb
Strontium	86-1	52.17	51.09	54.08	52.45	2.88	ppb
Strontium	88-1	51.98	51.02	52.54	51.85	1.49	ppb
Sulfur	34-1	-4520.17	-4588.52	-4619.90	-4576.20		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.29	0.25	0.28	0.27	8.12	ppb
Thallium	205-1	0.25	0.25	0.26	0.26	3.08	ppb
Tin	118-1	4.29	4.36	4.61	4.42	3.77	ppb
Titanium	47-1	670.60	680.54	712.82	687.99	3.21	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-18	Instrumnet Name :	P7
Client Sample ID :	MYDB38	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:55:45	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.72	0.74	0.73	1.33	ppb
Vanadium	51-2	92.45	91.32	92.85	92.21	0.86	ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	469.38	461.37	466.15	465.63	0.87	ppb
Zirconium	90-1	4.23	4.15	4.35	4.24	2.38	ppb
Zirconium	91-1	4.33	4.27	4.52	4.37	2.93	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-19	Instrumnet Name :	P7
Client Sample ID :	MYDB39	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:58:59	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28367.49	28688.73	28730.55	28595.59	0.69	ppb
Antimony	121-1	1.89	2.00	1.97	1.95	2.85	ppb
Arsenic	75-2	141.02	133.61	136.33	136.99	2.74	ppb
Barium	135-1	177.49	187.93	194.08	186.50	4.50	ppb
Barium	137-1	188.21	194.64	192.53	191.80	1.71	ppb
Beryllium	9-1	1.38	1.25	1.28	1.30	5.01	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.20	2.61	3.08	2.63	16.65	ppb
Cadmium	106-1	1.97	3.23	1.28	2.16	45.65	ppb
Cadmium	111-1	1.75	1.94	1.84	1.84	4.91	ppb
Calcium	43-1	10537.99	10650.78	10179.61	10456.13	2.35	ppb
Calcium	44-1	10001.26	10260.61	10090.17	10117.35	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.30	33.41	32.61	33.11	1.30	ppb
Cobalt	59-2	30.41	30.49	30.22	30.37	0.45	ppb
Copper	63-2	152.27	150.14	151.37	151.26	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				108		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	78109.04	79429.19	78818.88	78785.70	0.84	ppb
Iron	57-2	77199.49	76384.83	76347.69	76644.00	0.63	ppb
Iron	54-2	79606.74	78698.11	78521.13	78942.00	0.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-19	Instrumnet Name :	P7
Client Sample ID :	MYDB39	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:58:59	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.12	96.39	99.46	96.66	2.77	ppb
Lead	207-1	101.39	100.85	100.88	101.04	0.30	ppb
Lead	208-1	97.17	99.22	98.46	98.28	1.06	ppb
Lithium	6-1				90		%
Magnesium	24-2	12308.76	12246.41	12337.33	12297.50	0.38	ppb
Manganese	55-2	1292.94	1287.43	1293.29	1291.22	0.25	ppb
Molybdenum	94-1	11.21	11.62	11.53	11.45	1.87	ppb
Molybdenum	95-1	0.99	1.00	1.07	1.02	4.27	ppb
Molybdenum	96-1	2.61	2.54	2.50	2.55	2.19	ppb
Molybdenum	97-1	0.99	1.04	1.05	1.03	2.96	ppb
Molybdenum	98-1	1.00	1.03	1.05	1.03	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.81	34.78	33.21	33.93	2.33	ppb
Phosphorus	31-2	2246.66	2268.94	2268.40	2261.33	0.56	ppb
Potassium	39-2	5314.63	5351.92	5286.26	5317.60	0.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	1.19	0.79	1.30	1.09	24.34	ppb
Selenium	77-2	12.66	10.23	12.88	11.93	12.36	ppb
Selenium	78-2	3.10	3.43	2.76	3.10	10.96	ppb
Silicon	28-1	344.45	338.98	347.25	343.56	1.22	ppb
Silver	107-1	0.53	0.56	0.56	0.55	3.06	ppb
Silver	109-1	0.55	0.58	0.58	0.57	3.11	ppb
Sodium	23-2	214.79	219.03	216.04	216.62	1.01	ppb
Strontium	86-1	50.62	50.04	52.08	50.92	2.06	ppb
Strontium	88-1	50.68	51.91	50.98	51.19	1.26	ppb
Sulfur	34-1	-4586.64	-4484.93	-4497.46	-4523.01		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.23	0.20	0.21	7.45	ppb
Thallium	205-1	0.23	0.22	0.21	0.22	4.44	ppb
Tin	118-1	2.28	2.31	2.38	2.33	2.27	ppb
Titanium	47-1	782.08	775.04	785.97	781.03	0.71	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-19	Instrumnet Name :	P7
Client Sample ID :	MYDB39	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:58:59	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.68	0.68	0.68	0.68	0.57	ppb
Vanadium	51-2	131.76	131.38	129.82	130.99	0.78	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	397.42	394.39	393.00	394.94	0.57	ppb
Zirconium	90-1	6.27	6.32	6.74	6.44	3.95	ppb
Zirconium	91-1	6.61	6.50	6.55	6.56	0.85	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-20	Instrumnet Name :	P7
Client Sample ID :	MYDB40	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:02:11	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36302.38	36809.18	36184.83	36432.13	0.91	ppb
Antimony	121-1	1.61	1.72	1.70	1.68	3.41	ppb
Arsenic	75-2	170.92	173.18	174.90	173.00	1.15	ppb
Barium	135-1	314.03	319.96	328.33	320.78	2.24	ppb
Barium	137-1	317.26	324.90	329.93	324.03	1.97	ppb
Beryllium	9-1	1.75	1.76	1.73	1.75	0.75	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.71	3.50	3.66	3.29	15.58	ppb
Cadmium	106-1	3.44	3.43	2.74	3.21	12.45	ppb
Cadmium	111-1	2.88	2.98	2.76	2.88	3.80	ppb
Calcium	43-1	19092.50	19095.21	19345.53	19177.75	0.76	ppb
Calcium	44-1	17921.10	18381.22	18106.17	18136.16	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.40	38.58	38.43	38.47	0.25	ppb
Cobalt	59-2	34.81	34.51	34.60	34.64	0.44	ppb
Copper	63-2	199.43	201.01	200.23	200.22	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				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	82197.43	81559.49	81173.86	81643.59	0.63	ppb
Iron	57-2	80363.16	79194.07	79727.46	79761.56	0.73	ppb
Iron	54-2	82095.98	82778.81	81087.56	81987.45	1.04	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-20	Instrumnet Name :	P7
Client Sample ID :	MYDB40	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:02:11	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	150.75	153.99	153.88	152.87	1.20	ppb
Lead	207-1	156.83	159.11	161.13	159.02	1.35	ppb
Lead	208-1	153.64	155.55	157.35	155.51	1.19	ppb
Lithium	6-1				89		%
Magnesium	24-2	16024.90	15687.85	15513.73	15742.16	1.65	ppb
Manganese	55-2	2111.75	2094.73	2103.51	2103.33	0.40	ppb
Molybdenum	94-1	11.07	11.82	11.76	11.55	3.60	ppb
Molybdenum	95-1	0.86	0.91	0.92	0.90	3.41	ppb
Molybdenum	96-1	2.35	2.37	2.43	2.38	1.84	ppb
Molybdenum	97-1	0.79	0.84	0.93	0.85	8.29	ppb
Molybdenum	98-1	0.84	0.82	0.87	0.84	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.00	45.23	45.76	45.33	0.86	ppb
Phosphorus	31-2	2771.38	2807.21	2682.84	2753.81	2.32	ppb
Potassium	39-2	9421.30	9349.96	9309.86	9360.37	0.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	1.61	1.40	1.95	1.65	16.68	ppb
Selenium	77-2	17.50	19.41	19.56	18.82	6.09	ppb
Selenium	78-2	2.43	5.34	2.31	3.36	51.11	ppb
Silicon	28-1	686.01	711.04	713.49	703.51	2.16	ppb
Silver	107-1	1.04	1.04	1.11	1.06	3.78	ppb
Silver	109-1	1.04	1.06	1.04	1.05	0.98	ppb
Sodium	23-2	258.73	259.96	259.97	259.55	0.27	ppb
Strontium	86-1	78.59	82.09	81.77	80.82	2.39	ppb
Strontium	88-1	82.78	82.21	84.29	83.09	1.30	ppb
Sulfur	34-1	-396.73	-345.83	-508.33	-416.96		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.27	0.29	0.30	0.28	5.45	ppb
Thallium	205-1	0.30	0.31	0.30	0.30	1.81	ppb
Tin	118-1	3.11	3.27	3.22	3.20	2.43	ppb
Titanium	47-1	725.02	735.01	740.03	733.35	1.04	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-20	Instrumnet Name :	P7
Client Sample ID :	MYDB40	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:02:11	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.80	0.80	0.80	0.60	ppb
Vanadium	51-2	119.70	121.16	118.37	119.74	1.17	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	630.97	631.69	625.03	629.23	0.58	ppb
Zirconium	90-1	6.48	6.65	6.65	6.59	1.44	ppb
Zirconium	91-1	6.52	6.76	6.74	6.67	2.03	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-21	Instrumnet Name :	P7
Client Sample ID :	MYDB41	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:05:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39169.93	39366.40	38761.13	39099.16	0.79	ppb
Antimony	121-1	1.21	1.30	1.27	1.26	3.55	ppb
Arsenic	75-2	92.19	92.40	89.39	91.33	1.84	ppb
Barium	135-1	294.45	321.38	323.41	313.08	5.16	ppb
Barium	137-1	308.64	319.54	323.25	317.15	2.39	ppb
Beryllium	9-1	1.91	1.57	1.52	1.67	12.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.81	2.05	1.64	1.83	11.37	ppb
Cadmium	106-1	1.59	1.33	1.07	1.33	19.36	ppb
Cadmium	111-1	1.25	1.29	1.36	1.30	4.59	ppb
Calcium	43-1	15057.74	15131.92	14909.39	15033.02	0.75	ppb
Calcium	44-1	14356.79	14664.27	14666.90	14562.66	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.59	47.02	47.59	47.40	0.69	ppb
Cobalt	59-2	32.49	32.78	32.21	32.49	0.88	ppb
Copper	63-2	132.57	132.68	131.70	132.32	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				100		%
Indium	115-2				101		%
Iron	56-2	87179.02	86712.95	86291.24	86727.74	0.51	ppb
Iron	57-2	84429.32	85880.05	84293.30	84867.56	1.04	ppb
Iron	54-2	86169.47	87477.36	86764.08	86803.64	0.75	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-21	Instrumnet Name :	P7
Client Sample ID :	MYDB41	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:05:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	70.83	69.86	70.73	70.47	0.76	ppb
Lead	207-1	75.48	69.74	71.08	72.10	4.16	ppb
Lead	208-1	71.91	69.79	70.57	70.75	1.52	ppb
Lithium	6-1				87		%
Magnesium	24-2	14667.12	14985.14	14823.05	14825.10	1.07	ppb
Manganese	55-2	1415.95	1409.39	1401.65	1409.00	0.51	ppb
Molybdenum	94-1	13.13	13.11	12.81	13.02	1.39	ppb
Molybdenum	95-1	0.75	0.76	0.78	0.76	2.21	ppb
Molybdenum	96-1	2.58	2.38	2.36	2.44	4.97	ppb
Molybdenum	97-1	0.74	0.72	0.72	0.73	1.72	ppb
Molybdenum	98-1	0.75	0.70	0.74	0.73	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.92	42.36	42.39	42.22	0.62	ppb
Phosphorus	31-2	2445.31	2428.82	2361.62	2411.92	1.84	ppb
Potassium	39-2	5448.13	5485.64	5513.93	5482.56	0.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	1.17	0.92	-0.11	0.66	103.31	ppb
Selenium	77-2	15.71	19.52	21.34	18.86	15.24	ppb
Selenium	78-2	2.42	5.04	1.99	3.15	52.49	ppb
Silicon	28-1	606.66	592.74	595.30	598.23	1.24	ppb
Silver	107-1	0.41	0.44	0.45	0.43	4.50	ppb
Silver	109-1	0.38	0.40	0.43	0.41	5.78	ppb
Sodium	23-2	226.41	224.96	225.81	225.73	0.32	ppb
Strontium	86-1	66.87	63.94	63.81	64.88	2.67	ppb
Strontium	88-1	65.40	64.43	63.57	64.46	1.42	ppb
Sulfur	34-1	-3806.61	-4266.79	-4326.71	-4133.37		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.21	0.19	0.19	0.20	6.39	ppb
Thallium	205-1	0.20	0.20	0.18	0.19	5.20	ppb
Tin	118-1	2.12	2.21	2.28	2.20	3.63	ppb
Titanium	47-1	762.14	721.96	720.03	734.71	3.24	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-21	Instrumnet Name :	P7
Client Sample ID :	MYDB41	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:05:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.71	0.72	0.74	4.57	ppb
Vanadium	51-2	150.23	150.18	147.67	149.36	0.98	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	283.34	279.82	280.27	281.14	0.68	ppb
Zirconium	90-1	7.46	7.48	7.56	7.50	0.72	ppb
Zirconium	91-1	7.91	7.46	7.21	7.53	4.70	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-22	Instrumnet Name :	P7
Client Sample ID :	MYDB61	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:08:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16499.17	16009.99	16413.36	16307.51	1.60	ppb
Antimony	121-1	0.90	0.96	0.94	0.93	3.08	ppb
Arsenic	75-2	40.83	41.27	39.30	40.47	2.56	ppb
Barium	135-1	178.24	190.18	190.63	186.35	3.77	ppb
Barium	137-1	187.33	192.87	189.48	189.89	1.47	ppb
Beryllium	9-1	0.73	0.81	0.72	0.75	6.06	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.69	0.43	0.77	0.63	27.73	ppb
Cadmium	106-1	0.32	0.31	0.02	0.22	77.85	ppb
Cadmium	111-1	0.13	0.15	0.12	0.13	11.98	ppb
Calcium	43-1	11558.40	11571.72	11560.25	11563.46	0.06	ppb
Calcium	44-1	10646.39	10918.79	11096.27	10887.15	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.51	33.49	33.11	33.37	0.68	ppb
Cobalt	59-2	24.31	23.47	24.04	23.94	1.78	ppb
Copper	63-2	55.09	54.60	54.71	54.80	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				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	49105.68	49583.21	48885.77	49191.55	0.72	ppb
Iron	57-2	48416.78	48771.06	48898.18	48695.34	0.51	ppb
Iron	54-2	49127.84	48605.80	47932.92	48555.52	1.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-22	Instrumnet Name :	P7
Client Sample ID :	MYDB61	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:08:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	15.06	15.19	15.19	15.15	0.49	ppb
Lead	207-1	14.34	14.19	13.68	14.07	2.48	ppb
Lead	208-1	14.46	14.57	14.37	14.47	0.68	ppb
Lithium	6-1				81		%
Magnesium	24-2	9341.61	9169.49	9336.08	9282.39	1.05	ppb
Manganese	55-2	1547.84	1551.94	1517.05	1538.94	1.24	ppb
Molybdenum	94-1	8.94	9.47	9.26	9.23	2.87	ppb
Molybdenum	95-1	0.89	0.89	0.91	0.90	0.94	ppb
Molybdenum	96-1	2.10	2.08	1.96	2.05	3.81	ppb
Molybdenum	97-1	0.91	0.91	0.92	0.91	0.89	ppb
Molybdenum	98-1	0.85	0.89	0.88	0.87	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.45	31.13	30.95	31.18	0.80	ppb
Phosphorus	31-2	1587.86	1554.17	1587.56	1576.53	1.23	ppb
Potassium	39-2	1541.22	1545.42	1531.94	1539.53	0.45	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	0.11	0.00	-0.11	0.00	3425.10	ppb
Selenium	77-2	9.00	10.01	10.04	9.68	6.11	ppb
Selenium	78-2	3.31	2.23	1.91	2.48	29.51	ppb
Silicon	28-1	299.65	295.97	291.38	295.67	1.40	ppb
Silver	107-1	0.06	0.07	0.06	0.06	2.28	ppb
Silver	109-1	0.06	0.07	0.07	0.07	3.34	ppb
Sodium	23-2	281.93	278.49	282.41	280.94	0.76	ppb
Strontium	86-1	47.30	46.42	44.99	46.24	2.53	ppb
Strontium	88-1	46.91	48.05	46.02	46.99	2.16	ppb
Sulfur	34-1	-3955.11	-4021.83	-4077.65	-4018.20		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.08	0.09	0.09	5.80	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	2.71	ppb
Tin	118-1	1.50	1.49	1.55	1.51	2.14	ppb
Titanium	47-1	715.18	690.79	695.30	700.43	1.85	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-22	Instrumnet Name :	P7
Client Sample ID :	MYDB61	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:08:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.57	0.58	0.56	0.57	2.03	ppb
Vanadium	51-2	96.82	96.11	97.89	96.94	0.92	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	83.28	80.20	83.02	82.17	2.08	ppb
Zirconium	90-1	4.95	5.13	4.95	5.01	2.00	ppb
Zirconium	91-1	5.21	5.14	4.81	5.05	4.30	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:11:53	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8351.88	8151.56	8205.59	8236.34	1.26	ppb
Antimony	121-1	0.23	0.21	0.26	0.23	11.35	ppb
Arsenic	75-2	20.65	21.15	22.04	21.28	3.31	ppb
Barium	135-1	67.47	58.36	70.01	65.28	9.38	ppb
Barium	137-1	67.54	58.92	70.13	65.53	8.96	ppb
Beryllium	9-1	0.39	0.35	0.35	0.37	5.50	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.36	0.41	0.48	0.42	15.19	ppb
Cadmium	106-1	-0.84	-0.77	-1.11	-0.91		ppb
Cadmium	111-1	0.26	0.16	0.22	0.21	24.32	ppb
Calcium	43-1	3426.92	2907.40	3535.14	3289.82	10.20	ppb
Calcium	44-1	3445.64	2916.96	3534.18	3298.93	10.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.18	9.98	9.74	9.97	2.17	ppb
Cobalt	59-2	8.49	8.21	8.49	8.39	1.91	ppb
Copper	63-2	29.99	28.95	29.36	29.43	1.77	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				111		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	19349.94	18907.20	19072.51	19109.88	1.17	ppb
Iron	57-2	19658.56	19078.11	19432.92	19389.86	1.51	ppb
Iron	54-2	19733.64	18918.74	19154.93	19269.10	2.18	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:11:53	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.81	12.74	15.16	14.24	9.19	ppb
Lead	207-1	15.70	13.28	15.56	14.85	9.16	ppb
Lead	208-1	15.09	12.95	15.34	14.46	9.07	ppb
Lithium	6-1				90		%
Magnesium	24-2	3862.50	3800.66	3833.85	3832.34	0.81	ppb
Manganese	55-2	393.07	383.20	388.60	388.29	1.27	ppb
Molybdenum	94-1	1.95	1.74	2.05	1.91	8.29	ppb
Molybdenum	95-1	0.21	0.20	0.22	0.21	3.85	ppb
Molybdenum	96-1	0.53	0.45	0.52	0.50	8.63	ppb
Molybdenum	97-1	0.22	0.19	0.23	0.21	11.46	ppb
Molybdenum	98-1	0.22	0.19	0.22	0.21	5.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.09	10.12	10.24	10.15	0.81	ppb
Phosphorus	31-2	752.63	731.54	733.79	739.32	1.57	ppb
Potassium	39-2	2399.58	2314.25	2340.45	2351.43	1.86	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	-0.75	-0.21	-0.62	-0.53		ppb
Selenium	77-2	5.30	6.12	3.47	4.96	27.34	ppb
Selenium	78-2	1.43	0.02	0.07	0.51	156.68	ppb
Silicon	28-1	238.72	212.51	251.57	234.27	8.50	ppb
Silver	107-1	0.08	0.07	0.07	0.08	3.72	ppb
Silver	109-1	0.08	0.08	0.08	0.08	4.91	ppb
Sodium	23-2	104.20	101.48	102.86	102.85	1.32	ppb
Strontium	86-1	15.31	13.83	15.83	14.99	6.95	ppb
Strontium	88-1	15.54	13.48	15.81	14.94	8.53	ppb
Sulfur	34-1	-4066.04	-4842.26	-4085.91	-4331.40		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.04	0.07	0.05	26.29	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	12.15	ppb
Tin	118-1	0.75	0.63	0.77	0.71	10.63	ppb
Titanium	47-1	197.86	167.90	202.16	189.31	9.86	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:11:53	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.16	0.21	0.19	14.28	ppb
Vanadium	51-2	28.99	28.22	28.37	28.53	1.44	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	82.44	83.06	83.90	83.14	0.88	ppb
Zirconium	90-1	1.08	0.95	1.11	1.05	7.87	ppb
Zirconium	91-1	1.07	1.01	1.09	1.06	4.01	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26D	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:15:08	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8199.01	8148.24	8293.29	8213.51	0.90	ppb
Antimony	121-1	0.24	0.25	0.21	0.23	8.64	ppb
Arsenic	75-2	22.14	21.00	21.31	21.48	2.73	ppb
Barium	135-1	69.08	71.02	69.81	69.97	1.41	ppb
Barium	137-1	69.49	70.45	70.27	70.07	0.73	ppb
Beryllium	9-1	0.35	0.37	0.37	0.36	2.23	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.41	0.36	0.33	0.37	12.06	ppb
Cadmium	106-1	-1.30	-0.57	-0.76	-0.88		ppb
Cadmium	111-1	0.25	0.24	0.21	0.23	7.35	ppb
Calcium	43-1	3468.50	3456.79	3404.70	3443.33	0.99	ppb
Calcium	44-1	3459.57	3481.31	3486.06	3475.65	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.97	9.60	9.85	9.80	1.94	ppb
Cobalt	59-2	8.42	8.34	8.37	8.38	0.49	ppb
Copper	63-2	28.10	27.89	27.86	27.95	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				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	18971.94	18940.20	18996.81	18969.65	0.15	ppb
Iron	57-2	19280.59	19134.76	19155.36	19190.24	0.41	ppb
Iron	54-2	19247.37	18633.04	18797.77	18892.72	1.68	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26D	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:15:08	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	15.01	15.36	15.52	15.30	1.72	ppb
Lead	207-1	15.54	15.73	16.01	15.76	1.48	ppb
Lead	208-1	15.24	15.34	15.69	15.42	1.53	ppb
Lithium	6-1				91		%
Magnesium	24-2	3912.80	3913.72	3916.80	3914.44	0.05	ppb
Manganese	55-2	401.15	398.73	393.17	397.68	1.03	ppb
Molybdenum	94-1	1.98	2.03	1.98	2.00	1.44	ppb
Molybdenum	95-1	0.23	0.21	0.23	0.22	5.25	ppb
Molybdenum	96-1	0.47	0.49	0.50	0.49	4.01	ppb
Molybdenum	97-1	0.19	0.21	0.22	0.21	6.86	ppb
Molybdenum	98-1	0.21	0.21	0.20	0.20	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.32	10.54	10.24	10.36	1.49	ppb
Phosphorus	31-2	750.71	764.16	734.15	749.67	2.00	ppb
Potassium	39-2	2384.58	2372.25	2385.21	2380.68	0.31	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.44	-0.29	-0.16	-0.30		ppb
Selenium	77-2	2.94	4.38	7.86	5.06	50.03	ppb
Selenium	78-2	-0.89	0.02	0.24	-0.21		ppb
Silicon	28-1	264.08	254.48	256.09	258.22	1.99	ppb
Silver	107-1	0.07	0.08	0.08	0.08	10.58	ppb
Silver	109-1	0.09	0.08	0.07	0.08	14.85	ppb
Sodium	23-2	91.18	90.03	89.79	90.34	0.82	ppb
Strontium	86-1	15.52	15.34	15.43	15.43	0.59	ppb
Strontium	88-1	15.48	15.63	15.63	15.58	0.56	ppb
Sulfur	34-1	-4206.25	-4321.09	-4249.34	-4258.89		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.06	0.06	0.06	18.37	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.36	ppb
Tin	118-1	0.56	0.57	0.63	0.59	6.72	ppb
Titanium	47-1	198.71	198.21	199.56	198.83	0.34	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26D	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:15:08	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.19	0.19	0.19	0.81	ppb
Vanadium	51-2	28.34	28.03	28.20	28.19	0.56	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	82.51	83.57	83.56	83.21	0.73	ppb
Zirconium	90-1	1.08	1.09	1.13	1.10	2.20	ppb
Zirconium	91-1	1.15	1.10	1.18	1.14	3.56	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB26L	Dilution Factor :	20
Date & Time Acquired :	2024-10-28 15:18:25	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1651.50	1632.93	1625.34	1636.59	0.82	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	19.63	ppb
Arsenic	75-2	4.36	4.52	4.14	4.34	4.38	ppb
Barium	135-1	13.48	13.46	13.33	13.42	0.61	ppb
Barium	137-1	13.21	13.73	13.23	13.39	2.23	ppb
Beryllium	9-1	0.07	0.08	0.07	0.07	8.76	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.12	0.18	0.11	65.58	ppb
Cadmium	106-1	-0.30	-0.51	-1.20	-0.67		ppb
Cadmium	111-1	0.03	0.02	-0.06	0.00		ppb
Calcium	43-1	678.39	680.63	665.62	674.88	1.20	ppb
Calcium	44-1	669.88	680.75	675.32	675.32	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.03	1.96	1.94	1.98	2.44	ppb
Cobalt	59-2	1.73	1.62	1.61	1.66	3.85	ppb
Copper	63-2	6.08	6.00	5.94	6.01	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				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	3818.12	3778.39	3796.14	3797.55	0.52	ppb
Iron	57-2	3851.42	3862.22	3831.66	3848.44	0.40	ppb
Iron	54-2	3990.48	3931.25	3894.89	3938.87	1.22	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB26L	Dilution Factor :	20
Date & Time Acquired :	2024-10-28 15:18:25	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.94	2.83	3.02	2.93	3.31	ppb
Lead	207-1	3.05	2.97	3.07	3.03	1.91	ppb
Lead	208-1	3.02	2.93	3.00	2.98	1.72	ppb
Lithium	6-1				93		%
Magnesium	24-2	775.30	764.26	758.42	766.00	1.12	ppb
Manganese	55-2	77.41	77.23	77.73	77.46	0.33	ppb
Molybdenum	94-1	0.34	0.39	0.35	0.36	7.90	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	11.80	ppb
Molybdenum	96-1	0.11	0.10	0.08	0.10	13.44	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.04	5.12	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	4.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	1.98	2.03	2.04	3.11	ppb
Phosphorus	31-2	120.52	142.42	145.75	136.23	10.06	ppb
Potassium	39-2	463.08	460.94	458.56	460.86	0.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	-0.46	-1.05	0.29	-0.41		ppb
Selenium	77-2	1.14	0.80	0.80	0.91	21.27	ppb
Selenium	78-2	-0.03	-2.34	0.34	-0.68		ppb
Silicon	28-1	48.79	48.73	51.02	49.51	2.63	ppb
Silver	107-1	0.01	0.01	0.02	0.01	22.15	ppb
Silver	109-1	0.02	0.01	0.02	0.02	17.56	ppb
Sodium	23-2	49.33	50.03	50.59	49.98	1.26	ppb
Strontium	86-1	3.09	3.06	3.25	3.13	3.35	ppb
Strontium	88-1	3.06	3.11	3.12	3.09	1.04	ppb
Sulfur	34-1	-4379.41	-4419.46	-4363.90	-4387.59		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.01	0.01	0.01	76.56	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	46.54	ppb
Tin	118-1	0.15	0.16	0.15	0.15	6.28	ppb
Titanium	47-1	38.46	39.11	39.57	39.05	1.43	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB26L	Dilution Factor :	20
Date & Time Acquired :	2024-10-28 15:18:25	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	5.92	ppb
Vanadium	51-2	5.86	5.69	5.50	5.68	3.17	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	17.17	16.18	16.06	16.47	3.69	ppb
Zirconium	90-1	0.20	0.19	0.20	0.20	2.62	ppb
Zirconium	91-1	0.20	0.20	0.22	0.21	4.15	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26S	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:21:43	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8781.61	8466.67	8635.99	8628.09	1.83	ppb
Antimony	121-1	16.60	15.51	15.65	15.92	3.72	ppb
Arsenic	75-2	28.01	27.90	27.60	27.84	0.76	ppb
Barium	135-1	394.57	370.41	374.24	379.74	3.42	ppb
Barium	137-1	401.15	373.73	378.39	384.42	3.82	ppb
Beryllium	9-1	9.77	9.68	9.41	9.62	1.94	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.98	8.27	8.18	8.14	1.79	ppb
Cadmium	106-1	6.61	8.03	7.29	7.31	9.71	ppb
Cadmium	111-1	8.71	8.16	8.04	8.30	4.32	ppb
Calcium	43-1	3675.72	3386.32	3488.75	3516.93	4.17	ppb
Calcium	44-1	3685.67	3455.31	3552.41	3564.46	3.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.70	43.40	43.36	43.49	0.42	ppb
Cobalt	59-2	92.38	91.24	92.22	91.95	0.67	ppb
Copper	63-2	68.02	67.18	67.87	67.69	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				102		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	19622.67	19384.42	19230.78	19412.62	1.02	ppb
Iron	57-2	19529.93	19682.25	19571.36	19594.51	0.40	ppb
Iron	54-2	19701.57	19731.75	19476.68	19636.67	0.71	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26S	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:21:43	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.05	17.72	18.39	18.39	3.62	ppb
Lead	207-1	18.93	18.37	18.84	18.71	1.61	ppb
Lead	208-1	18.99	18.04	18.50	18.51	2.59	ppb
Lithium	6-1				91		%
Magnesium	24-2	3922.50	3888.12	3880.11	3896.91	0.58	ppb
Manganese	55-2	474.93	470.62	474.61	473.39	0.51	ppb
Molybdenum	94-1	2.02	1.98	1.93	1.98	2.19	ppb
Molybdenum	95-1	0.24	0.23	0.21	0.23	7.17	ppb
Molybdenum	96-1	0.52	0.49	0.50	0.50	3.19	ppb
Molybdenum	97-1	0.23	0.23	0.22	0.23	3.53	ppb
Molybdenum	98-1	0.23	0.22	0.21	0.22	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.41	95.71	95.24	95.45	0.25	ppb
Phosphorus	31-2	795.83	770.06	767.10	777.66	2.03	ppb
Potassium	39-2	2369.05	2384.69	2377.75	2377.16	0.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	13.02	12.70	12.83	12.85	1.24	ppb
Selenium	77-2	14.77	17.22	16.95	16.31	8.26	ppb
Selenium	78-2	12.40	12.09	14.69	13.06	10.89	ppb
Silicon	28-1	264.90	249.46	250.49	254.95	3.39	ppb
Silver	107-1	7.33	6.96	7.03	7.11	2.74	ppb
Silver	109-1	7.14	6.86	7.02	7.01	2.00	ppb
Sodium	23-2	79.22	82.79	82.12	81.38	2.33	ppb
Strontium	86-1	16.49	15.57	15.82	15.96	2.99	ppb
Strontium	88-1	16.65	15.80	15.70	16.05	3.24	ppb
Sulfur	34-1	-3694.45	-4264.24	-4238.17	-4065.62		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	7.19	7.05	7.24	7.16	1.38	ppb
Thallium	205-1	7.09	6.82	7.06	6.99	2.12	ppb
Tin	118-1	0.72	0.65	0.64	0.67	6.56	ppb
Titanium	47-1	208.10	197.87	202.27	202.75	2.53	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26S	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:21:43	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.20	0.21	0.21	1.81	ppb
Vanadium	51-2	110.50	110.89	110.55	110.65	0.19	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	163.80	161.29	163.27	162.79	0.81	ppb
Zirconium	90-1	1.11	1.06	1.05	1.07	3.22	ppb
Zirconium	91-1	1.14	1.09	0.99	1.07	7.21	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:25:01	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9404.81	9332.17	9289.43	9342.14	0.62	ppb
Antimony	121-1	68.31	68.52	69.45	68.76	0.88	ppb
Arsenic	75-2	48.92	47.77	49.49	48.73	1.81	ppb
Barium	135-1	1440.00	1469.90	1493.74	1467.88	1.83	ppb
Barium	137-1	1459.89	1479.04	1506.21	1481.71	1.57	ppb
Beryllium	9-1	39.38	42.69	40.58	40.88	4.10	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.49	32.82	34.58	34.30	3.95	ppb
Cadmium	106-1	31.91	31.30	32.20	31.80	1.44	ppb
Cadmium	111-1	35.84	35.75	36.21	35.93	0.68	ppb
Calcium	43-1	3375.48	3417.00	3477.06	3423.18	1.49	ppb
Calcium	44-1	3410.11	3476.78	3521.77	3469.55	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	154.15	156.05	156.31	155.50	0.76	ppb
Cobalt	59-2	371.09	380.09	379.06	376.75	1.31	ppb
Copper	63-2	198.36	199.95	198.98	199.10	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				104		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	19592.45	19587.31	19446.86	19542.20	0.42	ppb
Iron	57-2	19847.79	20218.74	19875.43	19980.65	1.03	ppb
Iron	54-2	19650.08	19995.22	19651.22	19765.51	1.01	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:25:01	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.14	27.19	27.77	27.37	1.27	ppb
Lead	207-1	27.48	27.61	28.23	27.77	1.44	ppb
Lead	208-1	27.23	27.35	27.92	27.50	1.33	ppb
Lithium	6-1				90		%
Magnesium	24-2	3789.44	3835.25	3803.35	3809.35	0.62	ppb
Manganese	55-2	740.93	737.12	734.44	737.50	0.44	ppb
Molybdenum	94-1	1.95	2.04	2.00	2.00	2.24	ppb
Molybdenum	95-1	0.22	0.26	0.22	0.23	9.31	ppb
Molybdenum	96-1	0.49	0.45	0.52	0.49	6.76	ppb
Molybdenum	97-1	0.20	0.22	0.19	0.20	6.01	ppb
Molybdenum	98-1	0.22	0.22	0.24	0.23	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	381.10	383.97	380.22	381.76	0.51	ppb
Phosphorus	31-2	748.99	743.36	719.02	737.12	2.16	ppb
Potassium	39-2	2316.55	2345.59	2296.37	2319.50	1.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	76.35	77.59	76.91	76.95	0.81	ppb
Selenium	77-2	79.73	78.93	77.06	78.57	1.74	ppb
Selenium	78-2	76.22	78.42	79.67	78.10	2.23	ppb
Silicon	28-1	238.60	247.42	251.22	245.75	2.63	ppb
Silver	107-1	29.93	30.21	30.23	30.13	0.56	ppb
Silver	109-1	29.62	29.73	30.05	29.80	0.75	ppb
Sodium	23-2	78.21	81.39	77.78	79.13	2.49	ppb
Strontium	86-1	15.46	15.86	15.39	15.57	1.63	ppb
Strontium	88-1	15.33	15.94	15.81	15.69	2.04	ppb
Sulfur	34-1	-4300.34	-4241.56	-4255.03	-4265.64		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	31.13	31.27	31.56	31.32	0.70	ppb
Thallium	205-1	30.80	30.80	31.52	31.04	1.34	ppb
Tin	118-1	0.64	0.66	0.63	0.64	1.85	ppb
Titanium	47-1	192.41	198.37	198.26	196.35	1.74	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:25:01	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.20	0.19	0.19	1.53	ppb
Vanadium	51-2	383.15	386.22	381.02	383.47	0.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	437.37	439.27	437.05	437.90	0.27	ppb
Zirconium	90-1	1.04	1.11	1.09	1.08	2.96	ppb
Zirconium	91-1	1.01	1.08	1.07	1.06	3.48	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:28:12	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47658.88	47685.71	48292.76	47879.12	0.75	ppb
Antimony	121-1	465.03	471.85	462.16	466.35	1.07	ppb
Arsenic	75-2	505.45	507.46	507.26	506.72	0.22	ppb
Barium	135-1	2380.64	2347.46	2382.88	2370.33	0.84	ppb
Barium	137-1	2384.27	2399.60	2395.37	2393.08	0.33	ppb
Beryllium	9-1	508.19	518.33	512.79	513.10	0.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	490.45	498.40	500.51	496.45	1.07	ppb
Cadmium	106-1	482.17	494.07	492.75	489.66	1.33	ppb
Cadmium	111-1	484.24	488.30	490.94	487.82	0.69	ppb
Calcium	43-1	244914.87	249326.31	246756.43	246999.20	0.90	ppb
Calcium	44-1	238296.56	244232.86	243144.75	241891.39	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.96	483.06	481.74	480.59	0.67	ppb
Cobalt	59-2	509.59	518.25	511.63	513.16	0.88	ppb
Copper	63-2	4917.48	4963.10	4894.09	4924.89	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				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	125704.60	124447.20	126296.10	125482.63	0.75	ppb
Iron	57-2	124170.59	123258.10	125328.47	124252.39	0.84	ppb
Iron	54-2	125121.03	125365.56	124200.06	124895.55	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:28:12	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2336.43	2427.09	2404.63	2389.38	1.98	ppb
Lead	207-1	2358.39	2424.05	2419.56	2400.67	1.53	ppb
Lead	208-1	2351.23	2436.50	2427.56	2405.10	1.95	ppb
Lithium	6-1				98		%
Magnesium	24-2	232314.36	232831.89	231409.20	232185.15	0.31	ppb
Manganese	55-2	4815.66	4823.89	4790.23	4809.93	0.36	ppb
Molybdenum	94-1	4725.50	4816.87	4821.56	4787.98	1.13	ppb
Molybdenum	95-1	4748.29	4886.25	4822.74	4819.09	1.43	ppb
Molybdenum	96-1	4743.25	4878.09	4771.89	4797.75	1.48	ppb
Molybdenum	97-1	4712.85	4740.35	4748.53	4733.91	0.39	ppb
Molybdenum	98-1	4809.67	4873.01	4795.06	4825.91	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.51	497.89	506.16	502.19	0.83	ppb
Phosphorus	31-2	9567.37	9453.14	9392.17	9470.90	0.94	ppb
Potassium	39-2	120076.47	118382.00	119641.43	119366.63	0.74	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	496.36	504.66	504.12	501.71	0.93	ppb
Selenium	77-2	495.79	506.84	491.35	497.99	1.60	ppb
Selenium	78-2	486.79	485.82	489.42	487.34	0.38	ppb
Silicon	28-1	984.18	991.71	992.82	989.57	0.47	ppb
Silver	107-1	483.95	489.59	495.94	489.83	1.22	ppb
Silver	109-1	490.31	485.68	486.40	487.46	0.51	ppb
Sodium	23-2	236827.36	239126.18	238793.88	238249.14	0.52	ppb
Strontium	86-1	11936.73	12214.16	12160.86	12103.92	1.22	ppb
Strontium	88-1	11735.23	12172.77	12091.03	11999.68	1.94	ppb
Sulfur	34-1	9029.28	8982.08	8876.15	8962.50	0.87	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	472.89	487.99	485.50	482.13	1.68	ppb
Thallium	205-1	470.75	480.65	478.83	476.74	1.11	ppb
Tin	118-1	462.82	468.40	459.01	463.41	1.02	ppb
Titanium	47-1	4765.17	4888.26	4882.78	4845.40	1.44	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:28:12	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	476.40	497.44	490.69	488.17	2.20	ppb
Vanadium	51-2	483.33	482.23	482.32	482.63	0.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	5006.22	5019.03	4956.62	4993.96	0.66	ppb
Zirconium	90-1	474.95	484.07	483.21	480.74	1.05	ppb
Zirconium	91-1	474.15	487.16	483.00	481.44	1.38	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:35:56	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.97	1.76	2.44	2.06	17.11	ppb
Antimony	121-1	0.08	0.10	0.13	0.10	20.69	ppb
Arsenic	75-2	0.01	0.04	0.01	0.02	66.84	ppb
Barium	135-1	0.04	0.04	0.05	0.04	11.44	ppb
Barium	137-1	0.03	0.01	0.04	0.02	53.98	ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	159.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.02	0.10	0.04	162.89	ppb
Cadmium	106-1	-1.45	-1.86	-0.95	-1.42		ppb
Cadmium	111-1	-0.10	-0.13	-0.05	-0.09		ppb
Calcium	43-1	3.64	0.90	5.39	3.31	68.41	ppb
Calcium	44-1	-2.14	-0.62	0.87	-0.63		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.05	0.02	134.93	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	49.73	ppb
Copper	63-2	0.22	0.23	0.25	0.23	6.79	ppb
Dysprosium	156-1						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				101		%
Iron	56-2	3.49	4.04	5.06	4.20	18.93	ppb
Iron	57-2	-2.15	-3.03	-1.20	-2.13		ppb
Iron	54-2	2.92	4.52	4.37	3.94	22.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:35:56	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.10	0.10	0.11	0.10	6.98	ppb
Lead	207-1	0.08	0.08	0.06	0.08	13.21	ppb
Lead	208-1	0.09	0.09	0.09	0.09	1.64	ppb
Lithium	6-1				97		%
Magnesium	24-2	6.02	5.91	8.32	6.75	20.14	ppb
Manganese	55-2	0.13	0.12	0.21	0.15	32.53	ppb
Molybdenum	94-1	0.14	0.11	0.12	0.12	11.98	ppb
Molybdenum	95-1	0.08	0.08	0.09	0.08	7.53	ppb
Molybdenum	96-1	0.09	0.08	0.10	0.09	12.55	ppb
Molybdenum	97-1	0.09	0.07	0.11	0.09	19.17	ppb
Molybdenum	98-1	0.08	0.08	0.10	0.09	13.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.04	0.07	0.07	31.23	ppb
Phosphorus	31-2	-19.21	-17.35	-17.62	-18.06		ppb
Potassium	39-2	-12.27	-12.09	-10.25	-11.54		ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	-0.72	-0.85	-0.17	-0.58		ppb
Selenium	77-2	0.51	-0.10	0.21	0.20	150.65	ppb
Selenium	78-2	-0.97	0.09	-0.69	-0.52		ppb
Silicon	28-1	-2.05	-1.87	-1.97	-1.96		ppb
Silver	107-1	0.02	0.01	0.02	0.02	6.10	ppb
Silver	109-1	0.02	0.02	0.01	0.02	16.35	ppb
Sodium	23-2	24.84	25.37	27.16	25.79	4.72	ppb
Strontium	86-1	0.10	0.08	0.15	0.11	31.76	ppb
Strontium	88-1	0.11	0.11	0.15	0.12	18.41	ppb
Sulfur	34-1	-1855.12	-1775.97	-1672.16	-1767.75		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.03	0.03	8.67	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	11.24	ppb
Tin	118-1	0.01	-0.01	0.00	0.00		ppb
Titanium	47-1	0.05	0.04	0.13	0.07	69.01	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:35:56	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.01	0.00	49.99	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	14.51	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.20	0.32	0.34	0.29	26.55	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	15.23	ppb
Zirconium	91-1	0.01	0.01	0.04	0.02	87.39	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BL	Instrumnet Name :	P7
Client Sample ID :	PBS269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:39:17	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.64	1.31	1.00	0.99	33.77	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	9.23	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.00	0.00	0.03	0.01	117.98	ppb
Barium	137-1	0.02	0.01	-0.01	0.01	172.39	ppb
Beryllium	9-1	0.00	0.00	0.01	0.01	77.71	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.01	-0.05	0.01	770.04	ppb
Cadmium	106-1	-0.44	0.05	-1.81	-0.73		ppb
Cadmium	111-1	-0.03	0.01	-0.13	-0.05		ppb
Calcium	43-1	-2.40	-3.77	2.21	-1.32		ppb
Calcium	44-1	-2.55	-3.27	-4.43	-3.42		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	0.01	175.96	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	76.62	ppb
Copper	63-2	0.07	0.09	0.10	0.08	13.70	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				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	0.94	1.01	1.40	1.12	21.88	ppb
Iron	57-2	-5.91	-3.59	-1.90	-3.80		ppb
Iron	54-2	-0.22	0.32	-0.13	-0.01		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BL	Instrumnet Name :	P7
Client Sample ID :	PBS269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:39:17	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.08	0.08	0.07	18.29	ppb
Lead	207-1	0.07	0.05	0.05	0.05	18.01	ppb
Lead	208-1	0.06	0.07	0.06	0.06	3.92	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.64	2.17	1.66	1.82	16.57	ppb
Manganese	55-2	0.03	0.03	0.05	0.03	36.00	ppb
Molybdenum	94-1	0.04	0.04	0.03	0.04	4.73	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	30.91	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	21.76	ppb
Molybdenum	97-1	0.02	0.04	0.03	0.03	28.28	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	18.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.01	0.02	74.53	ppb
Phosphorus	31-2	-16.96	-16.43	-18.76	-17.38		ppb
Potassium	39-2	-15.21	-8.37	-7.82	-10.47		ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	-0.07	-0.58	-0.44	-0.36		ppb
Selenium	77-2	0.20	-0.10	0.21	0.10	174.87	ppb
Selenium	78-2	-0.21	-0.46	0.50	-0.06		ppb
Silicon	28-1	-1.81	-1.73	-1.48	-1.68		ppb
Silver	107-1	0.01	0.00	0.01	0.01	48.33	ppb
Silver	109-1	0.00	0.00	0.01	0.01	53.32	ppb
Sodium	23-2	19.51	21.72	21.70	20.98	6.04	ppb
Strontium	86-1	0.01	0.02	0.00	0.01	61.62	ppb
Strontium	88-1	0.04	0.04	0.05	0.05	8.22	ppb
Sulfur	34-1	-1699.89	-1348.03	-1508.31	-1518.74		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.02	0.02	25.85	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	1.56	ppb
Tin	118-1	-0.01	-0.03	-0.01	-0.01		ppb
Titanium	47-1	0.02	0.05	0.01	0.03	75.18	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BL	Instrumnet Name :	P7
Client Sample ID :	PBS269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:39:17	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	55.28	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	66.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	-0.12	-0.23	-0.16	-0.17		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	24.22	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	45.53	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BS	Instrumnet Name :	P7
Client Sample ID :	LCS269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:42:35	DataFile Name :	042LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.07	40.28	40.12	40.49	1.25	ppb
Antimony	121-1	3.78	3.74	3.78	3.77	0.71	ppb
Arsenic	75-2	2.01	1.83	2.03	1.95	5.67	ppb
Barium	135-1	17.64	17.91	17.18	17.58	2.12	ppb
Barium	137-1	17.01	17.84	17.88	17.57	2.79	ppb
Beryllium	9-1	2.13	2.30	2.20	2.21	3.81	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.32	2.52	2.08	2.31	9.54	ppb
Cadmium	106-1	2.57	2.14	1.41	2.04	28.84	ppb
Cadmium	111-1	2.45	2.59	2.60	2.55	3.33	ppb
Calcium	43-1	961.50	950.55	988.28	966.78	2.01	ppb
Calcium	44-1	964.88	966.44	983.09	971.47	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.38	4.39	4.49	4.42	1.36	ppb
Cobalt	59-2	1.93	1.97	2.05	1.98	2.87	ppb
Copper	63-2	4.13	4.03	4.15	4.11	1.52	ppb
Dysprosium	156-1						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				102		%
Indium	115-2				101		%
Iron	56-2	425.73	426.48	431.53	427.91	0.74	ppb
Iron	57-2	418.96	421.76	418.50	419.74	0.42	ppb
Iron	54-2	433.77	438.36	432.75	434.96	0.69	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BS	Instrumnet Name :	P7
Client Sample ID :	LCS269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:42:35	DataFile Name :	042LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.76	1.80	1.77	1.78	0.90	ppb
Lead	207-1	1.68	1.79	1.82	1.76	3.97	ppb
Lead	208-1	1.72	1.76	1.79	1.75	2.04	ppb
Lithium	6-1				96		%
Magnesium	24-2	1040.10	1031.48	1050.34	1040.64	0.91	ppb
Manganese	55-2	1.99	2.08	2.04	2.04	2.17	ppb
Molybdenum	94-1	10.40	10.66	10.67	10.58	1.43	ppb
Molybdenum	95-1	8.58	8.72	8.65	8.65	0.85	ppb
Molybdenum	96-1	8.89	8.88	8.93	8.90	0.31	ppb
Molybdenum	97-1	8.50	8.76	8.61	8.62	1.51	ppb
Molybdenum	98-1	8.67	8.80	8.54	8.67	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.28	2.20	2.12	2.20	3.47	ppb
Phosphorus	31-2	-17.38	-21.09	-15.67	-18.05		ppb
Potassium	39-2	1012.00	1016.97	1019.02	1016.00	0.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	9.93	8.91	9.51	9.45	5.37	ppb
Selenium	77-2	9.02	11.03	12.58	10.88	16.43	ppb
Selenium	78-2	8.76	10.96	8.43	9.38	14.65	ppb
Silicon	28-1	1.65	1.47	1.84	1.66	11.18	ppb
Silver	107-1	1.76	1.81	1.80	1.79	1.56	ppb
Silver	109-1	1.76	1.83	1.78	1.79	1.97	ppb
Sodium	23-2	1014.44	1016.06	1025.58	1018.69	0.59	ppb
Strontium	86-1	1.93	1.95	1.88	1.92	1.90	ppb
Strontium	88-1	1.95	1.97	1.93	1.95	1.00	ppb
Sulfur	34-1	-1436.19	-1462.12	-1460.65	-1452.98		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1.70	1.66	1.78	1.71	3.47	ppb
Thallium	205-1	1.64	1.70	1.71	1.68	2.17	ppb
Tin	118-1	0.06	0.03	-0.01	0.03	124.84	ppb
Titanium	47-1	8.76	8.62	8.99	8.79	2.11	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BS	Instrumnet Name :	P7
Client Sample ID :	LCS269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:42:35	DataFile Name :	042LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.62	1.65	1.62	1.63	1.00	ppb
Vanadium	51-2	9.76	9.66	9.71	9.71	0.55	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	9.69	10.03	9.61	9.78	2.31	ppb
Zirconium	90-1	1.96	1.96	1.93	1.95	0.94	ppb
Zirconium	91-1	2.02	2.03	2.07	2.04	1.15	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:45:56	DataFile Name :	043LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.89	24.96	24.90	24.92	0.16	ppb
Antimony	121-1	1.77	1.58	1.85	1.74	7.94	ppb
Arsenic	75-2	1.01	0.92	0.97	0.97	4.82	ppb
Barium	135-1	8.46	7.35	8.61	8.14	8.46	ppb
Barium	137-1	8.41	7.32	8.64	8.12	8.67	ppb
Beryllium	9-1	0.95	0.90	1.11	0.99	10.85	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.07	0.97	1.28	1.11	14.09	ppb
Cadmium	106-1	0.41	1.62	-0.20	0.61	151.21	ppb
Cadmium	111-1	1.25	1.04	1.12	1.14	9.45	ppb
Calcium	43-1	468.31	385.82	466.51	440.21	10.70	ppb
Calcium	44-1	470.07	397.59	468.17	445.28	9.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.17	2.22	2.08	2.16	3.23	ppb
Cobalt	59-2	0.96	1.00	1.01	0.99	2.42	ppb
Copper	63-2	1.97	2.11	2.02	2.03	3.49	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				106		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	208.44	210.00	206.29	208.24	0.89	ppb
Iron	57-2	204.60	200.12	209.32	204.68	2.25	ppb
Iron	54-2	211.62	206.52	202.58	206.91	2.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:45:56	DataFile Name :	043LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.89	0.71	0.88	0.83	12.05	ppb
Lead	207-1	0.88	0.75	0.83	0.82	8.14	ppb
Lead	208-1	0.90	0.73	0.87	0.83	10.86	ppb
Lithium	6-1				98		%
Magnesium	24-2	511.52	504.25	512.85	509.54	0.91	ppb
Manganese	55-2	0.90	1.01	1.00	0.97	6.37	ppb
Molybdenum	94-1	4.88	4.31	5.03	4.74	8.00	ppb
Molybdenum	95-1	3.98	3.54	4.13	3.88	7.86	ppb
Molybdenum	96-1	4.16	3.55	4.23	3.98	9.41	ppb
Molybdenum	97-1	4.13	3.61	4.29	4.01	8.80	ppb
Molybdenum	98-1	4.07	3.52	4.20	3.93	9.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.16	1.14	1.12	4.65	ppb
Phosphorus	31-2	-15.73	-18.36	-16.29	-16.79		ppb
Potassium	39-2	497.08	483.56	486.64	489.09	1.45	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	4.43	3.98	4.43	4.28	6.08	ppb
Selenium	77-2	5.14	5.28	2.68	4.37	33.43	ppb
Selenium	78-2	5.22	3.33	6.69	5.08	33.15	ppb
Silicon	28-1	0.29	1.33	0.20	0.60	104.00	ppb
Silver	107-1	0.88	0.78	0.87	0.84	6.77	ppb
Silver	109-1	0.84	0.75	0.89	0.83	8.73	ppb
Sodium	23-2	504.80	499.11	499.11	501.01	0.66	ppb
Strontium	86-1	0.93	1.01	0.96	0.97	4.24	ppb
Strontium	88-1	0.94	0.79	0.99	0.91	11.67	ppb
Sulfur	34-1	-1501.85	-2621.50	-1686.00	-1936.45		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.81	0.72	0.85	0.79	8.30	ppb
Thallium	205-1	0.81	0.70	0.79	0.76	7.39	ppb
Tin	118-1	0.05	-0.01	0.02	0.02	165.49	ppb
Titanium	47-1	4.33	3.57	4.38	4.09	11.15	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:45:56	DataFile Name :	043LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.67	0.76	0.73	7.84	ppb
Vanadium	51-2	4.87	4.74	4.69	4.77	1.94	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	5.28	5.33	5.25	5.28	0.79	ppb
Zirconium	90-1	0.94	0.80	0.96	0.90	9.51	ppb
Zirconium	91-1	0.95	0.87	0.98	0.94	6.07	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BL	Instrumnet Name :	P7
Client Sample ID :	PBS271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:49:16	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	0.01	0.31	0.27	89.01	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	24.36	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.04	0.13	0.05	154.38	ppb
Cadmium	106-1	-0.52	-1.67	-0.93	-1.04		ppb
Cadmium	111-1	-0.03	-0.13	-0.08	-0.08		ppb
Calcium	43-1	-2.97	0.31	0.47	-0.73		ppb
Calcium	44-1	-4.47	-3.63	-2.75	-3.62		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	123.07	ppb
Copper	63-2	0.03	0.05	0.04	0.04	25.36	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				103		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	-0.09	-0.20	0.01	-0.10		ppb
Iron	57-2	-5.27	-3.33	-3.59	-4.06		ppb
Iron	54-2	-0.73	-0.48	-0.75	-0.65		ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BL	Instrumnet Name :	P7
Client Sample ID :	PBS271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:49:16	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.04	0.03	0.03	16.85	ppb
Lead	207-1	0.02	0.01	0.03	0.02	39.20	ppb
Lead	208-1	0.03	0.03	0.03	0.03	8.01	ppb
Lithium	6-1				92		%
Magnesium	24-2	-0.25	-0.11	0.36	0.00		ppb
Manganese	55-2	0.00	-0.05	-0.02	-0.02		ppb
Molybdenum	94-1	0.01	0.02	0.01	0.01	46.48	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	209.93	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	417.57	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.01	26.39	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	47.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.00	0.00		ppb
Phosphorus	31-2	-13.70	-18.50	-15.45	-15.88		ppb
Potassium	39-2	-10.21	-11.60	-7.45	-9.76		ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	-0.16	-0.45	-0.22	-0.28		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	0.06	-0.83	-0.01	-0.26		ppb
Silicon	28-1	-1.58	-1.17	-1.49	-1.41		ppb
Silver	107-1	0.01	0.01	0.00	0.01	52.05	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.33	ppb
Sodium	23-2	11.19	14.88	13.34	13.14	14.13	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	7.78	ppb
Sulfur	34-1	-1630.81	-1480.61	-1649.14	-1586.85		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.00	0.00	0.01	80.79	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	250.35	ppb
Tin	118-1	-0.04	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.01	0.03	-0.01	0.01	170.34	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BL	Instrumnet Name :	P7
Client Sample ID :	PBS271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:49:16	DataFile Name :	044CCBE.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	0.01	0.00	0.00	0.00	292.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.34	-0.40	-0.24	-0.33		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	100.23	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	241.97	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BS	Instrumnet Name :	P7
Client Sample ID :	LCS271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:52:37	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.01	40.13	39.64	39.59	1.41	ppb
Antimony	121-1	3.65	3.75	3.66	3.69	1.37	ppb
Arsenic	75-2	2.10	2.04	2.05	2.06	1.32	ppb
Barium	135-1	17.48	17.54	17.69	17.57	0.64	ppb
Barium	137-1	17.01	17.88	18.02	17.64	3.12	ppb
Beryllium	9-1	2.26	2.06	2.09	2.14	4.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.28	2.23	2.92	2.48	15.52	ppb
Cadmium	106-1	1.40	1.50	1.41	1.44	3.69	ppb
Cadmium	111-1	2.31	2.36	2.21	2.29	3.37	ppb
Calcium	43-1	939.37	959.67	973.55	957.53	1.80	ppb
Calcium	44-1	941.29	968.81	960.09	956.73	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.43	4.40	4.34	4.39	1.09	ppb
Cobalt	59-2	2.01	1.99	2.02	2.01	0.72	ppb
Copper	63-2	4.12	4.15	4.01	4.09	1.77	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				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	426.48	424.78	424.33	425.20	0.27	ppb
Iron	57-2	427.78	418.24	421.81	422.61	1.14	ppb
Iron	54-2	431.35	430.93	432.15	431.48	0.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BS	Instrumnet Name :	P7
Client Sample ID :	LCS271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:52:37	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.68	1.73	1.81	1.74	3.93	ppb
Lead	207-1	1.62	1.71	1.67	1.67	2.82	ppb
Lead	208-1	1.65	1.71	1.73	1.70	2.40	ppb
Lithium	6-1				95		%
Magnesium	24-2	1047.78	1044.15	1037.84	1043.26	0.48	ppb
Manganese	55-2	2.05	2.00	2.03	2.03	1.43	ppb
Molybdenum	94-1	10.51	10.33	10.41	10.42	0.88	ppb
Molybdenum	95-1	8.58	8.66	8.79	8.68	1.21	ppb
Molybdenum	96-1	8.69	8.80	8.92	8.80	1.31	ppb
Molybdenum	97-1	8.59	8.76	8.46	8.60	1.72	ppb
Molybdenum	98-1	8.58	8.58	8.66	8.60	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.20	2.26	2.18	2.21	1.97	ppb
Phosphorus	31-2	-16.05	-18.25	-15.64	-16.65		ppb
Potassium	39-2	1011.16	1015.84	1000.71	1009.24	0.77	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	10.41	10.83	10.58	10.61	2.00	ppb
Selenium	77-2	11.67	12.48	9.22	11.12	15.26	ppb
Selenium	78-2	8.94	6.43	10.60	8.66	24.22	ppb
Silicon	28-1	1.00	1.39	1.31	1.23	16.92	ppb
Silver	107-1	1.73	1.78	1.81	1.78	2.37	ppb
Silver	109-1	1.76	1.80	1.79	1.79	1.02	ppb
Sodium	23-2	1007.08	1016.76	1009.54	1011.13	0.50	ppb
Strontium	86-1	1.94	1.92	1.90	1.92	0.98	ppb
Strontium	88-1	1.90	1.96	1.91	1.92	1.49	ppb
Sulfur	34-1	-1570.00	-1392.26	-1511.86	-1491.37		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.60	1.68	1.67	1.65	2.83	ppb
Thallium	205-1	1.62	1.67	1.67	1.65	1.62	ppb
Tin	118-1	-0.01	0.03	0.02	0.01	122.95	ppb
Titanium	47-1	8.63	8.70	9.02	8.78	2.35	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BS	Instrumnet Name :	P7
Client Sample ID :	LCS271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:52:37	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.56	1.63	1.56	1.58	2.45	ppb
Vanadium	51-2	9.84	9.65	9.77	9.75	0.98	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	10.22	10.14	10.07	10.14	0.73	ppb
Zirconium	90-1	1.91	1.94	1.96	1.94	1.48	ppb
Zirconium	91-1	2.05	2.02	1.96	2.01	2.36	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:55:56	DataFile Name :	046LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.15	19.37	20.82	20.11	3.63	ppb
Antimony	121-1	1.78	1.78	1.86	1.81	2.64	ppb
Arsenic	75-2	1.14	0.89	1.12	1.05	13.06	ppb
Barium	135-1	8.78	8.72	8.61	8.70	0.97	ppb
Barium	137-1	8.70	8.51	8.83	8.68	1.88	ppb
Beryllium	9-1	1.01	1.12	1.03	1.05	5.20	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	1.12	0.92	1.06	11.35	ppb
Cadmium	106-1	1.20	0.63	0.64	0.82	39.35	ppb
Cadmium	111-1	1.34	1.11	1.24	1.23	9.40	ppb
Calcium	43-1	459.71	456.61	495.17	470.50	4.55	ppb
Calcium	44-1	468.98	472.25	493.81	478.35	2.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	2.08	2.13	2.12	1.60	ppb
Cobalt	59-2	1.05	1.04	0.99	1.03	3.47	ppb
Copper	63-2	2.01	1.96	2.07	2.01	2.78	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				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	212.01	208.90	209.89	210.27	0.76	ppb
Iron	57-2	205.21	205.10	209.71	206.67	1.27	ppb
Iron	54-2	211.24	212.61	209.72	211.19	0.68	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:55:56	DataFile Name :	046LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.88	0.85	0.82	0.85	3.28	ppb
Lead	207-1	0.83	0.84	0.87	0.85	2.02	ppb
Lead	208-1	0.87	0.84	0.84	0.85	1.94	ppb
Lithium	6-1				97		%
Magnesium	24-2	515.67	505.36	515.94	512.32	1.18	ppb
Manganese	55-2	0.97	0.98	1.06	1.01	5.05	ppb
Molybdenum	94-1	5.05	5.12	5.25	5.14	2.01	ppb
Molybdenum	95-1	4.22	4.32	4.25	4.26	1.13	ppb
Molybdenum	96-1	4.28	4.29	4.47	4.35	2.39	ppb
Molybdenum	97-1	4.10	4.18	4.42	4.23	3.90	ppb
Molybdenum	98-1	4.11	4.24	4.31	4.22	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.99	1.01	1.02	3.83	ppb
Phosphorus	31-2	-15.99	-12.01	-13.03	-13.67		ppb
Potassium	39-2	486.41	486.06	495.50	489.32	1.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	5.68	5.19	5.27	5.38	4.86	ppb
Selenium	77-2	4.54	6.42	6.09	5.68	17.64	ppb
Selenium	78-2	4.43	2.31	4.91	3.88	35.60	ppb
Silicon	28-1	-0.29	-0.11	0.41	0.00	76607.73	ppb
Silver	107-1	0.88	0.88	0.91	0.89	1.94	ppb
Silver	109-1	0.89	0.87	0.91	0.89	2.27	ppb
Sodium	23-2	498.71	490.67	498.56	495.98	0.93	ppb
Strontium	86-1	0.91	0.99	0.92	0.94	4.39	ppb
Strontium	88-1	0.93	0.96	0.95	0.95	1.46	ppb
Sulfur	34-1	-1322.26	-1183.87	-1001.42	-1169.18		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.86	0.82	0.78	0.82	5.32	ppb
Thallium	205-1	0.82	0.80	0.80	0.81	1.19	ppb
Tin	118-1	-0.01	-0.03	-0.02	-0.02		ppb
Titanium	47-1	4.08	4.27	4.55	4.30	5.47	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:55:56	DataFile Name :	046LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.78	0.79	0.79	0.57	ppb
Vanadium	51-2	4.81	4.61	4.76	4.73	2.23	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	5.14	4.82	5.21	5.06	4.05	ppb
Zirconium	90-1	0.98	0.94	0.94	0.96	2.31	ppb
Zirconium	91-1	0.93	0.88	0.98	0.93	5.56	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BL	Instrumnet Name :	P7
Client Sample ID :	PBS273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:59:17	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.32	0.72	0.39	79.18	ppb
Antimony	121-1	0.00	0.01	0.01	0.00	27.22	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00	625.73	ppb
Barium	137-1	0.00	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	52.32	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.01	0.04	0.03	62.31	ppb
Cadmium	106-1	0.43	-0.47	-0.69	-0.24		ppb
Cadmium	111-1	0.04	-0.03	-0.05	-0.01		ppb
Calcium	43-1	-0.29	-4.13	-1.09	-1.84		ppb
Calcium	44-1	-4.55	-5.93	-5.55	-5.34		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.02	0.02	0.02	52.20	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	18.10	ppb
Copper	63-2	0.06	0.02	0.04	0.04	44.90	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				102		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	0.22	0.07	0.12	0.14	55.95	ppb
Iron	57-2	-5.31	-2.92	-0.97	-3.07		ppb
Iron	54-2	-1.56	0.01	-0.67	-0.74		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BL	Instrumnet Name :	P7
Client Sample ID :	PBS273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:59:17	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.02	0.02	32.36	ppb
Lead	207-1	0.01	0.02	0.02	0.02	27.02	ppb
Lead	208-1	0.02	0.02	0.02	0.02	8.40	ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.16	-0.23	-0.38	-0.25		ppb
Manganese	55-2	0.06	0.05	0.08	0.06	22.35	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	436.00	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	1599.46	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	779.17	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.00	201.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-15.89	-15.41	-18.05	-16.45		ppb
Potassium	39-2	-9.25	-9.15	-2.86	-7.09		ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.09	-0.50	-0.13	-0.18		ppb
Selenium	77-2	-0.10	0.21	-0.10	0.00	10631.73	ppb
Selenium	78-2	1.09	-0.83	0.89	0.38	276.87	ppb
Silicon	28-1	-1.69	-1.41	-1.17	-1.42		ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.34	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.91	ppb
Sodium	23-2	10.97	9.48	9.27	9.91	9.34	ppb
Strontium	86-1	-0.03	-0.03	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	85.26	ppb
Sulfur	34-1	-1215.50	-1205.55	-1012.86	-1144.64		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.00	0.00	11.44	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	67.47	ppb
Tin	118-1	-0.05	-0.02	-0.03	-0.03		ppb
Titanium	47-1	-0.01	-0.02	-0.01	-0.01		ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BL	Instrumnet Name :	P7
Client Sample ID :	PBS273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:59:17	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	616.14	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1867.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	-0.27	-0.27	-0.36	-0.30		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	162.74	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	81.72	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BS	Instrumnet Name :	P7
Client Sample ID :	LCS273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:02:36	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.85	55.05	57.15	56.02	1.89	ppb
Antimony	121-1	3.68	3.68	3.75	3.70	1.12	ppb
Arsenic	75-2	2.12	2.03	2.03	2.06	2.31	ppb
Barium	135-1	17.76	17.21	17.43	17.47	1.58	ppb
Barium	137-1	17.69	17.96	17.97	17.88	0.88	ppb
Beryllium	9-1	2.09	2.36	1.93	2.13	10.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.70	2.48	2.36	2.51	6.79	ppb
Cadmium	106-1	1.33	2.03	1.61	1.65	21.33	ppb
Cadmium	111-1	2.34	2.37	2.38	2.36	0.91	ppb
Calcium	43-1	971.69	970.72	1024.74	989.05	3.13	ppb
Calcium	44-1	974.56	980.23	1009.45	988.08	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.38	4.42	4.33	4.38	1.02	ppb
Cobalt	59-2	2.05	2.01	2.03	2.03	0.90	ppb
Copper	63-2	4.01	4.07	4.04	4.04	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				102		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	431.49	422.76	431.35	428.53	1.17	ppb
Iron	57-2	420.74	430.34	429.74	426.94	1.26	ppb
Iron	54-2	429.18	430.56	432.98	430.91	0.45	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BS	Instrumnet Name :	P7
Client Sample ID :	LCS273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:02:36	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.74	1.70	1.66	1.70	2.37	ppb
Lead	207-1	1.70	1.66	1.76	1.71	2.94	ppb
Lead	208-1	1.74	1.70	1.74	1.72	1.32	ppb
Lithium	6-1				95		%
Magnesium	24-2	1051.90	1048.77	1059.59	1053.42	0.53	ppb
Manganese	55-2	2.10	1.91	2.11	2.04	5.69	ppb
Molybdenum	94-1	10.42	10.55	10.69	10.55	1.28	ppb
Molybdenum	95-1	8.73	8.58	8.65	8.65	0.84	ppb
Molybdenum	96-1	8.86	8.76	9.02	8.88	1.47	ppb
Molybdenum	97-1	8.64	8.47	8.76	8.62	1.68	ppb
Molybdenum	98-1	8.63	8.55	8.83	8.67	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.30	2.28	2.23	5.13	ppb
Phosphorus	31-2	-17.43	-14.91	-13.10	-15.15		ppb
Potassium	39-2	1017.14	1012.70	1040.94	1023.59	1.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	9.96	9.99	10.43	10.13	2.64	ppb
Selenium	77-2	10.61	9.38	9.38	9.79	7.28	ppb
Selenium	78-2	9.92	8.95	11.44	10.10	12.44	ppb
Silicon	28-1	1.98	1.87	2.23	2.03	8.89	ppb
Silver	107-1	1.76	1.83	1.83	1.81	2.32	ppb
Silver	109-1	1.76	1.82	1.84	1.81	2.25	ppb
Sodium	23-2	1003.44	1005.16	1013.00	1007.20	0.51	ppb
Strontium	86-1	1.95	1.99	1.96	1.97	1.08	ppb
Strontium	88-1	1.94	1.90	2.00	1.95	2.38	ppb
Sulfur	34-1	-925.19	-1083.53	-688.72	-899.14		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1.71	1.68	1.67	1.69	1.12	ppb
Thallium	205-1	1.69	1.67	1.70	1.69	1.12	ppb
Tin	118-1	0.00	0.02	0.03	0.02	71.05	ppb
Titanium	47-1	8.67	8.99	9.27	8.98	3.35	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BS	Instrumnet Name :	P7
Client Sample ID :	LCS273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:02:36	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.59	1.63	1.64	1.62	1.80	ppb
Vanadium	51-2	9.85	9.74	9.98	9.86	1.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	9.69	10.11	10.56	10.12	4.30	ppb
Zirconium	90-1	1.95	1.95	1.99	1.96	1.12	ppb
Zirconium	91-1	1.94	1.87	2.02	1.94	4.06	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:05:58	DataFile Name :	049LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.61	18.90	19.40	19.30	1.89	ppb
Antimony	121-1	1.85	1.86	1.84	1.85	0.63	ppb
Arsenic	75-2	1.04	1.17	1.10	1.10	5.68	ppb
Barium	135-1	8.71	8.78	8.83	8.77	0.69	ppb
Barium	137-1	8.58	8.65	9.05	8.76	2.88	ppb
Beryllium	9-1	1.04	1.08	1.03	1.05	2.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.22	1.20	1.45	1.29	10.76	ppb
Cadmium	106-1	1.41	0.54	0.52	0.82	62.45	ppb
Cadmium	111-1	1.29	1.21	1.19	1.23	4.44	ppb
Calcium	43-1	451.10	472.93	492.27	472.10	4.36	ppb
Calcium	44-1	476.52	482.76	496.79	485.36	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	2.13	2.06	2.09	1.81	ppb
Cobalt	59-2	1.00	0.98	0.97	0.98	1.39	ppb
Copper	63-2	2.04	1.97	2.00	2.00	1.80	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				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	212.41	208.79	209.69	210.29	0.90	ppb
Iron	57-2	208.97	204.79	209.40	207.72	1.22	ppb
Iron	54-2	210.01	211.91	212.95	211.62	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:05:58	DataFile Name :	049LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.91	0.92	0.90	3.38	ppb
Lead	207-1	0.84	0.87	0.87	0.86	2.16	ppb
Lead	208-1	0.86	0.88	0.90	0.88	2.18	ppb
Lithium	6-1				94		%
Magnesium	24-2	518.64	512.34	511.09	514.02	0.79	ppb
Manganese	55-2	1.00	0.96	1.04	1.00	3.90	ppb
Molybdenum	94-1	5.21	5.11	5.10	5.14	1.13	ppb
Molybdenum	95-1	4.19	4.28	4.22	4.23	1.09	ppb
Molybdenum	96-1	4.24	4.34	4.24	4.28	1.38	ppb
Molybdenum	97-1	4.09	4.33	4.12	4.18	3.09	ppb
Molybdenum	98-1	4.23	4.28	4.20	4.23	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.08	1.06	1.10	4.83	ppb
Phosphorus	31-2	-11.00	-18.15	-19.67	-16.28		ppb
Potassium	39-2	502.04	502.24	501.84	502.04	0.04	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	5.76	4.08	5.18	5.01	16.95	ppb
Selenium	77-2	4.52	4.62	4.86	4.67	3.73	ppb
Selenium	78-2	4.18	4.86	3.80	4.28	12.58	ppb
Silicon	28-1	0.13	0.81	0.60	0.51	68.59	ppb
Silver	107-1	0.91	0.93	0.90	0.91	1.25	ppb
Silver	109-1	0.89	0.88	0.93	0.90	2.68	ppb
Sodium	23-2	502.48	499.34	499.65	500.49	0.35	ppb
Strontium	86-1	0.91	0.99	1.00	0.97	5.00	ppb
Strontium	88-1	0.98	0.98	0.97	0.98	0.47	ppb
Sulfur	34-1	-1171.77	-998.76	-1102.80	-1091.11		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.84	0.84	0.87	0.85	2.28	ppb
Thallium	205-1	0.83	0.82	0.84	0.83	0.91	ppb
Tin	118-1	0.08	0.04	0.01	0.04	83.41	ppb
Titanium	47-1	4.20	4.17	4.34	4.24	2.25	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:05:58	DataFile Name :	049LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.77	0.83	0.79	4.54	ppb
Vanadium	51-2	4.94	4.70	4.74	4.79	2.67	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	5.32	5.27	5.33	5.31	0.69	ppb
Zirconium	90-1	0.96	0.97	0.96	0.96	0.53	ppb
Zirconium	91-1	0.91	0.95	0.98	0.95	3.62	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BL	Instrumnet Name :	P7
Client Sample ID :	PBS275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:09:15	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.95	5.96	5.70	5.87	2.43	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	58.04	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00		ppb
Barium	135-1	0.00	0.00	0.01	0.00	144.13	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	1.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.04	-0.02	0.00		ppb
Cadmium	106-1	0.36	-1.68	-0.94	-0.75		ppb
Cadmium	111-1	0.03	-0.12	-0.07	-0.06		ppb
Calcium	43-1	0.71	0.50	1.77	0.99	68.72	ppb
Calcium	44-1	-1.74	-1.05	-2.91	-1.90		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.06	0.00	0.02	211.55	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	8.56	ppb
Copper	63-2	0.05	0.02	0.03	0.03	40.13	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				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	-0.15	-0.11	-0.22	-0.16		ppb
Iron	57-2	-4.60	-0.06	-2.42	-2.36		ppb
Iron	54-2	-0.60	-0.55	-0.45	-0.53		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BL	Instrumnet Name :	P7
Client Sample ID :	PBS275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:09:15	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.02	0.01	71.49	ppb
Lead	207-1	0.00	0.03	-0.02	0.00	1266.96	ppb
Lead	208-1	0.01	0.01	0.00	0.01	51.30	ppb
Lithium	6-1				93		%
Magnesium	24-2	-0.45	-0.25	-0.16	-0.29		ppb
Manganese	55-2	-0.02	-0.01	0.02	0.00		ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	499.30	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	93.73	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-17.02	-19.96	-15.02	-17.34		ppb
Potassium	39-2	-8.83	-7.16	-10.48	-8.82		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	-0.57	0.17	-0.04	-0.15		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	0.52	-0.21	-1.51	-0.40		ppb
Silicon	28-1	-1.18	-1.15	-1.25	-1.19		ppb
Silver	107-1	0.01	0.01	0.01	0.01	2.97	ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.29	ppb
Sodium	23-2	7.24	5.31	8.79	7.11	24.52	ppb
Strontium	86-1	-0.02	-0.01	0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	7479.35	ppb
Sulfur	34-1	-1282.62	-1104.32	-1369.09	-1252.01		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.01	-0.04	0.02	0.00		ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BL	Instrumnet Name :	P7
Client Sample ID :	PBS275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:09:15	DataFile Name :	050CCBE.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	0.01	0.01	0.00	82.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.07	-0.16	-0.23	-0.15		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	70.89	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	250.21	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BS	Instrumnet Name :	P7
Client Sample ID :	LCS275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:12:36	DataFile Name :	051LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.97	39.66	39.68	40.11	1.88	ppb
Antimony	121-1	3.61	3.69	3.72	3.68	1.53	ppb
Arsenic	75-2	1.79	1.96	2.17	1.97	9.56	ppb
Barium	135-1	17.36	17.31	17.84	17.51	1.67	ppb
Barium	137-1	17.45	17.83	17.29	17.52	1.58	ppb
Beryllium	9-1	2.00	2.06	1.97	2.01	2.26	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.92	2.11	2.27	2.10	8.33	ppb
Cadmium	106-1	2.01	2.30	2.02	2.11	7.64	ppb
Cadmium	111-1	2.39	2.46	2.43	2.43	1.62	ppb
Calcium	43-1	947.72	988.59	982.36	972.89	2.26	ppb
Calcium	44-1	937.42	976.16	973.01	962.20	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.46	4.50	4.32	4.42	2.11	ppb
Cobalt	59-2	2.00	2.03	1.97	2.00	1.44	ppb
Copper	63-2	4.00	3.99	4.05	4.01	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				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	425.89	424.50	426.50	425.63	0.24	ppb
Iron	57-2	423.94	424.15	416.23	421.44	1.07	ppb
Iron	54-2	429.57	436.41	430.73	432.24	0.85	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BS	Instrumnet Name :	P7
Client Sample ID :	LCS275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:12:36	DataFile Name :	051LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.64	1.73	1.77	1.72	3.85	ppb
Lead	207-1	1.69	1.72	1.69	1.70	0.93	ppb
Lead	208-1	1.68	1.72	1.75	1.72	1.91	ppb
Lithium	6-1				93		%
Magnesium	24-2	1042.47	1046.08	1044.74	1044.43	0.17	ppb
Manganese	55-2	1.91	2.05	2.02	1.99	3.58	ppb
Molybdenum	94-1	10.10	10.35	10.24	10.23	1.22	ppb
Molybdenum	95-1	8.22	8.39	8.53	8.38	1.87	ppb
Molybdenum	96-1	8.60	8.86	8.56	8.67	1.84	ppb
Molybdenum	97-1	8.37	8.52	8.59	8.49	1.35	ppb
Molybdenum	98-1	8.34	8.44	8.47	8.42	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.40	2.14	2.19	2.24	6.14	ppb
Phosphorus	31-2	-14.95	-13.77	-16.43	-15.05		ppb
Potassium	39-2	1007.13	1020.25	1022.64	1016.67	0.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	10.24	10.48	10.72	10.48	2.28	ppb
Selenium	77-2	11.55	6.31	11.04	9.63	29.95	ppb
Selenium	78-2	11.98	14.78	10.41	12.39	17.86	ppb
Silicon	28-1	1.54	2.09	2.17	1.93	17.57	ppb
Silver	107-1	1.77	1.84	1.78	1.80	1.95	ppb
Silver	109-1	1.80	1.76	1.80	1.79	1.40	ppb
Sodium	23-2	1005.81	1002.43	1001.23	1003.16	0.24	ppb
Strontium	86-1	1.85	1.81	1.85	1.84	1.36	ppb
Strontium	88-1	1.90	1.87	1.89	1.89	0.83	ppb
Sulfur	34-1	-1209.56	-955.23	-852.44	-1005.74		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1.66	1.66	1.65	1.66	0.27	ppb
Thallium	205-1	1.62	1.62	1.64	1.63	0.88	ppb
Tin	118-1	-0.02	0.02	0.01	0.00	1092.39	ppb
Titanium	47-1	8.75	8.64	9.02	8.80	2.18	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BS	Instrumnet Name :	P7
Client Sample ID :	LCS275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:12:36	DataFile Name :	051LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.58	1.57	1.58	1.58	0.35	ppb
Vanadium	51-2	9.74	9.79	9.46	9.66	1.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	9.69	9.55	10.00	9.75	2.35	ppb
Zirconium	90-1	1.94	1.93	1.87	1.91	2.08	ppb
Zirconium	91-1	1.94	1.86	1.97	1.92	2.94	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:15:54	DataFile Name :	052LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.15	20.38	20.43	20.65	2.09	ppb
Antimony	121-1	1.87	1.86	2.05	1.93	5.46	ppb
Arsenic	75-2	0.98	0.87	1.10	0.98	11.75	ppb
Barium	135-1	8.87	8.67	10.04	9.19	8.01	ppb
Barium	137-1	8.81	8.98	9.90	9.23	6.38	ppb
Beryllium	9-1	1.11	1.03	1.14	1.09	5.51	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	1.11	1.72	1.28	29.91	ppb
Cadmium	106-1	1.50	0.79	0.53	0.94	53.53	ppb
Cadmium	111-1	1.34	1.21	1.29	1.28	4.93	ppb
Calcium	43-1	482.50	504.15	545.17	510.61	6.23	ppb
Calcium	44-1	484.26	488.05	552.99	508.43	7.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	2.21	2.25	2.20	2.78	ppb
Cobalt	59-2	1.04	1.08	1.02	1.05	2.71	ppb
Copper	63-2	2.06	2.07	1.99	2.04	2.05	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				101		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	215.77	218.52	217.84	217.38	0.66	ppb
Iron	57-2	220.59	214.50	215.22	216.77	1.53	ppb
Iron	54-2	219.06	216.73	217.89	217.90	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:15:54	DataFile Name :	052LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.90	0.91	1.01	0.94	6.65	ppb
Lead	207-1	0.85	0.94	0.94	0.91	5.83	ppb
Lead	208-1	0.87	0.87	0.96	0.90	5.80	ppb
Lithium	6-1				93		%
Magnesium	24-2	531.84	535.13	532.71	533.23	0.32	ppb
Manganese	55-2	1.00	1.06	1.05	1.04	2.77	ppb
Molybdenum	94-1	5.17	5.25	5.98	5.47	8.14	ppb
Molybdenum	95-1	4.36	4.41	4.69	4.49	4.03	ppb
Molybdenum	96-1	4.41	4.39	4.80	4.54	5.15	ppb
Molybdenum	97-1	4.35	4.28	4.79	4.47	6.23	ppb
Molybdenum	98-1	4.42	4.31	4.86	4.53	6.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.08	1.14	1.14	5.86	ppb
Phosphorus	31-2	-17.30	-16.82	-15.03	-16.38		ppb
Potassium	39-2	513.82	517.25	515.40	515.49	0.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	5.61	5.03	5.88	5.51	7.88	ppb
Selenium	77-2	5.68	6.26	2.97	4.97	35.30	ppb
Selenium	78-2	4.82	5.59	5.27	5.23	7.36	ppb
Silicon	28-1	0.17	0.34	2.63	1.05	131.37	ppb
Silver	107-1	0.91	0.90	1.00	0.93	6.21	ppb
Silver	109-1	0.91	0.88	1.00	0.93	7.18	ppb
Sodium	23-2	518.55	513.61	514.88	515.68	0.50	ppb
Strontium	86-1	1.01	0.89	1.12	1.01	11.39	ppb
Strontium	88-1	0.99	0.99	1.08	1.02	4.86	ppb
Sulfur	34-1	-1012.40	-1036.61	-82.46	-710.49		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.84	0.84	0.95	0.87	7.25	ppb
Thallium	205-1	0.85	0.82	0.93	0.87	6.55	ppb
Tin	118-1	0.00	0.01	0.02	0.01	130.83	ppb
Titanium	47-1	4.33	4.40	4.89	4.54	6.75	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:15:54	DataFile Name :	052LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.80	0.89	0.82	8.60	ppb
Vanadium	51-2	4.97	5.03	4.84	4.95	2.02	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	4.82	5.00	4.92	4.91	1.81	ppb
Zirconium	90-1	0.98	0.97	1.05	1.00	3.94	ppb
Zirconium	91-1	1.03	1.01	1.09	1.05	3.76	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:19:14	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7627.63	7593.91	7511.33	7577.62	0.79	ppb
Antimony	121-1	0.40	0.41	0.44	0.42	4.23	ppb
Arsenic	75-2	32.58	33.11	33.61	33.10	1.55	ppb
Barium	135-1	54.61	55.47	55.29	55.12	0.82	ppb
Barium	137-1	55.12	54.84	56.23	55.39	1.33	ppb
Beryllium	9-1	0.28	0.34	0.32	0.32	9.80	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.49	0.68	0.53	23.83	ppb
Cadmium	106-1	1.13	0.81	0.29	0.74	57.10	ppb
Cadmium	111-1	0.56	0.48	0.48	0.51	8.86	ppb
Calcium	43-1	2973.05	2903.79	2943.76	2940.20	1.18	ppb
Calcium	44-1	2957.55	2936.22	2980.40	2958.06	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.53	9.52	9.76	9.61	1.41	ppb
Cobalt	59-2	8.51	8.47	8.44	8.47	0.39	ppb
Copper	63-2	39.95	39.78	39.92	39.89	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				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	20694.55	20257.41	20490.90	20480.95	1.07	ppb
Iron	57-2	20951.05	20676.71	20844.04	20823.93	0.66	ppb
Iron	54-2	20708.75	20647.27	20614.50	20656.84	0.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:19:14	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.99	26.66	27.22	26.95	1.04	ppb
Lead	207-1	28.20	27.70	28.28	28.06	1.12	ppb
Lead	208-1	27.48	26.96	27.62	27.35	1.27	ppb
Lithium	6-1				94		%
Magnesium	24-2	3370.15	3359.59	3394.93	3374.89	0.54	ppb
Manganese	55-2	331.22	329.01	333.68	331.30	0.70	ppb
Molybdenum	94-1	2.63	2.59	2.63	2.62	0.91	ppb
Molybdenum	95-1	0.26	0.25	0.29	0.26	8.39	ppb
Molybdenum	96-1	0.66	0.61	0.63	0.63	3.84	ppb
Molybdenum	97-1	0.24	0.29	0.27	0.27	8.10	ppb
Molybdenum	98-1	0.27	0.24	0.25	0.25	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.99	9.20	9.47	9.22	2.63	ppb
Phosphorus	31-2	694.41	703.52	688.20	695.38	1.11	ppb
Potassium	39-2	1846.23	1841.38	1840.86	1842.82	0.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.03	0.79	-0.31	0.17	334.33	ppb
Selenium	77-2	4.07	3.18	2.61	3.29	22.41	ppb
Selenium	78-2	0.00	0.74	0.21	0.32	120.25	ppb
Silicon	28-1	222.39	223.68	223.39	223.15	0.30	ppb
Silver	107-1	0.19	0.16	0.15	0.17	11.13	ppb
Silver	109-1	0.19	0.18	0.17	0.18	5.67	ppb
Sodium	23-2	44.67	46.93	48.63	46.74	4.25	ppb
Strontium	86-1	13.94	13.82	13.67	13.81	0.98	ppb
Strontium	88-1	13.79	13.81	13.90	13.83	0.42	ppb
Sulfur	34-1	-1433.41	-1955.22	-2051.59	-1813.41		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.07	0.07	0.07	8.11	ppb
Thallium	205-1	0.07	0.06	0.07	0.06	7.94	ppb
Tin	118-1	0.53	0.55	0.57	0.55	4.20	ppb
Titanium	47-1	225.83	226.20	225.71	225.91	0.11	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:19:14	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.18	0.16	0.17	4.38	ppb
Vanadium	51-2	34.49	33.81	34.09	34.13	1.00	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	109.20	110.14	109.43	109.59	0.45	ppb
Zirconium	90-1	1.44	1.43	1.43	1.43	0.43	ppb
Zirconium	91-1	1.42	1.42	1.49	1.45	2.92	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17D	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:22:29	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7544.70	7716.34	7561.57	7607.54	1.24	ppb
Antimony	121-1	0.41	0.41	0.38	0.40	5.02	ppb
Arsenic	75-2	32.72	33.69	32.81	33.08	1.62	ppb
Barium	135-1	54.43	55.29	54.73	54.81	0.80	ppb
Barium	137-1	55.33	54.59	54.89	54.94	0.67	ppb
Beryllium	9-1	0.31	0.38	0.30	0.33	14.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.55	0.43	0.85	0.61	35.59	ppb
Cadmium	106-1	0.39	0.72	0.43	0.51	35.10	ppb
Cadmium	111-1	0.45	0.49	0.44	0.46	5.63	ppb
Calcium	43-1	2840.13	2957.28	2938.67	2912.03	2.16	ppb
Calcium	44-1	2913.08	3008.12	2965.73	2962.31	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.42	9.54	9.64	9.53	1.15	ppb
Cobalt	59-2	8.43	8.34	8.28	8.35	0.95	ppb
Copper	63-2	39.17	40.06	39.48	39.57	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				103		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	20132.81	20549.49	20120.82	20267.71	1.20	ppb
Iron	57-2	20090.51	20804.35	20488.62	20461.16	1.75	ppb
Iron	54-2	19736.68	20615.44	20653.41	20335.18	2.55	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17D	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:22:29	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.03	27.12	26.86	27.01	0.49	ppb
Lead	207-1	27.70	27.90	28.02	27.87	0.57	ppb
Lead	208-1	27.13	27.25	27.36	27.24	0.42	ppb
Lithium	6-1				88		%
Magnesium	24-2	3293.37	3391.71	3322.58	3335.89	1.51	ppb
Manganese	55-2	327.33	334.03	330.82	330.73	1.01	ppb
Molybdenum	94-1	2.53	2.58	2.57	2.56	1.02	ppb
Molybdenum	95-1	0.26	0.27	0.26	0.26	1.62	ppb
Molybdenum	96-1	0.57	0.62	0.61	0.60	3.89	ppb
Molybdenum	97-1	0.22	0.25	0.28	0.25	12.71	ppb
Molybdenum	98-1	0.23	0.25	0.23	0.24	4.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.88	9.40	8.88	9.05	3.36	ppb
Phosphorus	31-2	658.42	671.58	675.54	668.51	1.34	ppb
Potassium	39-2	1797.10	1846.98	1823.94	1822.67	1.37	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.03	0.45	0.69	0.39	85.91	ppb
Selenium	77-2	4.99	4.18	3.54	4.24	17.14	ppb
Selenium	78-2	0.69	-0.48	0.75	0.32	214.64	ppb
Silicon	28-1	224.09	239.15	234.25	232.50	3.30	ppb
Silver	107-1	0.16	0.17	0.16	0.16	2.60	ppb
Silver	109-1	0.13	0.16	0.15	0.15	10.35	ppb
Sodium	23-2	51.38	56.48	52.92	53.59	4.89	ppb
Strontium	86-1	13.67	13.93	13.59	13.73	1.29	ppb
Strontium	88-1	13.59	13.78	13.57	13.65	0.86	ppb
Sulfur	34-1	-2616.91	-2575.51	-2812.41	-2668.28		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.05	0.05	0.05	9.23	ppb
Thallium	205-1	0.06	0.05	0.06	0.05	10.77	ppb
Tin	118-1	0.51	0.50	0.67	0.56	17.24	ppb
Titanium	47-1	224.75	229.72	226.45	226.97	1.11	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17D	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:22:29	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.17	0.17	2.08	ppb
Vanadium	51-2	33.56	34.36	33.65	33.86	1.30	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	107.94	109.20	108.05	108.40	0.64	ppb
Zirconium	90-1	1.38	1.42	1.42	1.41	1.65	ppb
Zirconium	91-1	1.35	1.37	1.43	1.39	3.14	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB17L	Dilution Factor :	20
Date & Time Acquired :	2024-10-28 16:25:46	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1497.65	1499.24	1519.19	1505.36	0.80	ppb
Antimony	121-1	0.08	0.07	0.09	0.08	13.93	ppb
Arsenic	75-2	6.59	6.61	6.98	6.73	3.25	ppb
Barium	135-1	10.80	9.82	10.70	10.44	5.18	ppb
Barium	137-1	10.70	9.73	10.82	10.42	5.74	ppb
Beryllium	9-1	0.06	0.05	0.10	0.07	44.08	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.03	0.16	0.06	163.76	ppb
Cadmium	106-1	-0.13	0.05	-0.84	-0.30		ppb
Cadmium	111-1	0.06	0.10	0.01	0.06	72.19	ppb
Calcium	43-1	574.37	516.40	590.01	560.26	6.92	ppb
Calcium	44-1	577.40	514.77	591.57	561.25	7.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.84	1.88	1.87	1.73	ppb
Cobalt	59-2	1.62	1.69	1.68	1.66	2.44	ppb
Copper	63-2	7.75	7.86	7.83	7.81	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				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	3997.26	4026.23	3994.52	4006.00	0.44	ppb
Iron	57-2	4016.36	4024.64	4074.13	4038.38	0.77	ppb
Iron	54-2	4163.96	4144.00	4190.94	4166.30	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB17L	Dilution Factor :	20
Date & Time Acquired :	2024-10-28 16:25:46	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.26	4.75	5.15	5.05	5.30	ppb
Lead	207-1	5.46	4.88	5.29	5.21	5.72	ppb
Lead	208-1	5.33	4.80	5.22	5.12	5.48	ppb
Lithium	6-1				91		%
Magnesium	24-2	656.73	659.65	667.08	661.15	0.81	ppb
Manganese	55-2	65.18	64.78	65.94	65.30	0.90	ppb
Molybdenum	94-1	0.46	0.50	0.52	0.49	6.10	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	18.94	ppb
Molybdenum	96-1	0.10	0.11	0.10	0.10	4.34	ppb
Molybdenum	97-1	0.06	0.05	0.03	0.05	23.85	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.05	10.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.77	1.68	1.73	1.72	2.67	ppb
Phosphorus	31-2	113.02	125.23	114.99	117.74	5.57	ppb
Potassium	39-2	354.18	354.87	354.84	354.63	0.11	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	-0.54	-0.05	-0.38	-0.32		ppb
Selenium	77-2	1.44	0.82	0.83	1.03	34.05	ppb
Selenium	78-2	1.18	-1.75	-1.61	-0.73		ppb
Silicon	28-1	48.07	43.88	46.89	46.28	4.67	ppb
Silver	107-1	0.02	0.02	0.03	0.03	15.41	ppb
Silver	109-1	0.02	0.03	0.03	0.03	17.60	ppb
Sodium	23-2	19.24	20.73	21.12	20.36	4.88	ppb
Strontium	86-1	2.66	2.55	2.96	2.72	7.75	ppb
Strontium	88-1	2.68	2.41	2.74	2.61	6.74	ppb
Sulfur	34-1	-2918.77	-3510.95	-3018.14	-3149.29		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.00	0.01	58.58	ppb
Thallium	205-1	0.00	0.02	0.00	0.01	113.38	ppb
Tin	118-1	0.15	0.09	0.12	0.12	26.80	ppb
Titanium	47-1	45.01	40.78	45.13	43.64	5.68	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB17L	Dilution Factor :	20
Date & Time Acquired :	2024-10-28 16:25:46	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.03	0.04	0.04	15.72	ppb
Vanadium	51-2	6.45	6.71	6.97	6.71	3.92	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	21.60	21.07	21.05	21.24	1.46	ppb
Zirconium	90-1	0.28	0.26	0.27	0.27	5.17	ppb
Zirconium	91-1	0.27	0.23	0.33	0.28	16.65	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17S	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:29:03	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8000.92	7984.60	7956.16	7980.56	0.28	ppb
Antimony	121-1	15.62	15.79	16.34	15.92	2.37	ppb
Arsenic	75-2	39.24	40.43	39.92	39.86	1.50	ppb
Barium	135-1	341.80	341.64	353.46	345.63	1.96	ppb
Barium	137-1	345.56	350.30	355.62	350.49	1.44	ppb
Beryllium	9-1	9.20	9.16	9.23	9.19	0.39	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.77	7.71	8.75	8.08	7.20	ppb
Cadmium	106-1	7.69	6.71	7.65	7.35	7.55	ppb
Cadmium	111-1	8.25	8.24	8.31	8.27	0.44	ppb
Calcium	43-1	2916.99	2938.99	2944.28	2933.42	0.49	ppb
Calcium	44-1	2971.13	2935.28	3006.65	2971.02	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.27	42.36	42.77	42.46	0.63	ppb
Cobalt	59-2	91.24	90.48	91.27	91.00	0.49	ppb
Copper	63-2	79.02	77.79	78.74	78.52	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				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	20686.98	20402.11	20678.42	20589.17	0.79	ppb
Iron	57-2	20938.01	20964.94	20213.96	20705.64	2.06	ppb
Iron	54-2	20850.89	20870.10	20928.02	20883.00	0.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17S	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:29:03	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.32	29.54	30.30	29.72	1.73	ppb
Lead	207-1	29.86	30.71	31.21	30.59	2.23	ppb
Lead	208-1	29.66	29.94	30.70	30.10	1.79	ppb
Lithium	6-1				91		%
Magnesium	24-2	3380.78	3362.13	3383.34	3375.42	0.34	ppb
Manganese	55-2	413.83	409.64	409.54	411.01	0.60	ppb
Molybdenum	94-1	2.59	2.65	2.63	2.62	1.20	ppb
Molybdenum	95-1	0.23	0.24	0.27	0.25	7.28	ppb
Molybdenum	96-1	0.60	0.60	0.55	0.58	5.33	ppb
Molybdenum	97-1	0.28	0.23	0.27	0.26	11.67	ppb
Molybdenum	98-1	0.25	0.23	0.26	0.25	7.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.42	93.22	93.30	92.98	0.52	ppb
Phosphorus	31-2	644.32	661.87	693.32	666.50	3.72	ppb
Potassium	39-2	1832.09	1827.92	1859.76	1839.92	0.94	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	15.61	16.53	18.07	16.74	7.43	ppb
Selenium	77-2	19.85	18.34	17.50	18.56	6.40	ppb
Selenium	78-2	19.90	15.02	18.22	17.71	14.00	ppb
Silicon	28-1	232.77	231.85	245.47	236.69	3.22	ppb
Silver	107-1	6.63	6.93	7.00	6.85	2.84	ppb
Silver	109-1	6.73	6.76	6.95	6.81	1.76	ppb
Sodium	23-2	54.48	55.30	56.94	55.58	2.25	ppb
Strontium	86-1	13.53	13.98	13.70	13.74	1.66	ppb
Strontium	88-1	13.74	13.91	13.86	13.83	0.64	ppb
Sulfur	34-1	-3076.07	-3315.91	-3129.12	-3173.70		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	6.87	6.92	6.91	6.90	0.36	ppb
Thallium	205-1	6.79	6.86	6.99	6.88	1.51	ppb
Tin	118-1	0.44	0.50	0.51	0.48	8.50	ppb
Titanium	47-1	226.54	229.29	232.46	229.43	1.29	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17S	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:29:03	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.19	0.19	0.18	4.58	ppb
Vanadium	51-2	114.58	113.45	115.27	114.43	0.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	188.67	186.31	191.06	188.68	1.26	ppb
Zirconium	90-1	1.41	1.47	1.45	1.44	2.09	ppb
Zirconium	91-1	1.44	1.42	1.48	1.45	2.01	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:32:20	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8939.82	8700.00	8777.89	8805.90	1.39	ppb
Antimony	121-1	65.66	69.82	65.92	67.13	3.48	ppb
Arsenic	75-2	59.78	59.15	57.49	58.81	2.01	ppb
Barium	135-1	1421.10	1531.73	1444.73	1465.85	3.97	ppb
Barium	137-1	1441.35	1532.86	1454.16	1476.12	3.36	ppb
Beryllium	9-1	39.49	41.41	39.18	40.03	3.01	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.70	34.68	31.33	32.91	5.11	ppb
Cadmium	106-1	31.61	34.15	30.06	31.94	6.47	ppb
Cadmium	111-1	35.77	38.48	35.89	36.71	4.17	ppb
Calcium	43-1	2840.35	2973.37	2900.26	2904.66	2.29	ppb
Calcium	44-1	2833.02	3013.15	2871.94	2906.03	3.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	155.18	155.18	155.60	155.32	0.16	ppb
Cobalt	59-2	376.46	380.78	379.33	378.85	0.58	ppb
Copper	63-2	211.26	210.06	209.49	210.27	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				103		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	20485.15	20300.01	20719.43	20501.53	1.03	ppb
Iron	57-2	21059.51	20789.01	21197.71	21015.41	0.99	ppb
Iron	54-2	20899.33	20826.85	20595.79	20773.99	0.76	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:32:20	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.77	39.83	38.42	38.67	2.72	ppb
Lead	207-1	38.52	40.37	38.85	39.25	2.51	ppb
Lead	208-1	38.29	40.15	38.46	38.97	2.63	ppb
Lithium	6-1				93		%
Magnesium	24-2	3303.73	3307.12	3307.49	3306.11	0.06	ppb
Manganese	55-2	670.67	668.60	677.78	672.35	0.72	ppb
Molybdenum	94-1	2.41	2.70	2.67	2.59	6.19	ppb
Molybdenum	95-1	0.24	0.25	0.24	0.24	3.98	ppb
Molybdenum	96-1	0.55	0.58	0.61	0.58	5.78	ppb
Molybdenum	97-1	0.28	0.31	0.25	0.28	11.70	ppb
Molybdenum	98-1	0.25	0.25	0.27	0.26	4.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	380.46	381.50	383.16	381.71	0.36	ppb
Phosphorus	31-2	641.69	643.17	673.71	652.85	2.77	ppb
Potassium	39-2	1806.60	1757.37	1783.60	1782.52	1.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	73.14	81.06	76.98	77.06	5.14	ppb
Selenium	77-2	85.09	83.34	80.30	82.91	2.93	ppb
Selenium	78-2	71.91	70.89	76.27	73.02	3.92	ppb
Silicon	28-1	230.98	241.78	237.34	236.70	2.29	ppb
Silver	107-1	28.58	31.00	29.07	29.55	4.33	ppb
Silver	109-1	28.49	30.22	28.75	29.15	3.20	ppb
Sodium	23-2	64.18	61.62	67.49	64.43	4.57	ppb
Strontium	86-1	12.99	14.15	13.25	13.46	4.54	ppb
Strontium	88-1	12.98	14.23	13.37	13.52	4.72	ppb
Sulfur	34-1	-3564.50	-3376.94	-3674.73	-3538.72		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	29.60	31.05	29.80	30.15	2.60	ppb
Thallium	205-1	29.73	30.86	29.66	30.08	2.24	ppb
Tin	118-1	0.62	0.78	0.91	0.77	19.14	ppb
Titanium	47-1	218.10	231.24	220.84	223.39	3.10	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:32:20	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.18	0.18	0.18	1.03	ppb
Vanadium	51-2	387.85	389.16	394.28	390.43	0.87	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	473.06	474.72	474.42	474.06	0.19	ppb
Zirconium	90-1	1.38	1.46	1.43	1.42	2.92	ppb
Zirconium	91-1	1.35	1.51	1.41	1.42	5.75	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-01	Instrumnet Name :	P7
Client Sample ID :	MYDB42	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:35:31	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33452.69	33590.23	33532.10	33525.01	0.21	ppb
Antimony	121-1	2.01	2.04	2.13	2.06	2.93	ppb
Arsenic	75-2	144.99	145.09	143.29	144.45	0.70	ppb
Barium	135-1	250.97	259.15	259.82	256.65	1.92	ppb
Barium	137-1	254.13	260.74	261.78	258.88	1.60	ppb
Beryllium	9-1	1.56	1.39	1.29	1.41	9.70	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.12	3.35	3.52	3.33	6.13	ppb
Cadmium	106-1	3.17	4.17	3.37	3.57	14.89	ppb
Cadmium	111-1	2.86	2.95	3.12	2.98	4.49	ppb
Calcium	43-1	15363.92	15244.63	16014.08	15540.88	2.66	ppb
Calcium	44-1	14713.97	14684.96	15103.93	14834.29	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.91	39.39	39.94	39.75	0.78	ppb
Cobalt	59-2	29.82	30.05	30.32	30.06	0.84	ppb
Copper	63-2	200.70	200.21	202.33	201.08	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				107		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	71582.07	72635.49	72726.46	72314.67	0.88	ppb
Iron	57-2	70371.93	70205.68	70050.91	70209.50	0.23	ppb
Iron	54-2	71528.77	73328.07	73271.12	72709.32	1.41	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-01	Instrumnet Name :	P7
Client Sample ID :	MYDB42	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:35:31	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	147.22	147.95	145.68	146.95	0.79	ppb
Lead	207-1	156.77	153.30	156.16	155.41	1.19	ppb
Lead	208-1	150.83	149.94	150.39	150.39	0.30	ppb
Lithium	6-1				94		%
Magnesium	24-2	12772.37	12813.90	12520.41	12702.22	1.25	ppb
Manganese	55-2	1880.99	1871.83	1912.08	1888.30	1.12	ppb
Molybdenum	94-1	10.68	10.63	10.78	10.70	0.73	ppb
Molybdenum	95-1	0.85	0.89	0.92	0.89	3.82	ppb
Molybdenum	96-1	2.27	2.31	2.26	2.28	1.19	ppb
Molybdenum	97-1	0.92	0.92	0.88	0.90	2.59	ppb
Molybdenum	98-1	0.86	0.85	0.90	0.87	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.79	37.26	37.11	37.05	0.65	ppb
Phosphorus	31-2	2996.40	2925.66	2984.46	2968.84	1.28	ppb
Potassium	39-2	7893.08	7920.59	7854.16	7889.28	0.42	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	1.05	2.14	2.53	1.90	40.28	ppb
Selenium	77-2	16.97	13.33	11.16	13.82	21.23	ppb
Selenium	78-2	3.55	2.88	2.30	2.91	21.42	ppb
Silicon	28-1	1153.62	1120.57	1154.34	1142.84	1.69	ppb
Silver	107-1	0.92	0.86	0.86	0.88	4.16	ppb
Silver	109-1	0.92	0.86	0.88	0.89	3.18	ppb
Sodium	23-2	189.66	192.44	193.74	191.94	1.09	ppb
Strontium	86-1	67.74	67.88	66.71	67.44	0.95	ppb
Strontium	88-1	66.33	67.18	67.50	67.00	0.90	ppb
Sulfur	34-1	-2661.41	-3161.38	-3063.28	-2962.02		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.30	0.31	0.31	0.31	1.01	ppb
Thallium	205-1	0.31	0.30	0.31	0.31	1.17	ppb
Tin	118-1	2.96	3.05	3.07	3.02	1.89	ppb
Titanium	47-1	822.62	810.67	833.04	822.11	1.36	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-01	Instrumnet Name :	P7
Client Sample ID :	MYDB42	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:35:31	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.72	0.74	0.73	1.48	ppb
Vanadium	51-2	102.90	102.05	102.34	102.43	0.42	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	562.64	562.65	558.16	561.15	0.46	ppb
Zirconium	90-1	5.95	6.11	6.01	6.02	1.32	ppb
Zirconium	91-1	6.00	6.13	6.08	6.07	1.08	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-02	Instrumnet Name :	P7
Client Sample ID :	MYDB43	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:38:44	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32807.40	32675.12	32230.35	32570.95	0.93	ppb
Antimony	121-1	1.19	1.36	1.20	1.25	7.62	ppb
Arsenic	75-2	131.87	130.31	129.89	130.69	0.80	ppb
Barium	135-1	216.15	225.92	214.19	218.76	2.87	ppb
Barium	137-1	218.36	230.08	221.32	223.25	2.73	ppb
Beryllium	9-1	1.59	1.33	1.53	1.48	9.30	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.64	1.85	2.27	1.92	16.56	ppb
Cadmium	106-1	1.52	2.22	0.27	1.34	73.88	ppb
Cadmium	111-1	1.23	1.42	1.12	1.26	12.08	ppb
Calcium	43-1	11675.55	12920.41	12567.67	12387.88	5.18	ppb
Calcium	44-1	11342.60	11953.22	11971.62	11755.81	3.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.97	42.35	42.96	42.76	0.83	ppb
Cobalt	59-2	31.01	30.91	31.14	31.02	0.38	ppb
Copper	63-2	107.49	108.32	108.70	108.17	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				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	85114.15	84379.24	86061.28	85184.89	0.99	ppb
Iron	57-2	82470.26	82644.26	82984.58	82699.70	0.32	ppb
Iron	54-2	84820.29	84133.07	86910.07	85287.81	1.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-02	Instrumnet Name :	P7
Client Sample ID :	MYDB43	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:38:44	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	93.35	91.64	94.30	93.10	1.45	ppb
Lead	207-1	99.86	96.30	102.49	99.55	3.12	ppb
Lead	208-1	94.67	96.30	96.28	95.75	0.98	ppb
Lithium	6-1				89		%
Magnesium	24-2	12857.12	12904.93	12650.63	12804.23	1.06	ppb
Manganese	55-2	1053.41	1044.05	1072.98	1056.81	1.40	ppb
Molybdenum	94-1	12.83	13.51	13.11	13.15	2.61	ppb
Molybdenum	95-1	0.97	0.91	0.93	0.94	3.59	ppb
Molybdenum	96-1	2.64	2.63	2.79	2.69	3.34	ppb
Molybdenum	97-1	0.91	0.92	0.89	0.91	1.46	ppb
Molybdenum	98-1	0.92	0.83	0.92	0.89	5.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.33	37.01	37.42	37.26	0.58	ppb
Phosphorus	31-2	2351.74	2296.66	2319.10	2322.50	1.19	ppb
Potassium	39-2	4871.97	4825.13	4928.73	4875.28	1.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.47	1.46	1.38	1.10	49.79	ppb
Selenium	77-2	11.32	15.91	14.93	14.05	17.21	ppb
Selenium	78-2	3.89	1.69	3.54	3.04	38.82	ppb
Silicon	28-1	1245.89	1245.29	1282.26	1257.81	1.68	ppb
Silver	107-1	0.45	0.48	0.46	0.46	3.56	ppb
Silver	109-1	0.46	0.47	0.48	0.47	2.48	ppb
Sodium	23-2	213.51	214.37	218.77	215.55	1.31	ppb
Strontium	86-1	55.43	52.68	55.94	54.68	3.20	ppb
Strontium	88-1	53.12	55.70	53.32	54.05	2.65	ppb
Sulfur	34-1	-4355.16	-4238.97	-4182.25	-4258.79		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.24	0.28	0.26	7.55	ppb
Thallium	205-1	0.24	0.28	0.26	0.26	7.92	ppb
Tin	118-1	2.58	2.81	2.73	2.70	4.25	ppb
Titanium	47-1	1070.41	1070.06	1133.54	1091.34	3.35	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-02	Instrumnet Name :	P7
Client Sample ID :	MYDB43	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:38:44	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.73	0.75	0.74	2.08	ppb
Vanadium	51-2	142.50	141.83	142.38	142.24	0.25	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	370.38	372.77	376.59	373.24	0.84	ppb
Zirconium	90-1	7.61	7.36	7.47	7.48	1.71	ppb
Zirconium	91-1	7.77	7.33	7.89	7.66	3.80	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-03	Instrumnet Name :	P7
Client Sample ID :	MYDB44	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:41:57	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49106.28	49246.87	53215.28	50522.81	4.62	ppb
Antimony	121-1	1.08	1.03	1.04	1.05	2.54	ppb
Arsenic	75-2	130.62	129.34	145.01	134.99	6.45	ppb
Barium	135-1	340.38	342.60	337.23	340.07	0.79	ppb
Barium	137-1	338.78	344.80	338.78	340.79	1.02	ppb
Beryllium	9-1	1.86	1.91	2.01	1.93	4.12	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.12	1.88	2.40	2.14	12.17	ppb
Cadmium	106-1	1.94	1.51	1.85	1.77	12.85	ppb
Cadmium	111-1	1.24	1.31	1.24	1.26	3.12	ppb
Calcium	43-1	15489.57	15918.27	15849.01	15752.28	1.46	ppb
Calcium	44-1	14809.64	15278.15	15168.02	15085.27	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.15	50.08	54.73	51.66	5.16	ppb
Cobalt	59-2	37.09	37.25	40.93	38.42	5.64	ppb
Copper	63-2	129.21	129.16	141.85	133.41	5.48	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				101		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	99330.30	102109.74	112968.01	104802.68	6.88	ppb
Iron	57-2	100562.90	100951.52	111121.32	104211.91	5.74	ppb
Iron	54-2	101125.06	102335.36	112889.15	105449.86	6.14	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-03	Instrumnet Name :	P7
Client Sample ID :	MYDB44	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:41:57	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	77.51	78.96	79.15	78.54	1.15	ppb
Lead	207-1	79.19	81.81	82.65	81.22	2.22	ppb
Lead	208-1	78.07	79.55	80.44	79.35	1.51	ppb
Lithium	6-1				90		%
Magnesium	24-2	16304.78	16509.79	18100.40	16971.65	5.79	ppb
Manganese	55-2	1391.07	1401.50	1545.12	1445.90	5.95	ppb
Molybdenum	94-1	17.43	17.58	17.72	17.58	0.85	ppb
Molybdenum	95-1	0.82	0.81	0.83	0.82	1.34	ppb
Molybdenum	96-1	3.02	3.21	3.18	3.13	3.29	ppb
Molybdenum	97-1	0.87	0.87	0.83	0.86	2.67	ppb
Molybdenum	98-1	0.78	0.78	0.81	0.79	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.38	43.11	46.06	43.85	4.45	ppb
Phosphorus	31-2	2258.56	2262.48	2489.92	2336.99	5.67	ppb
Potassium	39-2	4721.36	4791.14	5229.72	4914.07	5.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	1.27	0.57	1.31	1.05	39.69	ppb
Selenium	77-2	18.63	17.82	20.36	18.94	6.85	ppb
Selenium	78-2	3.40	3.45	6.30	4.38	37.84	ppb
Silicon	28-1	1124.59	1094.38	1112.32	1110.43	1.37	ppb
Silver	107-1	0.46	0.46	0.45	0.46	1.23	ppb
Silver	109-1	0.40	0.43	0.45	0.43	5.16	ppb
Sodium	23-2	213.36	215.35	250.20	226.30	9.16	ppb
Strontium	86-1	73.98	74.60	75.93	74.84	1.33	ppb
Strontium	88-1	75.70	78.75	79.48	77.98	2.57	ppb
Sulfur	34-1	-4494.99	-4622.66	-4548.08	-4555.24		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.23	0.25	0.24	0.24	4.95	ppb
Thallium	205-1	0.25	0.26	0.24	0.25	2.87	ppb
Tin	118-1	2.40	2.45	2.39	2.41	1.44	ppb
Titanium	47-1	910.39	923.51	952.82	928.91	2.34	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-03	Instrumnet Name :	P7
Client Sample ID :	MYDB44	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:41:57	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.95	0.93	0.93	2.17	ppb
Vanadium	51-2	177.24	177.87	194.35	183.16	5.30	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	353.13	355.70	387.18	365.34	5.19	ppb
Zirconium	90-1	10.03	10.03	10.31	10.12	1.57	ppb
Zirconium	91-1	10.02	10.36	10.58	10.32	2.74	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-04	Instrumnet Name :	P7
Client Sample ID :	MYDB45	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:45:11	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39306.96	39884.39	39822.92	39671.43	0.80	ppb
Antimony	121-1	1.35	1.15	1.35	1.28	9.11	ppb
Arsenic	75-2	86.11	87.11	85.62	86.28	0.88	ppb
Barium	135-1	241.23	203.28	228.32	224.28	8.60	ppb
Barium	137-1	236.32	198.77	237.15	224.08	9.78	ppb
Beryllium	9-1	1.41	1.11	1.59	1.37	17.42	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.74	1.53	1.71	1.66	6.72	ppb
Cadmium	106-1	0.44	0.52	1.84	0.93	84.47	ppb
Cadmium	111-1	0.97	0.84	1.04	0.95	10.72	ppb
Calcium	43-1	12110.23	10901.25	13387.04	12132.84	10.25	ppb
Calcium	44-1	12142.55	10921.55	12210.11	11758.07	6.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.23	37.87	38.34	38.15	0.65	ppb
Cobalt	59-2	28.16	27.91	28.49	28.18	1.03	ppb
Copper	63-2	92.81	91.93	91.85	92.20	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				104		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	80569.29	79747.00	80670.98	80329.09	0.63	ppb
Iron	57-2	79603.75	79606.32	79616.26	79608.78	0.01	ppb
Iron	54-2	80799.42	81091.52	80862.01	80917.65	0.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-04	Instrumnet Name :	P7
Client Sample ID :	MYDB45	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:45:11	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.15	43.65	52.05	48.95	9.42	ppb
Lead	207-1	51.45	43.18	53.78	49.47	11.27	ppb
Lead	208-1	50.40	43.21	53.22	48.94	10.54	ppb
Lithium	6-1				93		%
Magnesium	24-2	12890.65	13171.02	13093.02	13051.57	1.11	ppb
Manganese	55-2	1225.07	1226.53	1213.23	1221.61	0.60	ppb
Molybdenum	94-1	16.25	13.84	16.95	15.68	10.42	ppb
Molybdenum	95-1	0.82	0.66	0.75	0.74	10.74	ppb
Molybdenum	96-1	2.76	2.33	2.85	2.64	10.57	ppb
Molybdenum	97-1	0.78	0.63	0.76	0.72	11.39	ppb
Molybdenum	98-1	0.77	0.61	0.74	0.71	11.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.64	35.67	35.29	35.20	1.48	ppb
Phosphorus	31-2	1509.61	1627.67	1560.14	1565.81	3.78	ppb
Potassium	39-2	5220.26	5202.53	5217.85	5213.55	0.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	-0.21	0.46	1.58	0.61	148.72	ppb
Selenium	77-2	14.42	13.41	14.16	14.00	3.74	ppb
Selenium	78-2	3.35	3.85	3.63	3.61	6.98	ppb
Silicon	28-1	946.20	802.52	950.70	899.81	9.37	ppb
Silver	107-1	0.35	0.27	0.30	0.31	13.42	ppb
Silver	109-1	0.31	0.25	0.31	0.29	11.99	ppb
Sodium	23-2	202.52	201.42	209.77	204.57	2.22	ppb
Strontium	86-1	67.93	56.40	67.30	63.88	10.14	ppb
Strontium	88-1	67.00	56.34	71.49	64.94	11.98	ppb
Sulfur	34-1	-4670.60	-5313.25	-4510.36	-4831.40		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.20	0.18	0.22	0.20	10.58	ppb
Thallium	205-1	0.20	0.18	0.21	0.20	8.71	ppb
Tin	118-1	2.04	1.75	2.15	1.98	10.43	ppb
Titanium	47-1	1024.64	874.81	1050.31	983.26	9.64	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-04	Instrumnet Name :	P7
Client Sample ID :	MYDB45	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:45:11	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.57	0.73	0.66	12.21	ppb
Vanadium	51-2	123.98	123.29	124.34	123.87	0.43	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	263.90	263.24	267.26	264.80	0.81	ppb
Zirconium	90-1	9.92	8.21	9.53	9.22	9.73	ppb
Zirconium	91-1	9.54	8.31	9.60	9.15	7.97	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-05	Instrumnet Name :	P7
Client Sample ID :	MYDB46	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:48:22	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35454.97	36086.95	35398.50	35646.81	1.07	ppb
Antimony	121-1	0.94	0.80	0.86	0.87	8.19	ppb
Arsenic	75-2	37.67	36.43	38.09	37.40	2.31	ppb
Barium	135-1	236.13	222.56	227.50	228.73	3.00	ppb
Barium	137-1	239.14	237.82	240.69	239.22	0.60	ppb
Beryllium	9-1	1.34	1.47	1.40	1.40	4.76	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.78	0.72	0.99	0.83	17.00	ppb
Cadmium	106-1	0.97	0.11	-0.12	0.32	180.16	ppb
Cadmium	111-1	0.28	0.20	0.18	0.22	25.48	ppb
Calcium	43-1	14588.45	14059.07	13865.61	14171.04	2.64	ppb
Calcium	44-1	13220.38	13529.73	13208.03	13319.38	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.25	41.72	40.57	41.18	1.40	ppb
Cobalt	59-2	27.98	28.09	28.35	28.14	0.68	ppb
Copper	63-2	63.28	65.08	63.54	63.97	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				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	79189.61	76787.82	77398.46	77791.96	1.60	ppb
Iron	57-2	75906.18	77287.58	76075.34	76423.03	0.99	ppb
Iron	54-2	76533.35	76677.20	76733.82	76648.13	0.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-05	Instrumnet Name :	P7
Client Sample ID :	MYDB46	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:48:22	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.98	18.99	19.18	19.05	0.58	ppb
Lead	207-1	17.70	18.72	18.99	18.47	3.67	ppb
Lead	208-1	18.71	18.57	18.61	18.63	0.38	ppb
Lithium	6-1				83		%
Magnesium	24-2	14103.51	14105.91	14083.83	14097.75	0.09	ppb
Manganese	55-2	1072.27	1059.63	1049.01	1060.31	1.10	ppb
Molybdenum	94-1	16.80	16.27	16.44	16.50	1.63	ppb
Molybdenum	95-1	0.62	0.61	0.65	0.63	3.51	ppb
Molybdenum	96-1	2.67	2.78	2.84	2.76	3.24	ppb
Molybdenum	97-1	0.63	0.62	0.66	0.64	3.38	ppb
Molybdenum	98-1	0.61	0.61	0.61	0.61	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.57	34.94	34.38	34.63	0.83	ppb
Phosphorus	31-2	1812.15	1838.46	1887.43	1846.02	2.07	ppb
Potassium	39-2	3036.14	3083.57	3247.58	3122.43	3.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.69	0.67	1.51	0.96	49.64	ppb
Selenium	77-2	19.08	15.60	19.97	18.22	12.68	ppb
Selenium	78-2	2.58	2.56	2.31	2.48	6.06	ppb
Silicon	28-1	895.88	893.59	897.95	895.81	0.24	ppb
Silver	107-1	0.10	0.07	0.08	0.09	16.15	ppb
Silver	109-1	0.09	0.08	0.08	0.08	8.70	ppb
Sodium	23-2	213.87	220.71	221.88	218.82	1.98	ppb
Strontium	86-1	61.24	65.21	66.77	64.41	4.43	ppb
Strontium	88-1	65.86	63.61	64.29	64.59	1.79	ppb
Sulfur	34-1	-4594.37	-4682.97	-4835.05	-4704.13		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.14	0.18	0.17	0.17	13.45	ppb
Thallium	205-1	0.17	0.16	0.17	0.16	4.57	ppb
Tin	118-1	2.15	2.12	2.22	2.16	2.53	ppb
Titanium	47-1	1089.29	1114.01	1117.64	1106.98	1.39	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-05	Instrumnet Name :	P7
Client Sample ID :	MYDB46	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:48:22	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.74	0.72	0.73	1.47	ppb
Vanadium	51-2	130.51	132.09	130.04	130.88	0.82	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	127.74	130.94	128.70	129.13	1.27	ppb
Zirconium	90-1	9.24	9.39	9.45	9.36	1.20	ppb
Zirconium	91-1	9.32	9.90	10.00	9.74	3.74	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-06	Instrumnet Name :	P7
Client Sample ID :	MYDB47	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:51:36	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37250.62	37524.70	37481.81	37419.04	0.39	ppb
Antimony	121-1	0.69	0.71	0.67	0.69	3.49	ppb
Arsenic	75-2	65.72	67.75	66.43	66.63	1.54	ppb
Barium	135-1	243.71	238.52	244.57	242.27	1.35	ppb
Barium	137-1	234.53	240.60	239.06	238.06	1.33	ppb
Beryllium	9-1	1.27	1.25	1.60	1.37	14.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.64	1.01	0.54	0.73	33.87	ppb
Cadmium	106-1	0.63	0.31	-0.64	0.10	649.27	ppb
Cadmium	111-1	0.27	0.22	0.19	0.23	19.27	ppb
Calcium	43-1	13837.76	15605.15	14415.30	14619.40	6.16	ppb
Calcium	44-1	13995.37	14152.29	14359.21	14168.96	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.85	31.18	31.34	31.45	1.10	ppb
Cobalt	59-2	24.41	24.32	24.62	24.45	0.64	ppb
Copper	63-2	61.44	61.43	62.30	61.72	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				106		%
Indium	115-2				101		%
Iron	56-2	78561.47	77161.77	78251.07	77991.43	0.94	ppb
Iron	57-2	77789.60	76381.18	76445.50	76872.09	1.03	ppb
Iron	54-2	78721.92	77648.79	77303.97	77891.56	0.95	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-06	Instrumnet Name :	P7
Client Sample ID :	MYDB47	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:51:36	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.59	16.32	17.09	16.66	2.36	ppb
Lead	207-1	14.84	15.17	15.89	15.30	3.54	ppb
Lead	208-1	15.31	15.97	15.94	15.74	2.37	ppb
Lithium	6-1				85		%
Magnesium	24-2	12367.57	12448.58	12549.38	12455.18	0.73	ppb
Manganese	55-2	1322.55	1307.83	1310.25	1313.54	0.60	ppb
Molybdenum	94-1	9.38	9.79	9.54	9.57	2.18	ppb
Molybdenum	95-1	0.72	0.70	0.75	0.72	3.30	ppb
Molybdenum	96-1	1.96	1.88	2.03	1.95	4.03	ppb
Molybdenum	97-1	0.68	0.70	0.70	0.70	1.60	ppb
Molybdenum	98-1	0.67	0.64	0.67	0.66	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.23	30.49	29.73	30.15	1.28	ppb
Phosphorus	31-2	1492.11	1559.12	1528.61	1526.61	2.20	ppb
Potassium	39-2	4233.05	4236.20	4127.28	4198.84	1.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.60	1.13	0.46	0.73	48.13	ppb
Selenium	77-2	20.58	20.23	17.24	19.35	9.50	ppb
Selenium	78-2	3.71	2.72	3.01	3.15	16.15	ppb
Silicon	28-1	937.69	953.13	971.07	953.96	1.75	ppb
Silver	107-1	0.08	0.08	0.09	0.08	8.78	ppb
Silver	109-1	0.09	0.09	0.08	0.09	6.21	ppb
Sodium	23-2	369.57	374.15	373.99	372.57	0.70	ppb
Strontium	86-1	64.96	62.78	66.72	64.82	3.05	ppb
Strontium	88-1	63.70	66.24	64.97	64.97	1.95	ppb
Sulfur	34-1	-5016.88	-4825.19	-4937.45	-4926.51		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.12	0.13	0.14	0.13	6.52	ppb
Thallium	205-1	0.12	0.13	0.11	0.12	7.41	ppb
Tin	118-1	3.01	3.07	3.10	3.06	1.44	ppb
Titanium	47-1	914.96	949.84	973.45	946.09	3.11	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-06	Instrumnet Name :	P7
Client Sample ID :	MYDB47	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:51:36	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.66	0.64	0.65	1.75	ppb
Vanadium	51-2	139.47	140.24	141.71	140.47	0.81	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	128.58	130.70	127.42	128.90	1.29	ppb
Zirconium	90-1	5.40	5.17	5.55	5.38	3.55	ppb
Zirconium	91-1	5.36	5.23	5.34	5.31	1.28	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:55:46	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48513.84	49161.76	48827.16	48834.26	0.66	ppb
Antimony	121-1	466.48	468.33	475.28	470.03	0.99	ppb
Arsenic	75-2	500.38	509.06	507.96	505.80	0.93	ppb
Barium	135-1	2383.74	2351.47	2391.72	2375.64	0.90	ppb
Barium	137-1	2366.21	2435.92	2411.10	2404.41	1.47	ppb
Beryllium	9-1	528.56	516.21	514.87	519.88	1.45	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	484.70	485.97	492.60	487.76	0.87	ppb
Cadmium	106-1	486.24	494.27	489.11	489.88	0.83	ppb
Cadmium	111-1	487.33	496.38	494.03	492.58	0.95	ppb
Calcium	43-1	249825.24	252594.02	247339.31	249919.52	1.05	ppb
Calcium	44-1	243483.90	245947.01	246426.32	245285.75	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.32	482.96	484.78	487.69	1.37	ppb
Cobalt	59-2	523.22	511.09	513.47	515.93	1.25	ppb
Copper	63-2	5013.41	4960.40	5007.31	4993.71	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				108		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	127040.70	127332.47	125921.61	126764.93	0.59	ppb
Iron	57-2	124577.36	124492.34	124700.76	124590.16	0.08	ppb
Iron	54-2	128574.63	125671.79	126129.47	126791.96	1.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:55:46	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2372.74	2398.08	2435.51	2402.11	1.31	ppb
Lead	207-1	2408.10	2391.83	2424.82	2408.25	0.69	ppb
Lead	208-1	2389.04	2398.72	2418.07	2401.95	0.62	ppb
Lithium	6-1				99		%
Magnesium	24-2	233448.05	241629.38	237491.24	237522.89	1.72	ppb
Manganese	55-2	4912.58	4850.17	4855.38	4872.71	0.71	ppb
Molybdenum	94-1	4799.81	4766.23	4777.74	4781.26	0.36	ppb
Molybdenum	95-1	4770.37	4794.43	4780.83	4781.88	0.25	ppb
Molybdenum	96-1	4794.27	4770.91	4854.75	4806.65	0.90	ppb
Molybdenum	97-1	4783.13	4777.09	4802.55	4787.59	0.28	ppb
Molybdenum	98-1	4814.56	4837.38	4745.58	4799.17	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.73	502.12	505.70	505.19	0.56	ppb
Phosphorus	31-2	9484.00	9693.57	9574.42	9584.00	1.10	ppb
Potassium	39-2	119121.23	123037.60	121244.10	121134.31	1.62	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	499.75	500.41	497.97	499.38	0.25	ppb
Selenium	77-2	501.69	492.17	487.25	493.71	1.49	ppb
Selenium	78-2	493.53	511.86	514.73	506.71	2.27	ppb
Silicon	28-1	999.10	1022.65	975.23	998.99	2.37	ppb
Silver	107-1	495.60	489.20	492.47	492.42	0.65	ppb
Silver	109-1	488.98	488.44	486.82	488.08	0.23	ppb
Sodium	23-2	241121.35	242275.74	245757.81	243051.63	0.99	ppb
Strontium	86-1	12137.62	12140.17	12091.96	12123.25	0.22	ppb
Strontium	88-1	12077.17	12112.34	11983.73	12057.75	0.55	ppb
Sulfur	34-1	8921.77	9343.98	8541.18	8935.64	4.49	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	486.83	490.07	486.95	487.95	0.38	ppb
Thallium	205-1	479.28	482.06	484.50	481.95	0.54	ppb
Tin	118-1	471.01	467.65	475.34	471.33	0.82	ppb
Titanium	47-1	4781.94	4877.44	4809.59	4822.99	1.02	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:55:46	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	482.70	485.15	488.02	485.29	0.55	ppb
Vanadium	51-2	496.64	480.15	484.24	487.01	1.76	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	4999.45	4968.03	5049.46	5005.65	0.82	ppb
Zirconium	90-1	482.61	485.61	492.27	486.83	1.02	ppb
Zirconium	91-1	485.48	485.21	483.23	484.64	0.25	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:58:34	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.99	2.86	2.27	2.71	14.14	ppb
Antimony	121-1	0.33	0.31	0.35	0.33	5.53	ppb
Arsenic	75-2	0.02	0.02	0.04	0.03	37.55	ppb
Barium	135-1	0.24	0.14	0.12	0.17	39.03	ppb
Barium	137-1	0.27	0.15	0.09	0.17	53.03	ppb
Beryllium	9-1	0.09	0.09	0.06	0.08	20.81	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	-0.03	-0.08	0.00	2315.03	ppb
Cadmium	106-1	0.25	-0.33	-0.75	-0.28		ppb
Cadmium	111-1	0.10	0.02	-0.03	0.03	210.94	ppb
Calcium	43-1	29.59	15.72	15.03	20.11	40.84	ppb
Calcium	44-1	29.00	15.38	10.24	18.21	53.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.00	0.01	135.52	ppb
Cobalt	59-2	0.01	0.03	0.02	0.02	43.69	ppb
Copper	63-2	0.36	0.31	0.35	0.34	7.95	ppb
Dysprosium	156-1						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				100		%
Iron	56-2	7.11	6.60	6.47	6.73	5.08	ppb
Iron	57-2	4.13	1.25	4.51	3.30	54.11	ppb
Iron	54-2	5.12	6.52	6.80	6.15	14.60	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:58:34	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.37	0.26	0.21	0.28	28.55	ppb
Lead	207-1	0.36	0.25	0.20	0.27	31.47	ppb
Lead	208-1	0.36	0.26	0.20	0.27	30.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	9.66	8.87	8.13	8.89	8.59	ppb
Manganese	55-2	0.25	0.19	0.23	0.22	12.89	ppb
Molybdenum	94-1	0.82	0.49	0.43	0.58	36.13	ppb
Molybdenum	95-1	0.78	0.42	0.39	0.53	41.15	ppb
Molybdenum	96-1	0.76	0.48	0.37	0.53	38.09	ppb
Molybdenum	97-1	0.72	0.47	0.36	0.52	35.59	ppb
Molybdenum	98-1	0.68	0.47	0.36	0.50	33.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.08	0.08	0.07	23.16	ppb
Phosphorus	31-2	-15.15	-16.59	-16.44	-16.06		ppb
Potassium	39-2	-1.67	0.23	5.07	1.21	287.28	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	-0.59	-0.27	0.30	-0.19		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.25	-1.14	-0.41	-0.60		ppb
Silicon	28-1	-1.39	-1.55	-1.21	-1.38		ppb
Silver	107-1	0.09	0.06	0.06	0.07	28.56	ppb
Silver	109-1	0.09	0.06	0.06	0.07	28.21	ppb
Sodium	23-2	61.05	59.96	56.47	59.16	4.05	ppb
Strontium	86-1	1.45	0.74	0.50	0.90	54.66	ppb
Strontium	88-1	1.39	0.78	0.55	0.90	48.11	ppb
Sulfur	34-1	-1868.52	-1902.84	-1588.33	-1786.56		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.07	0.05	0.07	23.29	ppb
Thallium	205-1	0.09	0.07	0.05	0.07	22.77	ppb
Tin	118-1	0.11	0.07	0.11	0.10	23.01	ppb
Titanium	47-1	0.72	0.47	0.33	0.51	39.09	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:58:34	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.03	0.02	0.03	51.92	ppb
Vanadium	51-2	0.03	0.01	0.02	0.02	45.31	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.37	0.31	0.44	0.37	17.87	ppb
Zirconium	90-1	0.10	0.09	0.07	0.09	17.97	ppb
Zirconium	91-1	0.13	0.08	0.08	0.10	28.94	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4303-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAE7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:01:53	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24053.40	23758.95	24253.37	24021.91	1.04	ppb
Antimony	121-1	2.07	2.11	2.11	2.09	1.22	ppb
Arsenic	75-2	172.33	171.04	174.34	172.57	0.96	ppb
Barium	135-1	203.10	211.86	208.54	207.83	2.13	ppb
Barium	137-1	205.87	210.77	209.99	208.88	1.26	ppb
Beryllium	9-1	1.46	1.58	1.52	1.52	3.80	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.19	2.34	2.60	2.38	8.58	ppb
Cadmium	106-1	3.11	2.70	2.65	2.82	9.02	ppb
Cadmium	111-1	2.34	2.20	2.26	2.26	3.11	ppb
Calcium	43-1	8128.54	8198.72	8280.25	8202.50	0.93	ppb
Calcium	44-1	7743.22	7887.48	8010.63	7880.45	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.43	34.19	34.09	33.91	1.22	ppb
Cobalt	59-2	32.88	32.56	32.39	32.61	0.77	ppb
Copper	63-2	104.28	104.17	102.69	103.71	0.86	ppb
Dysprosium	156-1						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				104		%
Indium	115-2				101		%
Iron	56-2	96199.04	96584.84	94864.18	95882.69	0.94	ppb
Iron	57-2	93332.10	93840.47	93943.24	93705.27	0.35	ppb
Iron	54-2	96013.54	94346.36	96978.27	95779.39	1.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4303-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAE7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:01:53	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	476.14	484.28	484.26	481.56	0.97	ppb
Lead	207-1	427.13	433.71	437.10	432.65	1.17	ppb
Lead	208-1	470.17	476.19	478.58	474.98	0.91	ppb
Lithium	6-1				93		%
Magnesium	24-2	9358.03	9287.66	9270.11	9305.27	0.50	ppb
Manganese	55-2	1210.93	1169.46	1201.68	1194.03	1.82	ppb
Molybdenum	94-1	12.31	12.55	12.77	12.54	1.82	ppb
Molybdenum	95-1	1.04	1.03	1.09	1.06	3.17	ppb
Molybdenum	96-1	2.69	2.64	2.75	2.69	1.96	ppb
Molybdenum	97-1	1.01	1.03	1.08	1.04	3.39	ppb
Molybdenum	98-1	1.01	1.03	1.01	1.02	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.03	29.49	29.10	29.21	0.86	ppb
Phosphorus	31-2	2400.16	2445.91	2374.80	2406.95	1.50	ppb
Potassium	39-2	6662.88	6512.53	6339.11	6504.84	2.49	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.96	1.35	1.44	1.25	20.40	ppb
Selenium	77-2	12.99	13.17	13.37	13.18	1.45	ppb
Selenium	78-2	3.89	3.07	2.95	3.30	15.52	ppb
Silicon	28-1	1173.04	1181.88	1213.98	1189.63	1.81	ppb
Silver	107-1	0.88	0.82	0.83	0.84	4.31	ppb
Silver	109-1	0.83	0.87	0.81	0.84	3.37	ppb
Sodium	23-2	243.96	243.37	240.44	242.59	0.78	ppb
Strontium	86-1	48.51	48.91	50.13	49.19	1.71	ppb
Strontium	88-1	48.00	48.89	50.33	49.07	2.39	ppb
Sulfur	34-1	-2381.68	-2803.74	-2786.49	-2657.30		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.36	0.36	0.35	0.35	0.48	ppb
Thallium	205-1	0.36	0.38	0.37	0.37	1.74	ppb
Tin	118-1	2.37	2.54	2.54	2.49	3.98	ppb
Titanium	47-1	1125.61	1144.08	1160.50	1143.40	1.53	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4303-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAE7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:01:53	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.77	0.79	0.78	1.49	ppb
Vanadium	51-2	134.82	133.65	131.60	133.35	1.22	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	540.88	539.32	539.69	539.96	0.15	ppb
Zirconium	90-1	6.94	7.13	7.18	7.08	1.79	ppb
Zirconium	91-1	6.94	7.12	7.30	7.12	2.53	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4304-08A	Instrumnet Name :	P7
Client Sample ID :	MYDAP2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:05:05	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32698.08	32889.02	32947.45	32844.85	0.40	ppb
Antimony	121-1	2.82	2.85	2.81	2.83	0.66	ppb
Arsenic	75-2	822.67	823.35	803.72	816.58	1.36	ppb
Barium	135-1	327.80	330.49	332.91	330.40	0.77	ppb
Barium	137-1	327.22	335.12	335.62	332.65	1.42	ppb
Beryllium	9-1	1.51	1.56	1.56	1.54	1.80	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.83	3.15	3.16	3.38	11.61	ppb
Cadmium	106-1	2.51	3.75	2.55	2.94	24.12	ppb
Cadmium	111-1	2.64	2.86	2.81	2.77	4.08	ppb
Calcium	43-1	14542.54	14651.20	14406.40	14533.38	0.84	ppb
Calcium	44-1	13909.70	14287.32	13999.29	14065.44	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.15	42.13	41.57	41.62	1.17	ppb
Cobalt	59-2	33.69	34.35	33.00	33.68	2.00	ppb
Copper	63-2	135.81	138.11	133.06	135.66	1.86	ppb
Dysprosium	156-1						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	101125.14	100913.29	100230.29	100756.24	0.46	ppb
Iron	57-2	96335.43	97710.06	97686.89	97244.13	0.81	ppb
Iron	54-2	100095.21	102802.23	98070.52	100322.66	2.37	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4304-08A	Instrumnet Name :	P7
Client Sample ID :	MYDAP2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:05:05	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	655.39	643.07	650.09	649.52	0.95	ppb
Lead	207-1	669.89	658.41	683.03	670.45	1.84	ppb
Lead	208-1	658.80	656.65	667.42	660.96	0.86	ppb
Lithium	6-1				88		%
Magnesium	24-2	12239.16	12484.43	12366.72	12363.44	0.99	ppb
Manganese	55-2	1963.02	1997.98	1932.29	1964.43	1.67	ppb
Molybdenum	94-1	13.19	13.53	13.62	13.45	1.69	ppb
Molybdenum	95-1	1.13	1.20	1.13	1.15	3.25	ppb
Molybdenum	96-1	2.92	2.98	2.90	2.93	1.40	ppb
Molybdenum	97-1	1.08	1.12	1.18	1.12	4.66	ppb
Molybdenum	98-1	1.09	1.13	1.08	1.10	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.63	37.62	37.14	37.46	0.75	ppb
Phosphorus	31-2	2346.64	2352.98	2294.87	2331.50	1.37	ppb
Potassium	39-2	8486.39	8715.36	8258.38	8486.71	2.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	2.18	2.42	1.85	2.15	13.30	ppb
Selenium	77-2	13.15	16.75	18.62	16.17	17.21	ppb
Selenium	78-2	3.31	3.95	2.25	3.17	27.17	ppb
Silicon	28-1	1099.57	1107.11	1130.04	1112.24	1.43	ppb
Silver	107-1	2.21	2.27	2.25	2.24	1.42	ppb
Silver	109-1	2.15	2.19	2.23	2.19	1.88	ppb
Sodium	23-2	245.47	250.19	242.92	246.19	1.50	ppb
Strontium	86-1	73.22	74.04	74.11	73.79	0.68	ppb
Strontium	88-1	75.23	75.40	74.61	75.08	0.55	ppb
Sulfur	34-1	-284.98	-451.65	-680.40	-472.34		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.31	0.31	0.31	0.31	0.36	ppb
Thallium	205-1	0.29	0.32	0.29	0.30	5.78	ppb
Tin	118-1	1.60	1.58	1.63	1.60	1.30	ppb
Titanium	47-1	1148.69	1156.78	1181.23	1162.23	1.46	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4304-08A	Instrumnet Name :	P7
Client Sample ID :	MYDAP2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:05:05	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.88	0.90	0.89	1.68	ppb
Vanadium	51-2	148.82	151.40	146.95	149.06	1.50	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	748.84	763.85	743.53	752.07	1.40	ppb
Zirconium	90-1	7.32	7.55	7.50	7.46	1.66	ppb
Zirconium	91-1	7.47	7.69	7.67	7.61	1.58	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4305-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:08:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19287.42	19212.00	19316.03	19271.82	0.28	ppb
Antimony	121-1	1.54	1.57	1.64	1.58	3.25	ppb
Arsenic	75-2	59.87	59.60	61.49	60.32	1.69	ppb
Barium	135-1	172.32	175.68	177.33	175.11	1.46	ppb
Barium	137-1	174.97	174.19	178.97	176.05	1.46	ppb
Beryllium	9-1	1.01	1.02	1.13	1.05	6.09	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	0.97	0.84	0.90	7.71	ppb
Cadmium	106-1	1.21	0.32	0.13	0.55	104.01	ppb
Cadmium	111-1	0.68	0.50	0.61	0.60	14.65	ppb
Calcium	43-1	9315.84	9608.39	9802.61	9575.61	2.56	ppb
Calcium	44-1	9086.75	9119.17	9304.00	9169.97	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.68	29.45	30.41	29.84	1.68	ppb
Cobalt	59-2	30.06	29.39	30.17	29.87	1.42	ppb
Copper	63-2	51.86	51.44	51.96	51.76	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				106		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	78635.43	78499.73	79424.57	78853.24	0.63	ppb
Iron	57-2	76088.58	78163.17	75946.75	76732.83	1.62	ppb
Iron	54-2	79493.49	78303.75	77969.99	78589.08	1.02	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4305-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:08:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	30.27	30.38	30.61	30.42	0.58	ppb
Lead	207-1	30.19	30.28	30.36	30.28	0.29	ppb
Lead	208-1	30.20	30.23	30.43	30.29	0.42	ppb
Lithium	6-1				86		%
Magnesium	24-2	7936.28	7777.16	7844.41	7852.61	1.02	ppb
Manganese	55-2	1107.37	1105.17	1099.19	1103.91	0.38	ppb
Molybdenum	94-1	10.26	10.17	10.56	10.33	1.99	ppb
Molybdenum	95-1	0.89	0.85	0.86	0.86	2.56	ppb
Molybdenum	96-1	2.28	2.21	2.27	2.26	1.55	ppb
Molybdenum	97-1	0.88	0.92	0.89	0.90	2.41	ppb
Molybdenum	98-1	0.88	0.88	0.86	0.87	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.03	22.91	23.05	22.99	0.32	ppb
Phosphorus	31-2	2008.43	1981.34	1968.56	1986.11	1.03	ppb
Potassium	39-2	5876.05	5696.25	5870.31	5814.20	1.76	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.67	0.34	0.76	0.59	37.88	ppb
Selenium	77-2	9.70	10.52	9.23	9.81	6.64	ppb
Selenium	78-2	2.93	2.03	0.74	1.90	57.87	ppb
Silicon	28-1	839.50	858.58	862.99	853.69	1.46	ppb
Silver	107-1	1.39	1.34	1.36	1.36	1.93	ppb
Silver	109-1	1.31	1.28	1.38	1.32	3.99	ppb
Sodium	23-2	207.62	205.01	212.16	208.26	1.74	ppb
Strontium	86-1	45.60	44.77	46.14	45.50	1.51	ppb
Strontium	88-1	45.26	44.87	45.86	45.33	1.11	ppb
Sulfur	34-1	-4287.20	-4189.51	-4417.41	-4298.04		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.27	0.22	0.25	9.57	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	2.21	ppb
Tin	118-1	1.47	1.52	1.53	1.51	2.22	ppb
Titanium	47-1	1225.72	1245.02	1264.99	1245.24	1.58	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4305-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:08:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.57	0.56	0.55	0.56	1.23	ppb
Vanadium	51-2	161.39	159.99	162.11	161.16	0.67	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	152.09	152.84	154.90	153.27	0.95	ppb
Zirconium	90-1	6.07	5.75	5.79	5.87	2.98	ppb
Zirconium	91-1	5.77	5.91	5.71	5.80	1.75	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4306-11A	Instrumnet Name :	P7
Client Sample ID :	MYDAM9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:11:25	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20428.87	20622.75	20096.98	20382.87	1.30	ppb
Antimony	121-1	1.42	1.44	1.47	1.44	2.00	ppb
Arsenic	75-2	47.67	50.44	51.19	49.77	3.74	ppb
Barium	135-1	161.06	161.08	165.75	162.63	1.66	ppb
Barium	137-1	162.00	164.16	167.61	164.59	1.72	ppb
Beryllium	9-1	1.01	1.02	0.93	0.99	5.19	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.55	0.55	0.92	0.67	31.38	ppb
Cadmium	106-1	0.52	0.01	-0.67	-0.05		ppb
Cadmium	111-1	0.48	0.38	0.38	0.41	13.95	ppb
Calcium	43-1	7898.62	8012.79	8012.22	7974.54	0.82	ppb
Calcium	44-1	7544.34	7730.96	7673.85	7649.72	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.21	26.33	26.23	26.26	0.23	ppb
Cobalt	59-2	23.47	23.37	23.60	23.48	0.50	ppb
Copper	63-2	49.89	49.88	49.75	49.84	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				109		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	66129.71	66188.92	66550.76	66289.80	0.34	ppb
Iron	57-2	66211.65	65120.49	64826.07	65386.07	1.12	ppb
Iron	54-2	66053.63	67636.33	66051.54	66580.50	1.37	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4306-11A	Instrumnet Name :	P7
Client Sample ID :	MYDAM9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:11:25	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	608.75	614.21	611.45	611.47	0.45	ppb
Lead	207-1	610.60	613.84	620.98	615.14	0.86	ppb
Lead	208-1	606.02	616.36	617.39	613.26	1.03	ppb
Lithium	6-1				90		%
Magnesium	24-2	8809.02	8916.97	8740.85	8822.28	1.01	ppb
Manganese	55-2	1034.27	1060.60	1043.05	1045.97	1.28	ppb
Molybdenum	94-1	9.81	10.04	9.74	9.86	1.61	ppb
Molybdenum	95-1	1.08	1.23	1.21	1.17	6.70	ppb
Molybdenum	96-1	2.42	2.43	2.44	2.43	0.35	ppb
Molybdenum	97-1	1.18	1.28	1.17	1.21	5.09	ppb
Molybdenum	98-1	1.12	1.18	1.18	1.16	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.18	26.61	25.55	26.11	2.04	ppb
Phosphorus	31-2	1430.72	1473.29	1438.18	1447.40	1.57	ppb
Potassium	39-2	5689.51	5703.31	5751.81	5714.88	0.57	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.62	0.28	0.07	0.32	87.38	ppb
Selenium	77-2	8.33	7.69	9.18	8.40	8.93	ppb
Selenium	78-2	1.96	2.38	0.96	1.76	41.42	ppb
Silicon	28-1	827.53	831.17	809.72	822.81	1.40	ppb
Silver	107-1	1.30	1.30	1.32	1.31	0.72	ppb
Silver	109-1	1.31	1.27	1.34	1.30	2.79	ppb
Sodium	23-2	173.27	173.26	174.72	173.75	0.48	ppb
Strontium	86-1	40.26	41.21	40.12	40.53	1.46	ppb
Strontium	88-1	40.58	41.11	40.37	40.69	0.94	ppb
Sulfur	34-1	-4546.72	-4628.16	-4654.33	-4609.74		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.12	0.13	0.13	0.13	3.15	ppb
Thallium	205-1	0.12	0.12	0.12	0.12	1.05	ppb
Tin	118-1	0.90	0.82	0.95	0.89	7.31	ppb
Titanium	47-1	896.21	889.27	892.74	892.74	0.39	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4306-11A	Instrumnet Name :	P7
Client Sample ID :	MYDAM9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:11:25	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.49	0.50	0.47	0.49	3.13	ppb
Vanadium	51-2	109.57	110.30	109.65	109.84	0.36	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	166.79	166.14	163.35	165.43	1.10	ppb
Zirconium	90-1	5.37	5.51	5.40	5.43	1.39	ppb
Zirconium	91-1	5.42	5.48	5.44	5.45	0.48	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4308-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAN1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:14:34	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39265.82	39523.90	39349.25	39379.66	0.33	ppb
Antimony	121-1	1.16	1.15	1.18	1.16	1.51	ppb
Arsenic	75-2	75.05	75.59	76.53	75.73	0.99	ppb
Barium	135-1	303.74	305.21	308.01	305.65	0.71	ppb
Barium	137-1	306.37	313.09	310.40	309.95	1.09	ppb
Beryllium	9-1	1.73	1.54	1.61	1.63	6.00	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.68	1.53	2.36	1.85	23.89	ppb
Cadmium	106-1	2.33	1.65	1.71	1.90	19.69	ppb
Cadmium	111-1	1.14	1.16	1.12	1.14	1.62	ppb
Calcium	43-1	20851.97	21784.97	21873.23	21503.39	2.63	ppb
Calcium	44-1	20209.05	21088.04	20883.33	20726.81	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.70	46.85	45.39	45.98	1.67	ppb
Cobalt	59-2	30.46	30.82	30.37	30.55	0.78	ppb
Copper	63-2	87.48	89.03	86.67	87.73	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				107		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	75510.82	76472.26	75273.14	75752.07	0.84	ppb
Iron	57-2	74481.59	75822.41	74084.17	74796.06	1.22	ppb
Iron	54-2	75901.25	76180.33	75797.12	75959.57	0.26	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4308-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAN1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:14:34	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	143.79	142.49	143.95	143.41	0.56	ppb
Lead	207-1	143.38	142.20	143.65	143.08	0.54	ppb
Lead	208-1	143.57	142.78	144.00	143.45	0.43	ppb
Lithium	6-1				91		%
Magnesium	24-2	14379.76	14463.99	14268.72	14370.82	0.68	ppb
Manganese	55-2	1523.00	1551.39	1536.24	1536.88	0.92	ppb
Molybdenum	94-1	21.72	21.54	22.30	21.85	1.84	ppb
Molybdenum	95-1	2.04	2.01	2.14	2.07	3.22	ppb
Molybdenum	96-1	4.45	4.51	4.44	4.47	0.84	ppb
Molybdenum	97-1	2.02	2.09	2.09	2.07	2.15	ppb
Molybdenum	98-1	1.98	1.98	2.04	2.00	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.46	41.40	40.72	40.86	1.19	ppb
Phosphorus	31-2	2019.29	2017.53	1969.62	2002.15	1.41	ppb
Potassium	39-2	8991.08	8956.64	8758.42	8902.05	1.41	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.65	0.42	0.52	0.53	21.93	ppb
Selenium	77-2	18.58	13.14	15.44	15.72	17.38	ppb
Selenium	78-2	4.93	2.76	2.28	3.32	42.48	ppb
Silicon	28-1	1019.30	1079.87	1048.91	1049.36	2.89	ppb
Silver	107-1	1.51	1.51	1.49	1.51	0.89	ppb
Silver	109-1	1.48	1.47	1.54	1.50	2.45	ppb
Sodium	23-2	272.68	273.44	270.48	272.20	0.56	ppb
Strontium	86-1	81.44	81.76	84.73	82.64	2.19	ppb
Strontium	88-1	85.78	85.31	86.65	85.91	0.79	ppb
Sulfur	34-1	-4560.24	-4421.46	-4458.22	-4479.97		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.32	0.31	0.29	0.31	5.70	ppb
Thallium	205-1	0.30	0.30	0.29	0.30	1.51	ppb
Tin	118-1	1.99	2.02	2.05	2.02	1.55	ppb
Titanium	47-1	1291.79	1343.02	1316.30	1317.04	1.95	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4308-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAN1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:14:34	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.04	1.04	1.04	0.49	ppb
Vanadium	51-2	118.43	118.76	117.85	118.35	0.39	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	259.24	261.26	256.77	259.09	0.87	ppb
Zirconium	90-1	11.83	12.11	12.36	12.10	2.19	ppb
Zirconium	91-1	12.12	12.11	12.41	12.21	1.41	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:17:46	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35021.98	34990.76	35191.89	35068.21	0.31	ppb
Antimony	121-1	1.59	1.61	1.60	1.60	0.56	ppb
Arsenic	75-2	95.83	94.67	93.53	94.68	1.22	ppb
Barium	135-1	298.64	303.45	310.28	304.12	1.92	ppb
Barium	137-1	305.14	304.94	310.53	306.87	1.03	ppb
Beryllium	9-1	1.49	1.43	1.57	1.49	4.63	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.59	1.79	1.51	1.63	8.92	ppb
Cadmium	106-1	3.17	1.64	2.26	2.36	32.65	ppb
Cadmium	111-1	1.11	1.02	1.09	1.07	4.47	ppb
Calcium	43-1	14373.59	14179.35	14932.68	14495.21	2.70	ppb
Calcium	44-1	13700.24	13789.07	14472.41	13987.24	3.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.39	41.39	41.80	41.52	0.57	ppb
Cobalt	59-2	33.24	33.21	32.80	33.08	0.74	ppb
Copper	63-2	83.47	83.55	83.16	83.39	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				111		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	83176.80	82784.88	82698.64	82886.77	0.31	ppb
Iron	57-2	82197.07	80665.40	81568.28	81476.92	0.94	ppb
Iron	54-2	82764.04	81284.08	81943.05	81997.06	0.90	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:17:46	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.95	62.86	63.15	62.65	1.00	ppb
Lead	207-1	64.30	64.75	64.70	64.58	0.38	ppb
Lead	208-1	62.65	63.36	63.49	63.17	0.71	ppb
Lithium	6-1				97		%
Magnesium	24-2	12256.72	12418.59	12459.07	12378.13	0.87	ppb
Manganese	55-2	1645.14	1639.47	1638.67	1641.09	0.21	ppb
Molybdenum	94-1	15.29	15.56	15.24	15.36	1.12	ppb
Molybdenum	95-1	0.98	1.14	1.01	1.04	7.80	ppb
Molybdenum	96-1	2.92	2.99	2.95	2.95	1.09	ppb
Molybdenum	97-1	1.04	1.03	0.98	1.02	3.12	ppb
Molybdenum	98-1	0.99	0.97	1.02	0.99	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.11	35.80	35.56	35.82	0.76	ppb
Phosphorus	31-2	2131.76	2126.51	2135.00	2131.09	0.20	ppb
Potassium	39-2	7873.45	7744.28	7942.92	7853.55	1.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	0.66	1.00	0.61	0.76	28.03	ppb
Selenium	77-2	13.81	14.86	12.50	13.72	8.61	ppb
Selenium	78-2	0.36	3.64	1.24	1.75	97.04	ppb
Silicon	28-1	964.92	946.93	1003.21	971.69	2.96	ppb
Silver	107-1	1.53	1.53	1.56	1.54	1.13	ppb
Silver	109-1	1.51	1.54	1.57	1.54	1.75	ppb
Sodium	23-2	209.70	211.46	209.53	210.23	0.51	ppb
Strontium	86-1	75.07	78.08	77.34	76.83	2.04	ppb
Strontium	88-1	76.97	79.28	81.54	79.26	2.89	ppb
Sulfur	34-1	-4079.48	-4204.19	-3957.87	-4080.51		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.21	0.23	0.24	0.23	5.39	ppb
Thallium	205-1	0.22	0.24	0.22	0.23	3.53	ppb
Tin	118-1	1.21	1.20	1.23	1.21	1.13	ppb
Titanium	47-1	1246.46	1217.31	1286.26	1250.01	2.77	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:17:46	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.90	0.90	0.89	0.92	ppb
Vanadium	51-2	139.16	139.42	138.58	139.05	0.31	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	308.49	304.78	307.36	306.88	0.62	ppb
Zirconium	90-1	8.68	8.81	8.98	8.82	1.71	ppb
Zirconium	91-1	8.64	9.06	9.18	8.96	3.12	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-20REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAT0	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:20:56	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	115639.24	112762.78	112734.24	113712.09	1.47	ppb
Antimony	121-1	2.08	2.13	2.21	2.14	3.09	ppb
Arsenic	75-2	164.91	163.63	164.58	164.38	0.40	ppb
Barium	135-1	1010.43	1053.26	1059.41	1041.03	2.56	ppb
Barium	137-1	1014.63	1065.90	1072.26	1050.93	3.01	ppb
Beryllium	9-1	4.74	4.49	4.67	4.63	2.82	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.34	3.36	3.50	3.40	2.57	ppb
Cadmium	106-1	5.96	5.56	6.21	5.91	5.48	ppb
Cadmium	111-1	1.95	1.90	2.13	1.99	5.99	ppb
Calcium	43-1	44358.89	44552.36	45186.39	44699.21	0.97	ppb
Calcium	44-1	43006.62	42628.33	43525.63	43053.53	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.80	128.02	127.66	128.16	0.46	ppb
Cobalt	59-2	80.88	80.07	79.30	80.09	0.98	ppb
Copper	63-2	229.39	228.26	226.29	227.98	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				110		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	225818.23	224336.05	224871.29	225008.52	0.33	ppb
Iron	57-2	223615.79	220533.31	222350.15	222166.42	0.70	ppb
Iron	54-2	229125.01	224014.39	219863.33	224334.24	2.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-20REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAT0	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:20:56	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	113.36	114.58	114.72	114.22	0.65	ppb
Lead	207-1	114.48	114.81	115.77	115.02	0.58	ppb
Lead	208-1	112.64	113.77	114.49	113.63	0.82	ppb
Lithium	6-1				99		%
Magnesium	24-2	39916.75	39925.79	40722.21	40188.25	1.15	ppb
Manganese	55-2	3645.38	3615.84	3594.18	3618.47	0.71	ppb
Molybdenum	94-1	44.06	44.60	45.07	44.58	1.14	ppb
Molybdenum	95-1	1.96	1.88	1.95	1.93	2.27	ppb
Molybdenum	96-1	7.52	7.50	7.67	7.56	1.26	ppb
Molybdenum	97-1	1.86	1.89	1.91	1.89	1.29	ppb
Molybdenum	98-1	1.90	1.90	1.89	1.90	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.42	100.57	99.95	100.31	0.32	ppb
Phosphorus	31-2	5147.03	5073.39	5057.08	5092.50	0.94	ppb
Potassium	39-2	13833.34	13551.31	13605.31	13663.32	1.10	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				119		%
Scandium	45-2				117		%
Selenium	82-1	1.70	1.72	2.57	1.99	24.98	ppb
Selenium	77-2	41.08	37.22	33.69	37.33	9.90	ppb
Selenium	78-2	6.87	8.24	7.03	7.38	10.17	ppb
Silicon	28-1	2442.13	2446.42	2492.97	2460.51	1.15	ppb
Silver	107-1	0.54	0.57	0.54	0.55	2.74	ppb
Silver	109-1	0.54	0.60	0.56	0.56	5.37	ppb
Sodium	23-2	520.56	521.32	520.30	520.73	0.10	ppb
Strontium	86-1	211.46	209.75	213.82	211.68	0.97	ppb
Strontium	88-1	217.32	220.29	222.84	220.15	1.26	ppb
Sulfur	34-1	-3943.78	-4030.99	-3924.89	-3966.56		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	0.59	0.63	0.63	0.62	4.50	ppb
Thallium	205-1	0.59	0.59	0.61	0.60	2.42	ppb
Tin	118-1	2.27	2.38	2.38	2.34	2.70	ppb
Titanium	47-1	2161.40	2133.77	2227.91	2174.36	2.23	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-20REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAT0	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:20:56	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.28	2.27	2.36	2.30	2.27	ppb
Vanadium	51-2	383.66	381.35	380.17	381.73	0.47	ppb
Yttrium	89-1				127		%
Yttrium	89-2				124		%
Zinc	66-2	544.11	545.78	539.32	543.07	0.62	ppb
Zirconium	90-1	25.86	26.04	26.52	26.14	1.29	ppb
Zirconium	91-1	26.36	26.44	26.47	26.42	0.21	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4310-03A	Instrumnet Name :	P7
Client Sample ID :	MYDAT5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:24:06	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33462.04	33347.24	33714.60	33507.96	0.56	ppb
Antimony	121-1	0.97	0.94	0.97	0.96	1.75	ppb
Arsenic	75-2	77.15	78.65	78.71	78.17	1.13	ppb
Barium	135-1	312.57	306.98	314.17	311.24	1.21	ppb
Barium	137-1	309.25	307.81	320.53	312.53	2.23	ppb
Beryllium	9-1	1.40	1.40	1.59	1.46	7.77	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	0.83	1.09	0.98	14.05	ppb
Cadmium	106-1	0.98	0.26	0.11	0.45	103.90	ppb
Cadmium	111-1	0.58	0.69	0.57	0.61	10.68	ppb
Calcium	43-1	15114.20	15527.32	15242.09	15294.54	1.38	ppb
Calcium	44-1	14848.90	14660.39	14756.65	14755.31	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.00	48.38	47.95	48.11	0.48	ppb
Cobalt	59-2	38.01	38.75	38.89	38.55	1.22	ppb
Copper	63-2	77.38	79.78	79.12	78.76	1.57	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				106		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	87355.69	90427.09	89646.14	89142.97	1.79	ppb
Iron	57-2	87563.73	89513.10	89058.76	88711.86	1.15	ppb
Iron	54-2	88739.78	91151.68	91637.88	90509.78	1.71	ppb
Krypton	83-1						cps

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On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4310-03A	Instrumnet Name :	P7
Client Sample ID :	MYDAT5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:24:06	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	145.58	146.51	145.43	145.84	0.40	ppb
Lead	207-1	145.73	145.11	144.80	145.21	0.32	ppb
Lead	208-1	145.14	145.11	145.04	145.10	0.04	ppb
Lithium	6-1				89		%
Magnesium	24-2	14191.46	14082.98	14256.59	14177.01	0.62	ppb
Manganese	55-2	1593.42	1681.79	1647.82	1641.01	2.72	ppb
Molybdenum	94-1	13.44	14.04	13.64	13.71	2.24	ppb
Molybdenum	95-1	1.16	1.10	1.16	1.14	2.92	ppb
Molybdenum	96-1	2.85	2.86	2.98	2.90	2.61	ppb
Molybdenum	97-1	1.21	1.17	1.10	1.16	4.71	ppb
Molybdenum	98-1	1.08	1.11	1.13	1.11	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.47	40.93	40.38	40.60	0.73	ppb
Phosphorus	31-2	1932.83	2007.63	2012.50	1984.32	2.25	ppb
Potassium	39-2	4762.87	4911.91	4821.93	4832.24	1.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.79	-0.16	0.36	0.33	144.16	ppb
Selenium	77-2	13.72	11.04	11.14	11.97	12.69	ppb
Selenium	78-2	2.71	3.39	1.18	2.42	46.77	ppb
Silicon	28-1	1131.64	1101.34	1055.31	1096.09	3.51	ppb
Silver	107-1	0.21	0.16	0.17	0.18	13.28	ppb
Silver	109-1	0.19	0.16	0.19	0.18	8.30	ppb
Sodium	23-2	238.43	242.64	244.80	241.96	1.34	ppb
Strontium	86-1	68.43	68.91	68.96	68.76	0.42	ppb
Strontium	88-1	67.99	68.97	69.61	68.86	1.19	ppb
Sulfur	34-1	-4628.93	-4645.75	-4716.98	-4663.89		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.18	0.19	0.19	0.19	3.59	ppb
Thallium	205-1	0.20	0.20	0.19	0.20	1.89	ppb
Tin	118-1	1.84	1.84	1.94	1.87	2.94	ppb
Titanium	47-1	1169.14	1170.68	1192.56	1177.46	1.11	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4310-03A	Instrumnet Name :	P7
Client Sample ID :	MYDAT5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:24:06	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.73	0.74	0.74	0.86	ppb
Vanadium	51-2	152.68	156.96	154.38	154.67	1.40	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	231.44	232.26	232.57	232.09	0.25	ppb
Zirconium	90-1	7.71	7.59	7.74	7.68	0.99	ppb
Zirconium	91-1	7.67	7.75	7.70	7.71	0.53	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB06ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:27:17	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37838.57	37860.72	38487.91	38062.40	0.97	ppb
Antimony	121-1	0.56	0.57	0.51	0.55	5.68	ppb
Arsenic	75-2	29.07	29.56	30.37	29.67	2.21	ppb
Barium	135-1	273.71	277.57	283.05	278.11	1.69	ppb
Barium	137-1	281.97	280.21	282.29	281.49	0.40	ppb
Beryllium	9-1	1.59	1.58	1.44	1.54	5.51	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.01	0.92	0.75	0.89	14.59	ppb
Cadmium	106-1	0.99	0.16	1.28	0.81	71.86	ppb
Cadmium	111-1	0.29	0.24	0.37	0.30	21.36	ppb
Calcium	43-1	14108.12	13996.19	13997.42	14033.91	0.46	ppb
Calcium	44-1	13612.23	13642.79	13841.10	13698.71	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.56	41.03	40.58	40.72	0.66	ppb
Cobalt	59-2	31.12	31.67	32.17	31.65	1.66	ppb
Copper	63-2	60.11	60.77	62.43	61.10	1.95	ppb
Dysprosium	156-1						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				101		%
Iron	56-2	79279.83	80359.15	81267.24	80302.07	1.24	ppb
Iron	57-2	77228.62	75982.13	78560.88	77257.21	1.67	ppb
Iron	54-2	78283.44	79730.61	80848.44	79620.83	1.62	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB06ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:27:17	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.68	18.81	18.74	18.74	0.34	ppb
Lead	207-1	17.44	17.38	17.31	17.38	0.37	ppb
Lead	208-1	17.83	17.91	17.80	17.85	0.33	ppb
Lithium	6-1				87		%
Magnesium	24-2	13275.86	13399.89	13414.18	13363.31	0.57	ppb
Manganese	55-2	1488.77	1487.32	1502.67	1492.92	0.57	ppb
Molybdenum	94-1	13.19	13.21	13.66	13.35	2.01	ppb
Molybdenum	95-1	0.74	0.70	0.71	0.72	2.73	ppb
Molybdenum	96-1	2.36	2.38	2.47	2.40	2.32	ppb
Molybdenum	97-1	0.70	0.66	0.66	0.67	3.12	ppb
Molybdenum	98-1	0.65	0.66	0.68	0.66	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.80	39.03	38.99	39.27	1.17	ppb
Phosphorus	31-2	1943.90	1954.29	2003.55	1967.24	1.62	ppb
Potassium	39-2	6847.10	6835.34	6815.04	6832.49	0.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	-0.08	0.31	0.31	0.18	123.38	ppb
Selenium	77-2	13.60	15.78	16.18	15.18	9.16	ppb
Selenium	78-2	1.03	1.42	4.86	2.43	86.57	ppb
Silicon	28-1	1179.67	1149.76	1167.77	1165.73	1.29	ppb
Silver	107-1	1.23	1.24	1.23	1.24	0.47	ppb
Silver	109-1	1.20	1.21	1.19	1.20	1.08	ppb
Sodium	23-2	215.76	224.07	226.33	222.06	2.51	ppb
Strontium	86-1	70.29	69.85	72.09	70.74	1.67	ppb
Strontium	88-1	72.62	72.25	72.42	72.43	0.26	ppb
Sulfur	34-1	-4893.64	-5068.73	-5007.07	-4989.81		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.22	0.19	0.21	0.21	7.25	ppb
Thallium	205-1	0.21	0.21	0.21	0.21	0.33	ppb
Tin	118-1	1.87	1.91	1.83	1.87	2.32	ppb
Titanium	47-1	1105.90	1106.43	1133.08	1115.13	1.39	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB06ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:27:17	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.87	0.85	0.86	1.42	ppb
Vanadium	51-2	123.49	125.70	127.35	125.51	1.55	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	134.16	135.14	134.77	134.69	0.37	ppb
Zirconium	90-1	7.58	7.70	7.89	7.72	2.05	ppb
Zirconium	91-1	7.61	7.74	7.86	7.74	1.65	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-05REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAX7	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:30:31	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	118849.98	118182.09	117651.50	118227.86	0.51	ppb
Antimony	121-1	1.31	1.37	1.37	1.35	2.53	ppb
Arsenic	75-2	89.46	92.32	91.92	91.23	1.70	ppb
Barium	135-1	898.09	910.73	926.84	911.89	1.58	ppb
Barium	137-1	955.97	992.70	1021.78	990.15	3.33	ppb
Beryllium	9-1	4.46	4.52	4.43	4.47	1.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.12	2.04	2.33	2.16	6.87	ppb
Cadmium	106-1	4.29	4.20	5.04	4.51	10.17	ppb
Cadmium	111-1	0.82	0.85	0.93	0.87	6.77	ppb
Calcium	43-1	47122.60	47894.04	48222.58	47746.40	1.18	ppb
Calcium	44-1	45076.68	46257.49	46439.81	45924.66	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.81	111.53	113.05	112.80	1.03	ppb
Cobalt	59-2	84.22	82.89	83.51	83.54	0.80	ppb
Copper	63-2	226.08	220.03	223.39	223.17	1.36	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				102		%
Indium	115-2				99		%
Iron	56-2	230761.79	225033.46	224732.79	226842.68	1.50	ppb
Iron	57-2	227383.59	219041.85	226476.12	224300.52	2.04	ppb
Iron	54-2	224986.35	221850.55	224314.12	223717.01	0.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-05REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAX7	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:30:31	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.65	48.25	48.91	48.27	1.30	ppb
Lead	207-1	44.11	44.38	45.55	44.68	1.72	ppb
Lead	208-1	45.34	45.93	46.68	45.98	1.47	ppb
Lithium	6-1				81		%
Magnesium	24-2	43900.75	43265.23	43402.43	43522.80	0.77	ppb
Manganese	55-2	3574.54	3506.95	3571.32	3550.94	1.07	ppb
Molybdenum	94-1	33.95	34.65	35.25	34.62	1.88	ppb
Molybdenum	95-1	1.59	1.57	1.62	1.59	1.66	ppb
Molybdenum	96-1	6.07	6.15	6.30	6.17	1.86	ppb
Molybdenum	97-1	1.58	1.54	1.67	1.60	4.03	ppb
Molybdenum	98-1	1.50	1.54	1.54	1.52	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.71	98.29	98.62	98.87	0.75	ppb
Phosphorus	31-2	4998.93	4961.04	4977.33	4979.10	0.38	ppb
Potassium	39-2	7086.56	6974.38	7049.55	7036.83	0.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	82-1	1.27	1.59	1.05	1.31	20.78	ppb
Selenium	77-2	44.87	43.59	40.94	43.13	4.65	ppb
Selenium	78-2	3.60	9.72	10.17	7.83	46.91	ppb
Silicon	28-1	2593.78	2596.75	2637.53	2609.35	0.94	ppb
Silver	107-1	0.24	0.25	0.25	0.24	1.67	ppb
Silver	109-1	0.24	0.23	0.27	0.25	8.81	ppb
Sodium	23-2	840.14	819.51	831.56	830.41	1.25	ppb
Strontium	86-1	210.65	216.34	221.39	216.13	2.49	ppb
Strontium	88-1	223.24	220.42	221.90	221.85	0.64	ppb
Sulfur	34-1	-5274.11	-5266.91	-5282.17	-5274.40		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.54	0.53	0.55	0.54	1.99	ppb
Thallium	205-1	0.48	0.53	0.54	0.52	6.57	ppb
Tin	118-1	4.75	4.90	4.94	4.86	2.05	ppb
Titanium	47-1	2642.62	2683.65	2747.25	2691.17	1.96	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-05REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAX7	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:30:31	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.12	2.06	2.17	2.11	2.62	ppb
Vanadium	51-2	376.90	367.39	370.72	371.67	1.30	ppb
Yttrium	89-1				129		%
Yttrium	89-2				128		%
Zinc	66-2	363.16	358.64	358.43	360.08	0.74	ppb
Zirconium	90-1	19.81	19.84	20.61	20.09	2.26	ppb
Zirconium	91-1	19.54	20.16	20.75	20.15	3.00	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-11REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY3	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:33:40	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	111495.09	112987.82	123910.47	116131.13	5.84	ppb
Antimony	121-1	1.84	1.69	1.94	1.82	6.91	ppb
Arsenic	75-2	124.51	121.91	134.87	127.10	5.39	ppb
Barium	135-1	818.52	747.35	826.59	797.49	5.47	ppb
Barium	137-1	889.91	818.74	883.06	863.90	4.54	ppb
Beryllium	9-1	3.73	3.63	4.23	3.86	8.36	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.63	2.78	2.87	2.76	4.38	ppb
Cadmium	106-1	5.59	3.36	4.67	4.54	24.62	ppb
Cadmium	111-1	1.13	0.84	1.00	0.99	14.74	ppb
Calcium	43-1	44604.19	41628.32	45398.81	43877.11	4.53	ppb
Calcium	44-1	43189.55	39724.39	43281.85	42065.26	4.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117.30	119.66	132.56	123.17	6.67	ppb
Cobalt	59-2	89.23	90.32	98.94	92.83	5.73	ppb
Copper	63-2	221.11	223.20	242.71	229.01	5.20	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				102		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	222016.08	223547.40	249244.74	231602.74	6.61	ppb
Iron	57-2	220234.69	223224.80	242796.93	228752.14	5.36	ppb
Iron	54-2	224361.95	225350.72	248775.00	232829.22	5.93	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-11REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY3	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:33:40	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.39	47.36	51.51	50.09	4.71	ppb
Lead	207-1	48.82	44.84	48.99	47.55	4.93	ppb
Lead	208-1	49.51	45.52	49.98	48.34	5.08	ppb
Lithium	6-1				82		%
Magnesium	24-2	44130.01	44310.55	49548.53	45996.36	6.69	ppb
Manganese	55-2	5777.39	5712.26	6421.81	5970.49	6.57	ppb
Molybdenum	94-1	43.00	41.18	43.88	42.69	3.22	ppb
Molybdenum	95-1	1.87	1.78	1.93	1.86	4.23	ppb
Molybdenum	96-1	7.36	6.89	7.33	7.19	3.70	ppb
Molybdenum	97-1	1.91	1.72	1.84	1.83	5.28	ppb
Molybdenum	98-1	1.81	1.69	1.81	1.77	4.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.81	97.87	107.31	100.33	6.11	ppb
Phosphorus	31-2	4841.98	4922.73	5286.25	5016.99	4.72	ppb
Potassium	39-2	8137.31	8105.50	9123.40	8455.40	6.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				120		%
Scandium	45-2				114		%
Selenium	82-1	1.21	0.91	1.41	1.18	21.53	ppb
Selenium	77-2	42.62	42.33	47.69	44.21	6.81	ppb
Selenium	78-2	7.04	8.73	8.69	8.15	11.84	ppb
Silicon	28-1	2304.53	2160.76	2367.49	2277.59	4.65	ppb
Silver	107-1	0.22	0.20	0.24	0.22	9.47	ppb
Silver	109-1	0.21	0.19	0.21	0.20	6.92	ppb
Sodium	23-2	478.83	481.65	539.93	500.13	6.90	ppb
Strontium	86-1	198.23	183.45	202.73	194.80	5.18	ppb
Strontium	88-1	208.00	194.90	207.48	203.46	3.65	ppb
Sulfur	34-1	-5256.84	-5524.62	-5316.65	-5366.04		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.53	0.53	0.58	0.55	5.72	ppb
Thallium	205-1	0.53	0.48	0.55	0.52	6.45	ppb
Tin	118-1	5.14	4.69	5.20	5.01	5.53	ppb
Titanium	47-1	2564.39	2412.61	2599.66	2525.56	3.94	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-11REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY3	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:33:40	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.87	1.72	1.92	1.84	5.63	ppb
Vanadium	51-2	362.34	364.04	403.47	376.62	6.18	ppb
Yttrium	89-1				130		%
Yttrium	89-2				122		%
Zinc	66-2	384.77	390.04	428.79	401.20	5.99	ppb
Zirconium	90-1	24.92	23.20	25.64	24.59	5.08	ppb
Zirconium	91-1	25.20	23.60	25.63	24.81	4.31	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-14REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY6	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:36:50	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	115635.98	119007.37	119724.46	118122.60	1.85	ppb
Antimony	121-1	1.77	1.77	1.84	1.79	2.36	ppb
Arsenic	75-2	115.54	112.90	118.07	115.50	2.24	ppb
Barium	135-1	805.45	844.23	841.71	830.46	2.61	ppb
Barium	137-1	887.43	897.07	910.05	898.18	1.26	ppb
Beryllium	9-1	4.17	4.42	4.68	4.42	5.72	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.37	2.73	3.16	3.09	10.49	ppb
Cadmium	106-1	5.52	4.71	5.27	5.17	7.96	ppb
Cadmium	111-1	1.18	1.20	1.26	1.21	3.32	ppb
Calcium	43-1	50642.26	50302.58	51785.51	50910.12	1.53	ppb
Calcium	44-1	48667.70	48830.07	49019.28	48839.02	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	164.46	166.01	164.15	164.87	0.60	ppb
Cobalt	59-2	86.32	85.38	85.19	85.63	0.70	ppb
Copper	63-2	236.72	234.17	240.64	237.17	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				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	201855.83	197883.23	200483.96	200074.34	1.01	ppb
Iron	57-2	195273.33	196600.08	198006.00	196626.47	0.69	ppb
Iron	54-2	199462.23	199003.87	200382.86	199616.32	0.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-14REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY6	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:36:50	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	63.44	64.26	63.92	63.87	0.64	ppb
Lead	207-1	61.28	62.52	61.71	61.84	1.02	ppb
Lead	208-1	61.50	62.70	62.20	62.13	0.97	ppb
Lithium	6-1				80		%
Magnesium	24-2	48294.91	49419.04	48781.71	48831.89	1.15	ppb
Manganese	55-2	3853.75	3795.31	3861.12	3836.73	0.94	ppb
Molybdenum	94-1	34.67	35.01	35.22	34.97	0.79	ppb
Molybdenum	95-1	1.38	1.49	1.61	1.49	7.58	ppb
Molybdenum	96-1	6.12	6.14	5.99	6.08	1.36	ppb
Molybdenum	97-1	1.53	1.51	1.53	1.52	1.02	ppb
Molybdenum	98-1	1.40	1.45	1.50	1.45	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.92	135.34	135.10	134.79	0.56	ppb
Phosphorus	31-2	4083.11	4065.79	4091.57	4080.16	0.32	ppb
Potassium	39-2	10513.35	10480.94	10289.26	10427.85	1.16	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	1.64	1.43	2.21	1.76	22.89	ppb
Selenium	77-2	38.26	42.32	43.15	41.24	6.35	ppb
Selenium	78-2	8.89	9.14	8.18	8.74	5.73	ppb
Silicon	28-1	2541.49	2604.36	2629.66	2591.84	1.75	ppb
Silver	107-1	0.60	0.65	0.64	0.63	3.93	ppb
Silver	109-1	0.58	0.64	0.64	0.62	5.47	ppb
Sodium	23-2	642.15	638.73	646.15	642.34	0.58	ppb
Strontium	86-1	198.32	201.81	204.24	201.46	1.48	ppb
Strontium	88-1	203.41	206.90	210.65	206.99	1.75	ppb
Sulfur	34-1	-4462.23	-4594.52	-4440.61	-4499.12		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.50	0.53	0.48	0.50	4.99	ppb
Thallium	205-1	0.52	0.51	0.52	0.51	1.20	ppb
Tin	118-1	4.67	4.90	4.99	4.85	3.44	ppb
Titanium	47-1	2078.65	2144.31	2149.41	2124.12	1.86	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-14REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY6	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:36:50	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.12	2.17	2.15	2.15	1.03	ppb
Vanadium	51-2	305.97	303.07	305.48	304.84	0.51	ppb
Yttrium	89-1				128		%
Yttrium	89-2				125		%
Zinc	66-2	424.76	426.19	430.45	427.14	0.69	ppb
Zirconium	90-1	20.17	20.55	20.51	20.41	1.04	ppb
Zirconium	91-1	19.97	20.15	20.70	20.28	1.89	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB17ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:39:57	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30083.04	29122.14	30164.56	29789.91	1.95	ppb
Antimony	121-1	1.47	1.59	1.56	1.54	3.99	ppb
Arsenic	75-2	128.35	128.55	128.07	128.32	0.19	ppb
Barium	135-1	219.96	228.87	228.07	225.63	2.18	ppb
Barium	137-1	222.87	228.98	231.55	227.80	1.96	ppb
Beryllium	9-1	1.42	1.26	1.41	1.36	6.73	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.31	2.15	2.32	2.26	4.27	ppb
Cadmium	106-1	0.98	2.10	1.75	1.61	35.64	ppb
Cadmium	111-1	1.85	1.98	2.03	1.95	4.91	ppb
Calcium	43-1	11584.92	11891.35	11864.82	11780.36	1.44	ppb
Calcium	44-1	11133.31	11344.09	11525.75	11334.39	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.90	38.41	38.70	38.67	0.63	ppb
Cobalt	59-2	33.79	33.54	33.92	33.75	0.58	ppb
Copper	63-2	164.39	159.85	162.15	162.13	1.40	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				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	82673.92	80959.37	82834.64	82155.97	1.27	ppb
Iron	57-2	82397.05	80519.17	81743.09	81553.10	1.17	ppb
Iron	54-2	82421.51	81184.21	82642.49	82082.74	0.96	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB17ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:39:57	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	314.67	321.90	319.21	318.59	1.15	ppb
Lead	207-1	316.83	324.12	319.30	320.08	1.16	ppb
Lead	208-1	336.92	346.66	342.05	341.88	1.43	ppb
Lithium	6-1				83		%
Magnesium	24-2	12963.76	13028.13	12901.58	12964.49	0.49	ppb
Manganese	55-2	1321.38	1311.66	1309.68	1314.24	0.48	ppb
Molybdenum	94-1	10.59	10.85	10.91	10.78	1.61	ppb
Molybdenum	95-1	1.00	0.98	1.00	1.00	1.16	ppb
Molybdenum	96-1	2.39	2.50	2.42	2.43	2.44	ppb
Molybdenum	97-1	0.90	1.01	0.95	0.95	5.52	ppb
Molybdenum	98-1	0.96	0.94	0.99	0.96	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.25	36.71	36.95	36.97	0.73	ppb
Phosphorus	31-2	2658.20	2646.66	2619.84	2641.57	0.75	ppb
Potassium	39-2	6712.42	6792.78	6801.96	6769.05	0.73	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.53	-0.13	1.38	0.60	126.84	ppb
Selenium	77-2	12.28	13.91	14.34	13.51	8.01	ppb
Selenium	78-2	1.39	2.52	3.27	2.39	39.42	ppb
Silicon	28-1	1054.22	1062.09	1075.85	1064.05	1.03	ppb
Silver	107-1	1.74	1.85	1.89	1.83	4.07	ppb
Silver	109-1	1.81	1.86	1.84	1.84	1.47	ppb
Sodium	23-2	222.52	221.87	226.66	223.69	1.16	ppb
Strontium	86-1	53.25	55.34	55.73	54.77	2.44	ppb
Strontium	88-1	54.15	55.16	55.37	54.90	1.19	ppb
Sulfur	34-1	-4776.36	-4761.32	-4744.12	-4760.60		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.24	0.27	0.22	0.24	10.42	ppb
Thallium	205-1	0.23	0.24	0.24	0.24	2.41	ppb
Tin	118-1	1.96	2.09	2.08	2.05	3.53	ppb
Titanium	47-1	921.14	955.58	949.48	942.07	1.95	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB17ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:39:57	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.75	0.75	0.74	2.40	ppb
Vanadium	51-2	138.33	136.45	138.80	137.86	0.90	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	439.16	432.69	438.63	436.83	0.82	ppb
Zirconium	90-1	5.94	6.08	6.12	6.05	1.60	ppb
Zirconium	91-1	6.08	6.22	6.11	6.14	1.16	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:43:09	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47917.25	47098.73	47213.03	47409.67	0.93	ppb
Antimony	121-1	452.71	474.20	462.52	463.14	2.32	ppb
Arsenic	75-2	497.98	512.99	494.39	501.79	1.97	ppb
Barium	135-1	2341.45	2404.21	2368.24	2371.30	1.33	ppb
Barium	137-1	2356.32	2407.09	2396.14	2386.52	1.12	ppb
Beryllium	9-1	518.33	520.16	521.07	519.86	0.27	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	480.19	493.42	490.25	487.95	1.42	ppb
Cadmium	106-1	483.21	488.40	489.84	487.15	0.72	ppb
Cadmium	111-1	478.04	490.78	491.42	486.74	1.55	ppb
Calcium	43-1	237735.36	250104.19	248905.98	245581.84	2.78	ppb
Calcium	44-1	235206.89	245966.38	244526.80	241900.02	2.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.21	476.82	476.86	478.29	0.53	ppb
Cobalt	59-2	514.44	515.70	516.79	515.64	0.23	ppb
Copper	63-2	4896.16	4976.78	4975.74	4949.56	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				98		%
Indium	115-2				96		%
Iron	56-2	124198.50	123542.25	123730.43	123823.73	0.27	ppb
Iron	57-2	125441.43	122615.55	123685.13	123914.04	1.15	ppb
Iron	54-2	125137.09	123403.38	124784.20	124441.56	0.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:43:09	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2374.40	2446.64	2460.16	2427.07	1.90	ppb
Lead	207-1	2381.30	2439.54	2472.89	2431.24	1.91	ppb
Lead	208-1	2379.75	2442.89	2466.20	2429.62	1.84	ppb
Lithium	6-1				92		%
Magnesium	24-2	234564.74	232225.55	232021.81	232937.37	0.61	ppb
Manganese	55-2	4757.64	4687.98	4732.32	4725.98	0.75	ppb
Molybdenum	94-1	4644.70	4741.66	4804.02	4730.13	1.70	ppb
Molybdenum	95-1	4643.67	4710.62	4808.87	4721.05	1.76	ppb
Molybdenum	96-1	4667.84	4741.78	4806.38	4738.67	1.46	ppb
Molybdenum	97-1	4667.17	4663.06	4755.71	4695.31	1.11	ppb
Molybdenum	98-1	4630.20	4742.21	4749.64	4707.35	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.55	501.85	505.55	503.98	0.38	ppb
Phosphorus	31-2	9357.33	9307.64	9236.08	9300.35	0.66	ppb
Potassium	39-2	118461.89	118974.88	118853.57	118763.45	0.23	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	484.34	488.11	495.94	489.47	1.21	ppb
Selenium	77-2	495.91	490.85	492.34	493.03	0.53	ppb
Selenium	78-2	485.50	503.47	477.56	488.84	2.71	ppb
Silicon	28-1	937.74	970.39	982.74	963.62	2.41	ppb
Silver	107-1	483.80	496.60	491.34	490.58	1.31	ppb
Silver	109-1	478.60	496.67	489.18	488.15	1.86	ppb
Sodium	23-2	240556.68	238531.52	238212.99	239100.40	0.53	ppb
Strontium	86-1	11586.18	11638.17	12009.29	11744.55	1.96	ppb
Strontium	88-1	11540.64	11757.94	11837.26	11711.95	1.31	ppb
Sulfur	34-1	7914.11	8716.75	8409.58	8346.81	4.85	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	485.32	498.10	497.07	493.49	1.44	ppb
Thallium	205-1	476.60	486.90	486.13	483.21	1.19	ppb
Tin	118-1	459.31	481.22	467.59	469.37	2.36	ppb
Titanium	47-1	4628.98	4836.76	4785.96	4750.57	2.28	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:43:09	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	476.73	493.79	503.28	491.27	2.74	ppb
Vanadium	51-2	481.79	480.10	479.87	480.59	0.22	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	5002.61	5056.52	4910.16	4989.76	1.48	ppb
Zirconium	90-1	467.54	478.43	492.17	479.38	2.57	ppb
Zirconium	91-1	465.00	470.41	482.73	472.72	1.92	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:45:55	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.01	3.42	3.19	3.54	12.00	ppb
Antimony	121-1	0.28	0.31	0.31	0.30	6.19	ppb
Arsenic	75-2	0.03	0.05	0.04	0.04	29.93	ppb
Barium	135-1	0.15	0.13	0.11	0.13	15.35	ppb
Barium	137-1	0.17	0.13	0.10	0.13	26.20	ppb
Beryllium	9-1	0.05	0.08	0.06	0.06	25.51	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.19	0.16	0.12	64.88	ppb
Cadmium	106-1	-1.51	-1.10	-1.47	-1.36		ppb
Cadmium	111-1	-0.06	-0.03	-0.05	-0.05		ppb
Calcium	43-1	19.73	15.02	13.28	16.01	20.82	ppb
Calcium	44-1	16.10	11.34	9.12	12.19	29.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.04	0.02	144.47	ppb
Cobalt	59-2	0.02	0.02	0.00	0.02	62.90	ppb
Copper	63-2	0.32	0.33	0.28	0.31	8.90	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				107		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	8.73	8.19	7.85	8.26	5.39	ppb
Iron	57-2	-0.77	2.51	2.31	1.35	136.05	ppb
Iron	54-2	6.71	7.38	7.82	7.30	7.67	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:45:55	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.25	0.19	0.15	0.20	25.20	ppb
Lead	207-1	0.21	0.19	0.15	0.18	17.26	ppb
Lead	208-1	0.23	0.19	0.16	0.19	18.68	ppb
Lithium	6-1				96		%
Magnesium	24-2	6.76	6.07	5.82	6.22	7.81	ppb
Manganese	55-2	0.47	0.46	0.41	0.45	7.12	ppb
Molybdenum	94-1	0.48	0.35	0.34	0.39	20.47	ppb
Molybdenum	95-1	0.46	0.36	0.30	0.37	20.97	ppb
Molybdenum	96-1	0.43	0.34	0.33	0.37	15.74	ppb
Molybdenum	97-1	0.44	0.32	0.28	0.35	23.91	ppb
Molybdenum	98-1	0.45	0.34	0.31	0.37	19.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	0.04	0.02	136.42	ppb
Phosphorus	31-2	-16.32	-14.98	-15.87	-15.72		ppb
Potassium	39-2	-3.62	0.38	-2.33	-1.86		ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	-0.62	-0.53	0.10	-0.35		ppb
Selenium	77-2	-0.10	-0.10	0.21	0.00	15133.95	ppb
Selenium	78-2	-0.31	-0.38	-1.45	-0.72		ppb
Silicon	28-1	-2.24	-2.33	-2.07	-2.21		ppb
Silver	107-1	0.08	0.28	0.06	0.14	86.18	ppb
Silver	109-1	0.09	0.07	0.05	0.07	30.68	ppb
Sodium	23-2	61.49	61.88	56.33	59.90	5.17	ppb
Strontium	86-1	0.75	0.49	0.47	0.57	26.99	ppb
Strontium	88-1	0.76	0.53	0.40	0.56	31.80	ppb
Sulfur	34-1	-2622.11	-2463.38	-2286.24	-2457.24		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.06	0.03	0.05	44.22	ppb
Thallium	205-1	0.06	0.06	0.04	0.05	20.55	ppb
Tin	118-1	0.04	0.02	0.02	0.03	38.65	ppb
Titanium	47-1	0.41	0.38	0.34	0.38	9.96	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:45:55	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.02	0.02	31.19	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	16.42	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	0.41	0.44	0.33	0.39	14.90	ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	14.31	ppb
Zirconium	91-1	0.04	0.06	0.05	0.05	15.93	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:22:42	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	263	273	313	283	9.34	cps
Antimony	121-1	63	60	67	63	5.27	cps
Arsenic	75-2	0	13	10	8	89.21	cps
Barium	135-1	70	57	50	59	17.29	cps
Barium	137-1	110	87	130	109	19.92	cps
Beryllium	9-1	27	27	20	24	15.75	cps
Bismuth	209-1	3258389	3214809	3097762	3190320	2.60	cps
Bismuth	209-2	2903940	2906229	2929726	2913298	0.49	cps
Bromine	81-1	5821	5641	5735	5732	1.57	cps
Bromine	81-2	103	77	93	91	14.78	cps
Cadmium	108-1	10	3	13	9	57.30	cps
Cadmium	106-1	1517	1453	1497	1489	2.17	cps
Cadmium	111-1	1071	1028	1038	1046	2.15	cps
Calcium	43-1	363	317	350	343	7.00	cps
Calcium	44-1	18979	18558	18458	18665	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	727	690	720	712	2.74	cps
Cobalt	59-2	57	67	60	61	8.33	cps
Copper	63-2	447	470	503	473	6.02	cps
Dysprosium	156-1	47	87	87	73	31.49	cps
Dysprosium	156-2	7	13	23	14	58.06	cps
Erbium	164-1	80	43	37	53	43.75	cps
Erbium	164-2	50	23	23	32	47.79	cps
Gadolinium	160-1	33	23	23	27	21.65	cps
Gadolinium	160-2	163	170	150	161	6.32	cps
Holmium	165-1	5592855	5533512	5502440	5542936	0.83	cps
Holmium	165-2	4095514	4081236	4029994	4068915	0.85	cps
Indium	115-1	5149805	5070990	5031447	5084080	1.19	cps
Indium	115-2	1896481	1885542	1886858	1889627	0.32	cps
Iron	56-2	12589	12182	12559	12443	1.82	cps
Iron	57-2	3150	3024	3217	3130	3.14	cps
Iron	54-2	1507	1710	1690	1636	6.85	cps
Krypton	83-1	207	313	203	241	25.95	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:22:42	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	233	200	193	209	10.26	cps
Lead	207-1	227	210	187	208	9.67	cps
Lead	208-1	950	830	790	857	9.72	cps
Lithium	6-1	748883	747956	726253	741031	1.73	cps
Magnesium	24-2	773	703	647	708	8.96	cps
Manganese	55-2	390	400	353	381	6.45	cps
Molybdenum	94-1	177	180	150	169	9.74	cps
Molybdenum	95-1	83	107	73	88	19.49	cps
Molybdenum	96-1	113	120	147	127	13.92	cps
Molybdenum	97-1	43	57	33	44	26.35	cps
Molybdenum	98-1	83	57	77	72	19.21	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	103	93	97	98	5.21	cps
Phosphorus	31-2	133	140	120	131	7.77	cps
Potassium	39-2	89886	91204	92106	91066	1.23	cps
Rhodium	103-1	4999009	5210111	4992412	5067177	2.44	cps
Rhodium	103-2	3213332	3120905	3185470	3173235	1.49	cps
Scandium	45-1	3681282	3581572	3645027	3635960	1.39	cps
Scandium	45-2	324095	319395	320997	321496	0.74	cps
Selenium	82-1	402	304	383	363	14.33	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	357	347	390	364	6.23	cps
Silicon	28-1	387392	388982	386154	387510	0.37	cps
Silver	107-1	43	50	83	59	36.39	cps
Silver	109-1	43	23	13	27	57.29	cps
Sodium	23-2	44243	44294	44190	44242	0.12	cps
Strontium	86-1	357	410	433	400	9.82	cps
Strontium	88-1	273	247	200	240	15.47	cps
Sulfur	34-1	247144	242372	240327	243281	1.44	cps
Terbium	159-1	5861635	5758906	5759357	5793299	1.02	cps
Terbium	159-2	4115073	4090682	4096315	4100690	0.31	cps
Thallium	203-1	90	83	130	101	24.96	cps
Thallium	205-1	210	243	250	234	9.14	cps
Tin	118-1	1273	1290	1260	1275	1.18	cps
Titanium	47-1	153	133	167	151	11.10	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:22:42	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	17	7	16	53.90	cps
Vanadium	51-2	10	13	3	9	57.30	cps
Yttrium	89-1	9418366	9299427	9160012	9292602	1.39	cps
Yttrium	89-2	2553659	2512644	2470764	2512356	1.65	cps
Zinc	66-2	700	603	617	640	8.19	cps
Zirconium	90-1	377	367	337	360	5.78	cps
Zirconium	91-1	83	80	67	77	11.50	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:26:03	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3257	3224	3244	3241	0.52	cps
Antimony	121-1	10998	11381	12172	11517	5.20	cps
Arsenic	75-2	413	430	417	420	2.10	cps
Barium	135-1	13253	13450	13096	13266	1.34	cps
Barium	137-1	22972	22615	22742	22776	0.80	cps
Beryllium	9-1	953	947	903	934	2.91	cps
Bismuth	209-1	3224715	3129896	3117700	3157437	1.86	cps
Bismuth	209-2	2856218	2880984	2890350	2875851	0.61	cps
Bromine	81-1	5798	5778	5611	5729	1.79	cps
Bromine	81-2	97	80	90	89	9.44	cps
Cadmium	108-1	117	123	117	119	3.24	cps
Cadmium	106-1	1520	1687	1610	1606	5.20	cps
Cadmium	111-1	2482	2314	2449	2415	3.68	cps
Calcium	43-1	9817	9980	10047	9948	1.19	cps
Calcium	44-1	175344	179165	177597	177369	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7028	6802	6775	6868	2.03	cps
Cobalt	59-2	4614	4961	4794	4790	3.62	cps
Copper	63-2	6501	6578	6451	6510	0.98	cps
Dysprosium	156-1	43	73	77	64	28.49	cps
Dysprosium	156-2	27	20	20	22	17.33	cps
Erbium	164-1	43	43	60	49	19.69	cps
Erbium	164-2	47	23	27	32	39.17	cps
Gadolinium	160-1	30	43	10	28	60.40	cps
Gadolinium	160-2	177	163	163	168	4.59	cps
Holmium	165-1	5534446	5507358	5442277	5494694	0.86	cps
Holmium	165-2	4182327	4145669	4134974	4154323	0.60	cps
Indium	115-1	5057336	5059401	5039512	5052083	0.22	cps
Indium	115-2	1941178	1903608	1883426	1909404	1.53	cps
Iron	56-2	143319	142592	146244	144052	1.34	cps
Iron	57-2	6491	6448	6471	6470	0.34	cps
Iron	54-2	8829	8916	8949	8898	0.70	cps
Krypton	83-1	237	220	283	247	13.31	cps

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:26:03	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3347	3187	3477	3337	4.35	cps
Lead	207-1	2844	2830	2930	2868	1.89	cps
Lead	208-1	12923	12819	13453	13065	2.60	cps
Lithium	6-1	733408	727928	716141	725826	1.22	cps
Magnesium	24-2	130374	130343	132991	131236	1.16	cps
Manganese	55-2	2517	2597	2550	2555	1.57	cps
Molybdenum	94-1	12706	12686	12689	12693	0.08	cps
Molybdenum	95-1	15151	15265	15355	15257	0.67	cps
Molybdenum	96-1	16716	17020	17187	16974	1.41	cps
Molybdenum	97-1	9336	9336	9256	9310	0.50	cps
Molybdenum	98-1	24107	24307	24634	24349	1.09	cps
Neodymium	150-1	17	13	13	14	13.35	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1303	1303	1267	1291	1.64	cps
Phosphorus	31-2	383	353	447	394	12.08	cps
Potassium	39-2	264003	264894	266485	265127	0.47	cps
Rhodium	103-1	5007817	5034152	4976429	5006132	0.58	cps
Rhodium	103-2	3147152	3150977	3129168	3142432	0.37	cps
Scandium	45-1	3582455	3616369	3555015	3584613	0.86	cps
Scandium	45-2	323043	319491	322938	321824	0.63	cps
Selenium	82-1	813	860	796	823	4.07	cps
Selenium	77-2	57	47	40	48	17.56	cps
Selenium	78-2	510	537	547	531	3.57	cps
Silicon	28-1	407112	406658	404270	406013	0.38	cps
Silver	107-1	6838	6762	6952	6851	1.40	cps
Silver	109-1	6311	6532	6745	6529	3.32	cps
Sodium	23-2	256230	255653	255382	255755	0.17	cps
Strontium	86-1	2564	2564	2454	2527	2.51	cps
Strontium	88-1	17581	17527	17277	17462	0.93	cps
Sulfur	34-1	241620	239657	242555	241277	0.61	cps
Terbium	159-1	5763713	5721277	5739472	5741487	0.37	cps
Terbium	159-2	4128142	4095508	4160720	4128123	0.79	cps
Thallium	203-1	3994	4031	4147	4057	1.97	cps
Thallium	205-1	9720	9030	9370	9373	3.68	cps
Tin	118-1	23058	23469	23149	23225	0.93	cps
Titanium	47-1	4707	4674	4901	4761	2.57	cps

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:26:03	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10658	10928	10878	10821	1.33	cps
Vanadium	51-2	13540	13146	13646	13444	1.96	cps
Yttrium	89-1	9204631	9202397	9075291	9160773	0.81	cps
Yttrium	89-2	2490766	2508193	2531114	2510024	0.81	cps
Zinc	66-2	3334	3180	3237	3250	2.39	cps
Zirconium	90-1	10661	11031	11161	10951	2.37	cps
Zirconium	91-1	2414	2444	2427	2428	0.62	cps

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:29:25	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	186842	183500	182556	184299	1.22	cps
Antimony	121-1	294594	303374	301108	299692	1.52	cps
Arsenic	75-2	21429	21129	20918	21159	1.21	cps
Barium	135-1	360052	358555	369141	362583	1.58	cps
Barium	137-1	605273	631158	622455	619628	2.13	cps
Beryllium	9-1	49876	48883	50526	49762	1.66	cps
Bismuth	209-1	3104255	3222031	3103943	3143410	2.17	cps
Bismuth	209-2	2913576	2853512	2922733	2896607	1.30	cps
Bromine	81-1	5304	5148	5424	5292	2.62	cps
Bromine	81-2	77	73	77	76	2.55	cps
Cadmium	108-1	5541	5341	5498	5460	1.93	cps
Cadmium	106-1	8793	9323	8876	8997	3.17	cps
Cadmium	111-1	76904	75546	76926	76458	1.03	cps
Calcium	43-1	113655	120265	118323	117415	2.89	cps
Calcium	44-1	1706896	1726201	1756661	1729919	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156580	160235	157878	158231	1.17	cps
Cobalt	59-2	236444	238206	233863	236171	0.92	cps
Copper	63-2	1717658	1754419	1743395	1738491	1.09	cps
Dysprosium	156-1	60	83	93	79	21.68	cps
Dysprosium	156-2	30	30	43	34	22.34	cps
Erbium	164-1	33	40	33	36	10.83	cps
Erbium	164-2	47	30	27	34	31.11	cps
Gadolinium	160-1	20	40	77	46	63.09	cps
Gadolinium	160-2	163	213	187	188	13.32	cps
Holmium	165-1	5496492	5335829	5536010	5456110	1.94	cps
Holmium	165-2	4097897	4157335	4087527	4114253	0.92	cps
Indium	115-1	5002027	4869845	5069566	4980479	2.04	cps
Indium	115-2	1888987	1849608	1882424	1873673	1.13	cps
Iron	56-2	6715203	6681070	6712106	6702793	0.28	cps
Iron	57-2	175467	177356	177783	176869	0.70	cps
Iron	54-2	396493	394712	393310	394838	0.40	cps
Krypton	83-1	227	250	257	244	6.44	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:29:25	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	837181	825824	856174	839726	1.83	cps
Lead	207-1	702085	735118	730946	722716	2.49	cps
Lead	208-1	3434351	3562199	3566812	3521121	2.14	cps
Lithium	6-1	692607	727384	711987	710660	2.45	cps
Magnesium	24-2	1281741	1266930	1274560	1274410	0.58	cps
Manganese	55-2	1127120	1127253	1120754	1125042	0.33	cps
Molybdenum	94-1	1203088	1237810	1226843	1222580	1.45	cps
Molybdenum	95-1	1793050	1787301	1772376	1784242	0.60	cps
Molybdenum	96-1	1952233	1976852	1930497	1953194	1.19	cps
Molybdenum	97-1	1102076	1088307	1120486	1103623	1.46	cps
Molybdenum	98-1	2825711	2858563	2986337	2890204	2.94	cps
Neodymium	150-1	33	30	30	31	6.18	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	61328	61378	61522	61410	0.16	cps
Phosphorus	31-2	9530	9306	9623	9486	1.72	cps
Potassium	39-2	1039231	1042245	1027903	1036460	0.73	cps
Rhodium	103-1	4877650	4982569	5014571	4958264	1.44	cps
Rhodium	103-2	3170223	3126677	3117360	3138087	0.90	cps
Scandium	45-1	3456987	3583366	3570333	3536895	1.97	cps
Scandium	45-2	320823	316688	318260	318590	0.66	cps
Selenium	82-1	5550	5541	5619	5570	0.76	cps
Selenium	77-2	607	433	487	509	17.45	cps
Selenium	78-2	1950	2170	2104	2075	5.44	cps
Silicon	28-1	1622878	1614550	1612638	1616689	0.34	cps
Silver	107-1	382549	384927	384923	384133	0.36	cps
Silver	109-1	353319	367884	362540	361248	2.04	cps
Sodium	23-2	2232171	2193978	2226188	2217446	0.93	cps
Strontium	86-1	2660465	2752861	2669590	2694305	1.89	cps
Strontium	88-1	22741145	23617204	23049085	23135811	1.92	cps
Sulfur	34-1	261612	259644	260069	260442	0.40	cps
Terbium	159-1	5604934	5801867	5670072	5692291	1.76	cps
Terbium	159-2	4070966	4161734	4133850	4122184	1.13	cps
Thallium	203-1	205083	212037	211226	209449	1.82	cps
Thallium	205-1	482829	488514	491337	487560	0.89	cps
Tin	118-1	232451	243088	241660	239066	2.42	cps
Titanium	47-1	533559	526520	535404	531828	0.88	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:29:25	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	570149	572960	593151	578753	2.17	cps
Vanadium	51-2	139165	139610	140185	139654	0.37	cps
Yttrium	89-1	8971251	9136195	8992754	9033400	0.99	cps
Yttrium	89-2	2537357	2499700	2454282	2497113	1.67	cps
Zinc	66-2	281570	279371	280029	280323	0.40	cps
Zirconium	90-1	567212	559171	566179	564187	0.78	cps
Zirconium	91-1	123680	126785	128532	126332	1.95	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:32:34	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	416101	409786	409943	411944	0.87	cps
Antimony	121-1	753565	767960	770748	764091	1.21	cps
Arsenic	75-2	53656	52385	53011	53018	1.20	cps
Barium	135-1	903652	920455	925014	916374	1.23	cps
Barium	137-1	1623880	1692116	1669780	1661925	2.09	cps
Beryllium	9-1	124011	127662	127824	126499	1.70	cps
Bismuth	209-1	3264445	3240865	3258410	3254574	0.38	cps
Bismuth	209-2	2937114	3018052	2972099	2975755	1.36	cps
Bromine	81-1	5441	5734	5338	5504	3.74	cps
Bromine	81-2	53	60	73	62	16.37	cps
Cadmium	108-1	13380	14017	14020	13806	2.67	cps
Cadmium	106-1	20341	21352	21079	20924	2.50	cps
Cadmium	111-1	189842	192677	191174	191231	0.74	cps
Calcium	43-1	287928	289088	294526	290514	1.21	cps
Calcium	44-1	4224870	4325842	4405080	4318598	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	390451	398697	396522	395223	1.08	cps
Cobalt	59-2	590617	592684	587138	590146	0.47	cps
Copper	63-2	4422647	4393810	4414736	4410398	0.34	cps
Dysprosium	156-1	137	157	167	153	9.96	cps
Dysprosium	156-2	133	167	137	146	12.61	cps
Erbium	164-1	100	53	43	66	46.14	cps
Erbium	164-2	30	57	33	40	36.33	cps
Gadolinium	160-1	43	30	20	31	37.62	cps
Gadolinium	160-2	170	187	147	168	11.98	cps
Holmium	165-1	5611861	5564757	5685692	5620770	1.08	cps
Holmium	165-2	4199503	4266871	4297868	4254747	1.18	cps
Indium	115-1	5041985	5056788	5114972	5071248	0.76	cps
Indium	115-2	1897592	1941003	1927149	1921915	1.15	cps
Iron	56-2	16730268	16631026	16823284	16728193	0.57	cps
Iron	57-2	438484	441006	440609	440033	0.31	cps
Iron	54-2	987793	977159	979202	981385	0.58	cps
Krypton	83-1	237	237	223	232	3.31	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:32:34	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2302311	2406282	2427094	2378562	2.81	cps
Lead	207-1	2087154	2131668	2122635	2113819	1.11	cps
Lead	208-1	9388244	9702317	9563339	9551300	1.65	cps
Lithium	6-1	744375	756087	775388	758617	2.06	cps
Magnesium	24-2	3168652	3173168	3119177	3153666	0.95	cps
Manganese	55-2	2810979	2782130	2785411	2792840	0.57	cps
Molybdenum	94-1	3141358	3230226	3260343	3210642	1.93	cps
Molybdenum	95-1	4507660	4567401	4623390	4566150	1.27	cps
Molybdenum	96-1	4919464	4975938	4992169	4962524	0.77	cps
Molybdenum	97-1	2805615	2846678	2863369	2838554	1.05	cps
Molybdenum	98-1	7053489	7340476	7267443	7220469	2.07	cps
Neodymium	150-1	53	40	30	41	28.47	cps
Neodymium	150-2	20	7	13	13	49.99	cps
Nickel	60-2	152872	151120	151793	151928	0.58	cps
Phosphorus	31-2	23822	23461	23351	23545	1.05	cps
Potassium	39-2	2303047	2359761	2275959	2312922	1.85	cps
Rhodium	103-1	4940672	5060732	5019221	5006875	1.22	cps
Rhodium	103-2	3145468	3149503	3174276	3156416	0.49	cps
Scandium	45-1	3580395	3582006	3621764	3594722	0.65	cps
Scandium	45-2	321209	321299	320465	320991	0.14	cps
Selenium	82-1	13048	13142	13296	13162	0.95	cps
Selenium	77-2	1193	1360	1383	1312	7.90	cps
Selenium	78-2	4687	5008	4771	4822	3.44	cps
Silicon	28-1	3147725	3163497	3162337	3157853	0.28	cps
Silver	107-1	952593	973654	982239	969495	1.57	cps
Silver	109-1	894871	922853	928870	915531	1.98	cps
Sodium	23-2	5485574	5450483	5471289	5469115	0.32	cps
Strontium	86-1	6753112	6822527	6817393	6797677	0.57	cps
Strontium	88-1	58421432	59682066	59428246	59177248	1.13	cps
Sulfur	34-1	291328	291176	293329	291944	0.41	cps
Terbium	159-1	5801755	5857973	5831404	5830377	0.48	cps
Terbium	159-2	4174296	4216019	4201278	4197198	0.50	cps
Thallium	203-1	526654	533766	543432	534617	1.58	cps
Thallium	205-1	1233597	1253423	1259913	1248978	1.10	cps
Tin	118-1	592032	605679	610528	602746	1.59	cps
Titanium	47-1	1330757	1323231	1337333	1330440	0.53	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:32:34	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1473591	1498613	1513691	1495298	1.35	cps
Vanadium	51-2	356168	351259	354168	353865	0.70	cps
Yttrium	89-1	9219465	9471429	9229671	9306855	1.53	cps
Yttrium	89-2	2487913	2542884	2540096	2523631	1.23	cps
Zinc	66-2	699596	703110	700415	701040	0.26	cps
Zirconium	90-1	1412508	1452091	1438605	1434401	1.40	cps
Zirconium	91-1	312684	319455	320229	317456	1.31	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:35:35	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	781911	786049	783888	783950	0.26	cps
Antimony	121-1	1603940	1630822	1638067	1624276	1.11	cps
Arsenic	75-2	106445	106965	105633	106347	0.63	cps
Barium	135-1	1992275	1992631	2015158	2000021	0.66	cps
Barium	137-1	3425392	3403540	3423162	3417365	0.35	cps
Beryllium	9-1	255136	262778	264357	260757	1.89	cps
Bismuth	209-1	3286652	3352792	3341596	3327013	1.06	cps
Bismuth	209-2	2974722	2993765	3034140	3000875	1.01	cps
Bromine	81-1	5628	5458	5394	5493	2.20	cps
Bromine	81-2	63	67	57	62	8.18	cps
Cadmium	108-1	27710	28622	28695	28342	1.94	cps
Cadmium	106-1	41081	41713	41068	41287	0.89	cps
Cadmium	111-1	386794	388682	388994	388157	0.31	cps
Calcium	43-1	577661	586117	586657	583478	0.86	cps
Calcium	44-1	8660762	8640595	8738339	8679898	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	783781	778163	777594	779846	0.44	cps
Cobalt	59-2	1160540	1168630	1160061	1163077	0.41	cps
Copper	63-2	8611934	8687362	8595677	8631658	0.57	cps
Dysprosium	156-1	90	80	67	79	14.84	cps
Dysprosium	156-2	90	120	73	94	25.04	cps
Erbium	164-1	73	43	60	59	25.53	cps
Erbium	164-2	50	30	23	34	40.30	cps
Gadolinium	160-1	50	50	43	48	8.06	cps
Gadolinium	160-2	160	143	153	152	5.51	cps
Holmium	165-1	5713143	5692078	5691068	5698763	0.22	cps
Holmium	165-2	4330809	4365160	4311784	4335917	0.62	cps
Indium	115-1	5122442	5103041	5146565	5124016	0.43	cps
Indium	115-2	1911596	1906168	1916929	1911564	0.28	cps
Iron	56-2	32801557	33442624	33157905	33134028	0.97	cps
Iron	57-2	863452	871148	864866	866489	0.47	cps
Iron	54-2	1833945	1864647	1862612	1853735	0.93	cps
Krypton	83-1	277	313	253	281	10.76	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:35:35	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4960699	4944614	4952636	4952650	0.16	cps
Lead	207-1	4346111	4294502	4349448	4330020	0.71	cps
Lead	208-1	19483220	19615455	19727261	19608645	0.62	cps
Lithium	6-1	805147	804964	806879	805663	0.13	cps
Magnesium	24-2	6270014	6307206	6270353	6282524	0.34	cps
Manganese	55-2	5449034	5483331	5479879	5470748	0.35	cps
Molybdenum	94-1	6298583	6347032	6464451	6370022	1.34	cps
Molybdenum	95-1	9117118	9231913	9280395	9209808	0.91	cps
Molybdenum	96-1	10028766	9992512	10079331	10033536	0.43	cps
Molybdenum	97-1	5676123	5680850	5806927	5721300	1.30	cps
Molybdenum	98-1	14775053	14624271	14918522	14772615	1.00	cps
Neodymium	150-1	67	67	80	71	10.82	cps
Neodymium	150-2	13	40	17	23	62.27	cps
Nickel	60-2	297760	300867	299284	299304	0.52	cps
Phosphorus	31-2	46895	46297	46520	46571	0.65	cps
Potassium	39-2	4528378	4522102	4502167	4517549	0.30	cps
Rhodium	103-1	5104402	4999781	5018221	5040801	1.11	cps
Rhodium	103-2	3144924	3166943	3183102	3164989	0.61	cps
Scandium	45-1	3634727	3586715	3640473	3620638	0.82	cps
Scandium	45-2	319167	318279	318959	318802	0.15	cps
Selenium	82-1	26075	26772	26686	26511	1.43	cps
Selenium	77-2	2637	2570	2697	2635	2.41	cps
Selenium	78-2	9586	9136	9406	9376	2.42	cps
Silicon	28-1	6014038	6134893	6121708	6090213	1.09	cps
Silver	107-1	1989780	2043676	2044561	2026006	1.55	cps
Silver	109-1	1872027	1942441	1945805	1920091	2.17	cps
Sodium	23-2	10848694	10977303	10905923	10910640	0.59	cps
Strontium	86-1	13781652	13785007	14044198	13870285	1.09	cps
Strontium	88-1	119736835	120374665	120082992	120064830	0.27	cps
Sulfur	34-1	356924	353593	353697	354738	0.53	cps
Terbium	159-1	5961209	5957679	5938113	5952334	0.21	cps
Terbium	159-2	4238495	4242795	4281118	4254136	0.55	cps
Thallium	203-1	1080152	1100947	1108269	1096456	1.33	cps
Thallium	205-1	2916454	2928314	2879830	2908199	0.87	cps
Tin	118-1	1195522	1217885	1227967	1213792	1.37	cps
Titanium	47-1	2707901	2700591	2747869	2718787	0.94	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:35:35	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3476280	3531851	3652245	3553459	2.53	cps
Vanadium	51-2	696655	703434	703908	701332	0.58	cps
Yttrium	89-1	9474755	9301872	9469620	9415416	1.04	cps
Yttrium	89-2	2504916	2530510	2535580	2523669	0.65	cps
Zinc	66-2	1375534	1379041	1386883	1380486	0.42	cps
Zirconium	90-1	2898180	2935432	2990154	2941255	1.57	cps
Zirconium	91-1	627247	645081	646763	639697	1.69	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:38:27	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1511277	1520150	1490309	1507246	1.02	cps
Antimony	121-1	3227966	3296786	3271630	3265461	1.07	cps
Arsenic	75-2	210177	213041	209897	211038	0.82	cps
Barium	135-1	3928947	4017074	3972448	3972823	1.11	cps
Barium	137-1	6652051	6807227	6824178	6761152	1.40	cps
Beryllium	9-1	520305	536294	537923	531507	1.83	cps
Bismuth	209-1	3417871	3382991	3435104	3411989	0.78	cps
Bismuth	209-2	3110770	3113517	3008708	3077665	1.94	cps
Bromine	81-1	5624	5561	5531	5572	0.86	cps
Bromine	81-2	73	90	50	71	28.26	cps
Cadmium	108-1	56195	57008	57440	56881	1.11	cps
Cadmium	106-1	80233	82369	81038	81213	1.33	cps
Cadmium	111-1	763544	774202	781052	772932	1.14	cps
Calcium	43-1	1162941	1171181	1175317	1169813	0.54	cps
Calcium	44-1	17046826	17548797	17148852	17248158	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1550385	1534271	1519926	1534861	0.99	cps
Cobalt	59-2	2317877	2332885	2357042	2335935	0.85	cps
Copper	63-2	17183166	17132461	17023579	17113069	0.48	cps
Dysprosium	156-1	113	127	130	123	7.15	cps
Dysprosium	156-2	190	197	170	186	7.48	cps
Erbium	164-1	70	70	67	69	2.79	cps
Erbium	164-2	37	60	47	48	24.50	cps
Gadolinium	160-1	43	43	40	42	4.55	cps
Gadolinium	160-2	193	193	247	211	14.58	cps
Holmium	165-1	5779387	5824966	5849234	5817862	0.61	cps
Holmium	165-2	4529693	4422940	4319752	4424128	2.37	cps
Indium	115-1	5219937	5159515	5134603	5171352	0.85	cps
Indium	115-2	1909120	1938869	1870842	1906277	1.79	cps
Iron	56-2	65653234	65950336	65330034	65644535	0.47	cps
Iron	57-2	1652944	1670028	1632763	1651912	1.13	cps
Iron	54-2	3694553	3709796	3657738	3687362	0.73	cps
Krypton	83-1	290	207	273	257	17.18	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:38:27	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9841873	10272834	10027033	10047247	2.15	cps
Lead	207-1	8721500	8838298	8813638	8791145	0.70	cps
Lead	208-1	39453960	40520018	40173270	40049083	1.36	cps
Lithium	6-1	822922	836044	855650	838206	1.96	cps
Magnesium	24-2	12452309	12587357	12382351	12474006	0.84	cps
Manganese	55-2	10960625	10907709	10737927	10868754	1.07	cps
Molybdenum	94-1	12938761	13021361	12908807	12956310	0.45	cps
Molybdenum	95-1	18698384	18808410	18643740	18716844	0.45	cps
Molybdenum	96-1	20048177	20508730	20392206	20316371	1.18	cps
Molybdenum	97-1	11435487	11769504	11710635	11638542	1.53	cps
Molybdenum	98-1	29465668	30160483	29953710	29859954	1.19	cps
Neodymium	150-1	110	177	140	142	23.48	cps
Neodymium	150-2	50	27	50	42	31.90	cps
Nickel	60-2	593979	583520	592584	590027	0.96	cps
Phosphorus	31-2	90760	89869	90552	90394	0.52	cps
Potassium	39-2	8859741	8726620	8765275	8783879	0.78	cps
Rhodium	103-1	5073838	5072856	5101419	5082705	0.32	cps
Rhodium	103-2	3210735	3177610	3096114	3161486	1.87	cps
Scandium	45-1	3669608	3712589	3573654	3651950	1.95	cps
Scandium	45-2	324851	321584	315354	320596	1.51	cps
Selenium	82-1	51401	52536	52702	52213	1.36	cps
Selenium	77-2	5554	5134	5638	5442	4.96	cps
Selenium	78-2	18522	17944	17704	18057	2.33	cps
Silicon	28-1	11648128	11819218	11860320	11775889	0.96	cps
Silver	107-1	3954005	4118632	4125965	4066201	2.39	cps
Silver	109-1	3806769	3882149	3858143	3849020	1.00	cps
Sodium	23-2	21403507	22057596	21320370	21593824	1.87	cps
Strontium	86-1	27409983	28188373	27735550	27777968	1.41	cps
Strontium	88-1	236169783	244786056	245200136	242051992	2.11	cps
Sulfur	34-1	482227	485586	476594	481469	0.94	cps
Terbium	159-1	6043152	6119631	5954994	6039259	1.36	cps
Terbium	159-2	4369821	4528374	4312382	4403526	2.54	cps
Thallium	203-1	2488993	2566668	2544390	2533350	1.58	cps
Thallium	205-1	5819874	5943068	5936174	5899706	1.17	cps
Tin	118-1	2540910	2591660	2602835	2578469	1.28	cps
Titanium	47-1	5345600	5404752	5437792	5396048	0.87	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:38:27	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7231669	7497333	7295341	7341447	1.89	cps
Vanadium	51-2	1362594	1400852	1381207	1381551	1.38	cps
Yttrium	89-1	9544381	9606850	9616615	9589282	0.41	cps
Yttrium	89-2	2592817	2494385	2487164	2524789	2.34	cps
Zinc	66-2	2830935	2844096	2742851	2805961	1.96	cps
Zirconium	90-1	5814327	5900500	5888463	5867763	0.80	cps
Zirconium	91-1	1282704	1311670	1304478	1299618	1.16	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:41:15	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2975370	3039497	2991344	3002070	1.11	cps
Antimony	121-1	6337364	6585576	6683195	6535379	2.73	cps
Arsenic	75-2	413268	415440	414323	414344	0.26	cps
Barium	135-1	7779938	8014359	8011263	7935187	1.69	cps
Barium	137-1	13353942	13548953	13670908	13524601	1.18	cps
Beryllium	9-1	1036072	1068853	1016229	1040385	2.55	cps
Bismuth	209-1	3383865	3409713	3483492	3425690	1.51	cps
Bismuth	209-2	3024670	2997261	3024108	3015347	0.52	cps
Bromine	81-1	5611	5785	5244	5547	4.97	cps
Bromine	81-2	43	47	53	48	10.66	cps
Cadmium	108-1	108300	111061	112230	110530	1.83	cps
Cadmium	106-1	155354	158084	159873	157770	1.44	cps
Cadmium	111-1	1480707	1533799	1534157	1516221	2.03	cps
Calcium	43-1	2262468	2263292	2250284	2258682	0.32	cps
Calcium	44-1	33193937	34160100	34726503	34026847	2.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3016605	3012109	3007644	3012120	0.15	cps
Cobalt	59-2	4453454	4508384	4522487	4494775	0.81	cps
Copper	63-2	33272455	32880325	32970980	33041253	0.62	cps
Dysprosium	156-1	130	200	213	181	24.72	cps
Dysprosium	156-2	400	367	410	392	5.78	cps
Erbium	164-1	93	137	100	110	21.21	cps
Erbium	164-2	97	80	83	87	10.18	cps
Gadolinium	160-1	83	107	107	99	13.63	cps
Gadolinium	160-2	243	240	200	228	10.59	cps
Holmium	165-1	5790195	5934674	5893670	5872846	1.27	cps
Holmium	165-2	4406069	4372118	4407499	4395229	0.46	cps
Indium	115-1	4949505	5179311	5134637	5087818	2.39	cps
Indium	115-2	1849994	1833881	1823284	1835720	0.73	cps
Iron	56-2	130090541	129793141	128498448	129460710	0.65	cps
Iron	57-2	3244444	3279544	3266234	3263407	0.54	cps
Iron	54-2	7292473	7294557	7256175	7281068	0.30	cps
Krypton	83-1	240	263	253	252	4.64	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:41:15	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19964954	20442037	20502344	20303112	1.45	cps
Lead	207-1	17415926	17748880	18038283	17734363	1.76	cps
Lead	208-1	78651355	80983933	81950993	80528760	2.11	cps
Lithium	6-1	843553	860095	869488	857712	1.53	cps
Magnesium	24-2	24539343	24648730	24427107	24538393	0.45	cps
Manganese	55-2	21573034	21697624	21417970	21562876	0.65	cps
Molybdenum	94-1	25086314	26046542	26110286	25747714	2.23	cps
Molybdenum	95-1	36204394	37516494	37351975	37024288	1.93	cps
Molybdenum	96-1	38988839	40635616	41205210	40276555	2.86	cps
Molybdenum	97-1	22580975	23329773	23614669	23175139	2.30	cps
Molybdenum	98-1	58380187	59974832	60265264	59540095	1.70	cps
Neodymium	150-1	243	267	260	257	4.68	cps
Neodymium	150-2	43	57	70	57	23.53	cps
Nickel	60-2	1129345	1127466	1134004	1130272	0.30	cps
Phosphorus	31-2	176427	177260	175083	176257	0.62	cps
Potassium	39-2	17022065	17106746	16721096	16949969	1.20	cps
Rhodium	103-1	4934636	4977288	5066189	4992705	1.34	cps
Rhodium	103-2	3097377	3090885	3072270	3086844	0.42	cps
Scandium	45-1	3580339	3625576	3644621	3616845	0.91	cps
Scandium	45-2	313571	315497	311108	313392	0.70	cps
Selenium	82-1	100183	102831	102733	101916	1.47	cps
Selenium	77-2	10457	10330	10520	10436	0.93	cps
Selenium	78-2	34767	34998	34951	34906	0.35	cps
Silicon	28-1	21286204	21330558	21666406	21427722	0.97	cps
Silver	107-1	7865669	8019389	8023940	7969666	1.13	cps
Silver	109-1	7433192	7601156	7766682	7600343	2.19	cps
Sodium	23-2	42576522	42902510	42764228	42747753	0.38	cps
Strontium	86-1	54088204	55020941	55309406	54806184	1.16	cps
Strontium	88-1	464036900	483227953	487204953	478156602	2.59	cps
Sulfur	34-1	718024	724493	727642	723386	0.68	cps
Terbium	159-1	6033106	6058624	6125001	6072244	0.78	cps
Terbium	159-2	4468926	4352565	4339252	4386914	1.63	cps
Thallium	203-1	4921016	5138346	5157024	5072129	2.59	cps
Thallium	205-1	11796240	12031020	12259220	12028826	1.92	cps
Tin	118-1	4984195	5251320	5277742	5171086	3.14	cps
Titanium	47-1	10407898	10668702	10781635	10619412	1.81	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:41:15	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14727378	15099804	15359855	15062345	2.11	cps
Vanadium	51-2	2714561	2715147	2722664	2717458	0.17	cps
Yttrium	89-1	9430348	9476727	9680225	9529100	1.39	cps
Yttrium	89-2	2494304	2479844	2444469	2472872	1.04	cps
Zinc	66-2	5407338	5412413	5362487	5394079	0.51	cps
Zirconium	90-1	11579991	11889824	11928218	11799344	1.62	cps
Zirconium	91-1	2536807	2622434	2635515	2598252	2.06	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:44:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15002950	15243159	14992260	15079456	0.94	cps
Antimony	121-1	6088	5741	6068	5966	3.26	cps
Arsenic	75-2	217	213	227	219	3.17	cps
Barium	135-1	3320	3304	3277	3300	0.66	cps
Barium	137-1	5945	6118	5414	5826	6.29	cps
Beryllium	9-1	230	193	207	210	8.84	cps
Bismuth	209-1	3119594	3136826	3095369	3117263	0.67	cps
Bismuth	209-2	2775815	2796945	2796612	2789791	0.43	cps
Bromine	81-1	6115	5988	6058	6054	1.05	cps
Bromine	81-2	80	83	93	86	8.11	cps
Cadmium	108-1	50	70	57	59	17.29	cps
Cadmium	106-1	1700	1623	1493	1606	6.51	cps
Cadmium	111-1	1495	1441	1219	1385	10.56	cps
Calcium	43-1	9347320	9661705	9593192	9534072	1.73	cps
Calcium	44-1	153132031	157443848	157573171	156049683	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10090	9973	10921	10328	5.00	cps
Cobalt	59-2	12369	11658	12088	12038	2.97	cps
Copper	63-2	8289	8362	8239	8297	0.75	cps
Dysprosium	156-1	223	257	230	237	7.45	cps
Dysprosium	156-2	180	200	213	198	8.48	cps
Erbium	164-1	227	267	197	230	15.27	cps
Erbium	164-2	153	157	150	153	2.17	cps
Gadolinium	160-1	200	183	170	184	8.15	cps
Gadolinium	160-2	270	333	213	272	22.05	cps
Holmium	165-1	5802853	5789509	5676275	5756213	1.21	cps
Holmium	165-2	4348023	4373033	4368782	4363279	0.31	cps
Indium	115-1	4968465	4882167	4921098	4923910	0.88	cps
Indium	115-2	1851751	1820418	1830692	1834287	0.87	cps
Iron	56-2	619825391	621855244	625773604	622484746	0.49	cps
Iron	57-2	15725048	15743525	15668802	15712458	0.25	cps
Iron	54-2	34384089	34511007	34342345	34412480	0.26	cps
Krypton	83-1	277	260	253	263	4.56	cps

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:44:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5008	4564	4231	4601	8.47	cps
Lead	207-1	4294	3951	3694	3980	7.57	cps
Lead	208-1	19255	17518	16904	17893	6.82	cps
Lithium	6-1	832997	833762	833245	833335	0.05	cps
Magnesium	24-2	124199558	125185178	126025581	125136773	0.73	cps
Manganese	55-2	11881	11575	11645	11700	1.37	cps
Molybdenum	94-1	7185	6555	6115	6618	8.13	cps
Molybdenum	95-1	6898	6378	6061	6446	6.56	cps
Molybdenum	96-1	12636	11585	11455	11892	5.45	cps
Molybdenum	97-1	4357	3977	3777	4037	7.30	cps
Molybdenum	98-1	10831	9863	9276	9990	7.86	cps
Neodymium	150-1	130	120	83	111	22.12	cps
Neodymium	150-2	60	70	63	64	7.90	cps
Nickel	60-2	5434	5118	5318	5290	3.03	cps
Phosphorus	31-2	220	230	193	214	8.84	cps
Potassium	39-2	85413267	85701385	86447790	85854148	0.62	cps
Rhodium	103-1	4599562	4655513	4572578	4609218	0.92	cps
Rhodium	103-2	2931401	2927436	2920892	2926576	0.18	cps
Scandium	45-1	3620125	3554721	3640178	3605008	1.24	cps
Scandium	45-2	318032	320039	316572	318215	0.55	cps
Selenium	82-1	399	420	418	412	2.89	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	353	403	307	354	13.64	cps
Silicon	28-1	423131	418709	414463	418768	1.03	cps
Silver	107-1	1487	1257	1053	1266	17.13	cps
Silver	109-1	1347	1163	1053	1188	12.48	cps
Sodium	23-2	210127297	210833284	209802217	210254266	0.25	cps
Strontium	86-1	11681	10457	10337	10825	6.87	cps
Strontium	88-1	95985	87046	83392	88807	7.30	cps
Sulfur	34-1	210492	214618	215849	213653	1.31	cps
Terbium	159-1	6024131	5979536	5920050	5974572	0.87	cps
Terbium	159-2	4306749	4435165	4347495	4363136	1.50	cps
Thallium	203-1	1010	973	743	909	15.90	cps
Thallium	205-1	2157	1967	1723	1949	11.15	cps
Tin	118-1	3927	4067	3857	3951	2.71	cps
Titanium	47-1	1937	1700	1750	1796	6.95	cps

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 13:44:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1320	980	913	1071	20.36	cps
Vanadium	51-2	673	533	647	618	12.03	cps
Yttrium	89-1	9199414	9233404	9172059	9201626	0.33	cps
Yttrium	89-2	2520566	2485925	2513067	2506519	0.73	cps
Zinc	66-2	6101	6031	6121	6085	0.78	cps
Zirconium	90-1	7575	7075	6998	7216	4.34	cps
Zirconium	91-1	1653	1747	1543	1648	6.18	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:03:36	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82591	81398	82467	82152	0.80	cps
Antimony	121-1	1210079	1223968	1214693	1216247	0.58	cps
Arsenic	75-2	84921	84904	86195	85340	0.87	cps
Barium	135-1	141326	143912	142831	142690	0.91	cps
Barium	137-1	245872	244281	247222	245792	0.60	cps
Beryllium	9-1	101673	102851	104200	102908	1.23	cps
Bismuth	209-1	3193976	3288088	3212603	3231556	1.54	cps
Bismuth	209-2	2938509	2946209	3044088	2976269	1.98	cps
Bromine	81-1	5674	5434	5468	5526	2.35	cps
Bromine	81-2	97	63	70	77	23.01	cps
Cadmium	108-1	10064	10477	10374	10305	2.09	cps
Cadmium	106-1	15208	15061	15842	15370	2.70	cps
Cadmium	111-1	151478	153807	154106	153130	0.94	cps
Calcium	43-1	40213	40180	39478	39957	1.04	cps
Calcium	44-1	658094	668455	670350	665633	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	317002	312999	312961	314321	0.74	cps
Cobalt	59-2	470466	472426	471260	471384	0.21	cps
Copper	63-2	324080	323856	321217	323051	0.49	cps
Dysprosium	156-1	50	70	77	66	21.17	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	50	43	53	49	10.42	cps
Erbium	164-2	27	43	30	33	26.45	cps
Gadolinium	160-1	33	50	23	36	37.90	cps
Gadolinium	160-2	173	130	167	157	14.90	cps
Holmium	165-1	5521465	5629475	5514945	5555295	1.16	cps
Holmium	165-2	4174263	4232748	4199598	4202203	0.70	cps
Indium	115-1	5152311	5176536	4992680	5107175	1.96	cps
Indium	115-2	1920121	1915105	1915904	1917043	0.14	cps
Iron	56-2	5207166	5204590	5190206	5200654	0.18	cps
Iron	57-2	137566	136013	136564	136714	0.58	cps
Iron	54-2	311502	311815	310907	311408	0.15	cps
Krypton	83-1	210	280	197	229	19.56	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:03:36	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	713192	725033	728822	722349	1.13	cps
Lead	207-1	596718	603832	597013	599188	0.67	cps
Lead	208-1	2766112	2811054	2814700	2797289	0.97	cps
Lithium	6-1	771597	778803	772655	774352	0.50	cps
Magnesium	24-2	308800	307360	308766	308309	0.27	cps
Manganese	55-2	221338	221052	222252	221547	0.28	cps
Molybdenum	94-1	520	527	410	486	13.49	cps
Molybdenum	95-1	210	243	237	230	7.67	cps
Molybdenum	96-1	430	360	373	388	9.58	cps
Molybdenum	97-1	160	240	163	188	24.10	cps
Molybdenum	98-1	403	340	423	389	11.19	cps
Neodymium	150-1	13	10	17	13	25.01	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	121515	121538	122758	121937	0.58	cps
Phosphorus	31-2	140	133	140	138	2.79	cps
Potassium	39-2	808028	806566	805153	806582	0.18	cps
Rhodium	103-1	5019098	5020993	5082383	5040825	0.71	cps
Rhodium	103-2	3192716	3224385	3174820	3197307	0.79	cps
Scandium	45-1	3637194	3647466	3654725	3646462	0.24	cps
Scandium	45-2	323546	320860	324643	323016	0.60	cps
Selenium	82-1	21510	21454	21540	21501	0.20	cps
Selenium	77-2	2187	2350	2250	2262	3.64	cps
Selenium	78-2	7846	7996	7745	7862	1.60	cps
Silicon	28-1	382063	382650	381025	381913	0.22	cps
Silver	107-1	368027	374946	375916	372963	1.15	cps
Silver	109-1	347621	355191	353724	352179	1.14	cps
Sodium	23-2	912300	919043	913385	914909	0.40	cps
Strontium	86-1	1057	1033	1083	1058	2.37	cps
Strontium	88-1	5858	5865	5861	5861	0.06	cps
Sulfur	34-1	225566	218966	215010	219848	2.43	cps
Terbium	159-1	5876919	5857241	5789888	5841349	0.78	cps
Terbium	159-2	4164138	4187158	4237969	4196422	0.90	cps
Thallium	203-1	891825	916180	904755	904254	1.35	cps
Thallium	205-1	2390611	2414350	2416953	2407305	0.60	cps
Tin	118-1	1607	1533	1473	1538	4.34	cps
Titanium	47-1	197	173	220	197	11.86	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:03:36	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	63	53	52	22.41	cps
Vanadium	51-2	271663	272455	273829	272649	0.40	cps
Yttrium	89-1	9246331	9491513	9265307	9334384	1.46	cps
Yttrium	89-2	2524674	2527544	2494255	2515491	0.73	cps
Zinc	66-2	107950	108131	109327	108469	0.69	cps
Zirconium	90-1	913	1060	1000	991	7.44	cps
Zirconium	91-1	337	250	297	294	14.73	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:06:57	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1270	1253	1317	1280	2.57	cps
Antimony	121-1	1010	887	830	909	10.13	cps
Arsenic	75-2	13	13	3	10	57.75	cps
Barium	135-1	150	117	80	116	30.30	cps
Barium	137-1	170	220	213	201	13.50	cps
Beryllium	9-1	40	43	53	46	15.23	cps
Bismuth	209-1	3084089	3322428	3139407	3181974	3.92	cps
Bismuth	209-2	2894366	2889621	2862919	2882302	0.59	cps
Bromine	81-1	5691	5178	5398	5422	4.75	cps
Bromine	81-2	80	97	97	91	10.56	cps
Cadmium	108-1	7	3	20	10	88.20	cps
Cadmium	106-1	1457	1583	1427	1489	5.59	cps
Cadmium	111-1	1038	1129	1018	1062	5.58	cps
Calcium	43-1	507	573	573	551	6.98	cps
Calcium	44-1	21849	21763	22016	21876	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	803	887	773	821	7.15	cps
Cobalt	59-2	73	117	107	99	22.95	cps
Copper	63-2	740	857	863	820	8.46	cps
Dysprosium	156-1	40	50	50	47	12.37	cps
Dysprosium	156-2	13	0	17	10	88.20	cps
Erbium	164-1	10	43	50	34	62.22	cps
Erbium	164-2	43	17	13	24	67.26	cps
Gadolinium	160-1	40	17	20	26	49.38	cps
Gadolinium	160-2	157	173	197	176	11.44	cps
Holmium	165-1	5287676	5811794	5375309	5491593	5.11	cps
Holmium	165-2	4090615	3976446	4136461	4067841	2.03	cps
Indium	115-1	4864131	5199970	4943235	5002445	3.51	cps
Indium	115-2	1894093	1852441	1866369	1870968	1.13	cps
Iron	56-2	15351	14857	15024	15078	1.67	cps
Iron	57-2	3154	3087	3164	3135	1.33	cps
Iron	54-2	1767	1873	1933	1858	4.54	cps
Krypton	83-1	210	500	317	342	42.86	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:06:57	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	600	610	550	587	5.48	cps
Lead	207-1	467	553	457	492	10.80	cps
Lead	208-1	2230	2340	2233	2268	2.76	cps
Lithium	6-1	718517	785855	744206	749526	4.53	cps
Magnesium	24-2	800	817	797	804	1.33	cps
Manganese	55-2	393	407	477	426	10.52	cps
Molybdenum	94-1	560	767	477	601	24.84	cps
Molybdenum	95-1	150	180	143	158	12.38	cps
Molybdenum	96-1	243	287	240	257	10.14	cps
Molybdenum	97-1	80	100	63	81	22.64	cps
Molybdenum	98-1	167	177	157	167	6.00	cps
Neodymium	150-1	10	3	7	7	50.03	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	133	107	160	133	20.00	cps
Phosphorus	31-2	113	133	147	131	12.79	cps
Potassium	39-2	90356	90540	89481	90125	0.63	cps
Rhodium	103-1	4840279	5084997	4864685	4929987	2.73	cps
Rhodium	103-2	3134941	3113167	3097219	3115109	0.61	cps
Scandium	45-1	3428903	3735418	3509736	3558019	4.46	cps
Scandium	45-2	313836	311143	311111	312030	0.50	cps
Selenium	82-1	320	322	306	316	2.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	393	307	337	346	12.74	cps
Silicon	28-1	382470	407993	381218	390560	3.87	cps
Silver	107-1	277	260	240	259	7.09	cps
Silver	109-1	177	227	180	194	14.38	cps
Sodium	23-2	49185	48797	48383	48788	0.82	cps
Strontium	86-1	517	793	423	578	33.31	cps
Strontium	88-1	787	773	870	810	6.47	cps
Sulfur	34-1	216640	208425	213168	212744	1.94	cps
Terbium	159-1	5546726	5926753	5617797	5697092	3.55	cps
Terbium	159-2	4114604	4054799	4130189	4099864	0.97	cps
Thallium	203-1	330	360	277	322	13.10	cps
Thallium	205-1	727	730	580	679	12.62	cps
Tin	118-1	1310	1643	1373	1442	12.28	cps
Titanium	47-1	177	247	117	180	36.15	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:06:57	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	17	40	31	40.56	cps
Vanadium	51-2	33	37	27	32	15.80	cps
Yttrium	89-1	8895724	9326504	9128631	9116953	2.37	cps
Yttrium	89-2	2476372	2424874	2477611	2459619	1.22	cps
Zinc	66-2	1027	980	860	956	9.00	cps
Zirconium	90-1	1457	1667	1117	1413	19.64	cps
Zirconium	91-1	317	343	263	308	13.23	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:10:17	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13687669	13385826	13427593	13500363	1.21	cps
Antimony	121-1	7058	6952	7215	7075	1.87	cps
Arsenic	75-2	140	160	203	168	19.30	cps
Barium	135-1	2157	2044	2267	2156	5.18	cps
Barium	137-1	3504	3474	3901	3626	6.57	cps
Beryllium	9-1	343	330	313	329	4.57	cps
Bismuth	209-1	3235683	3314706	3261886	3270758	1.23	cps
Bismuth	209-2	3032683	3029665	2991286	3017878	0.76	cps
Bromine	81-1	5878	6228	6051	6052	2.89	cps
Bromine	81-2	77	110	167	118	38.63	cps
Cadmium	108-1	657	687	543	629	12.02	cps
Cadmium	106-1	1380	1380	1587	1449	8.24	cps
Cadmium	111-1	1393	1412	1627	1477	8.80	cps
Calcium	43-1	1863239	1876059	1888175	1875824	0.66	cps
Calcium	44-1	29929542	30708980	30535754	30391425	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60738	60186	60605	60510	0.48	cps
Cobalt	59-2	5584	5531	5628	5581	0.87	cps
Copper	63-2	23802	23869	24173	23948	0.82	cps
Dysprosium	156-1	43	63	53	53	18.75	cps
Dysprosium	156-2	23	33	10	22	52.68	cps
Erbium	164-1	37	53	37	42	22.78	cps
Erbium	164-2	50	40	33	41	20.41	cps
Gadolinium	160-1	47	73	63	61	22.04	cps
Gadolinium	160-2	237	267	170	224	22.05	cps
Holmium	165-1	5708434	5941727	5777500	5809220	2.06	cps
Holmium	165-2	4460018	4489813	4463773	4471201	0.36	cps
Indium	115-1	4957678	5195007	4973244	5041976	2.63	cps
Indium	115-2	1937385	1932226	1964290	1944634	0.89	cps
Iron	56-2	251211243	249963803	252258043	251144363	0.46	cps
Iron	57-2	6268938	6282324	6294469	6281910	0.20	cps
Iron	54-2	14057664	14081350	14014291	14051102	0.24	cps
Krypton	83-1	240	233	233	236	1.63	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:10:17	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16427	16170	16327	16308	0.79	cps
Lead	207-1	12536	13410	13210	13052	3.51	cps
Lead	208-1	59173	60659	61213	60348	1.75	cps
Lithium	6-1	781793	799731	806800	796108	1.62	cps
Magnesium	24-2	24151450	24005772	23876590	24011271	0.57	cps
Manganese	55-2	17817	17634	18058	17836	1.19	cps
Molybdenum	94-1	3686792	3577127	3627503	3630474	1.51	cps
Molybdenum	95-1	6381086	6338996	6257784	6325955	0.99	cps
Molybdenum	96-1	6795553	6752274	6639836	6729221	1.19	cps
Molybdenum	97-1	3953290	3918348	3843034	3904891	1.44	cps
Molybdenum	98-1	10066992	10228176	9954140	10083102	1.37	cps
Neodymium	150-1	27	43	30	33	26.45	cps
Neodymium	150-2	10	17	30	19	53.91	cps
Nickel	60-2	6488	6158	6608	6418	3.63	cps
Phosphorus	31-2	890193	878854	879608	882885	0.72	cps
Potassium	39-2	33665365	33184169	33199920	33349818	0.82	cps
Rhodium	103-1	4778311	5126842	4970411	4958521	3.52	cps
Rhodium	103-2	3143467	3216016	3170294	3176592	1.15	cps
Scandium	45-1	3422653	3725187	3659280	3602373	4.42	cps
Scandium	45-2	327486	326556	327208	327083	0.15	cps
Selenium	82-1	369	368	410	382	6.29	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	380	300	383	354	13.31	cps
Silicon	28-1	434447	434115	432816	433793	0.20	cps
Silver	107-1	733	650	520	634	16.95	cps
Silver	109-1	720	590	553	621	14.10	cps
Sodium	23-2	41266003	40703229	40233768	40734333	1.27	cps
Strontium	86-1	71416	71801	71838	71685	0.33	cps
Strontium	88-1	624319	624457	615032	621269	0.87	cps
Sulfur	34-1	2685945	2718287	2730160	2711464	0.84	cps
Terbium	159-1	5728018	6322742	6211638	6087466	5.19	cps
Terbium	159-2	4508752	4468419	4439559	4472243	0.78	cps
Thallium	203-1	640	747	707	698	7.72	cps
Thallium	205-1	1530	1763	1680	1658	7.13	cps
Tin	118-1	1990	2240	2307	2179	7.66	cps
Titanium	47-1	1874866	1903102	1917483	1898484	1.14	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:10:17	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	240	257	240	246	3.92	cps
Vanadium	51-2	460	490	427	459	6.90	cps
Yttrium	89-1	9060700	9789449	9555433	9468527	3.93	cps
Yttrium	89-2	2619503	2675289	2576091	2623628	1.90	cps
Zinc	66-2	6615	6842	6812	6756	1.82	cps
Zirconium	90-1	543	680	623	616	11.15	cps
Zirconium	91-1	150	127	147	141	8.94	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:13:24	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13660924	13843691	13723607	13742741	0.68	cps
Antimony	121-1	128710	132958	130889	130852	1.62	cps
Arsenic	75-2	8496	8492	8299	8429	1.34	cps
Barium	135-1	29724	30790	31628	30714	3.11	cps
Barium	137-1	52647	52798	53105	52850	0.44	cps
Beryllium	9-1	19789	20781	20527	20366	2.53	cps
Bismuth	209-1	3327922	3476145	3422617	3408895	2.20	cps
Bismuth	209-2	3078782	3103298	3051518	3077866	0.84	cps
Bromine	81-1	6291	6558	6812	6554	3.97	cps
Bromine	81-2	213	260	230	234	10.09	cps
Cadmium	108-1	2367	2594	2670	2544	6.20	cps
Cadmium	106-1	4451	4244	4241	4312	2.79	cps
Cadmium	111-1	30358	32088	31835	31427	2.97	cps
Calcium	43-1	1905371	1917987	1891782	1905047	0.69	cps
Calcium	44-1	30757068	31884015	30714490	31118524	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122348	122476	120467	121764	0.92	cps
Cobalt	59-2	96857	95643	95632	96044	0.73	cps
Copper	63-2	86555	85995	84993	85848	0.92	cps
Dysprosium	156-1	60	40	70	57	26.96	cps
Dysprosium	156-2	33	30	27	30	11.10	cps
Erbium	164-1	67	73	67	69	5.58	cps
Erbium	164-2	43	30	27	33	26.45	cps
Gadolinium	160-1	47	40	50	46	11.18	cps
Gadolinium	160-2	210	197	150	186	16.98	cps
Holmium	165-1	5884291	5969540	6162286	6005372	2.37	cps
Holmium	165-2	4535946	4550796	4513565	4533436	0.41	cps
Indium	115-1	5315364	5268982	5406055	5330133	1.31	cps
Indium	115-2	1999827	1975866	1999196	1991630	0.69	cps
Iron	56-2	257172290	258862876	258407783	258147649	0.34	cps
Iron	57-2	6386626	6386335	6419656	6397539	0.30	cps
Iron	54-2	14225874	14259890	14135189	14206985	0.45	cps
Krypton	83-1	273	273	257	268	3.59	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:13:24	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	92230	97328	97664	95741	3.18	cps
Lead	207-1	79038	78250	79393	78894	0.74	cps
Lead	208-1	364169	373801	367825	368598	1.32	cps
Lithium	6-1	775820	805599	813918	798445	2.51	cps
Magnesium	24-2	24015452	24574050	24334687	24308063	1.15	cps
Manganese	55-2	60953	62004	60862	61273	1.04	cps
Molybdenum	94-1	3612583	3751516	3865572	3743224	3.38	cps
Molybdenum	95-1	6181701	6500503	6579503	6420569	3.28	cps
Molybdenum	96-1	6688678	6941603	6971292	6867191	2.26	cps
Molybdenum	97-1	3881290	3996535	4037007	3971611	2.03	cps
Molybdenum	98-1	10064625	10209524	10338432	10204194	1.34	cps
Neodymium	150-1	33	37	37	36	5.42	cps
Neodymium	150-2	27	23	20	23	14.29	cps
Nickel	60-2	28915	30100	29242	29419	2.08	cps
Phosphorus	31-2	900747	904970	900308	902009	0.29	cps
Potassium	39-2	34118634	33928097	33929769	33992167	0.32	cps
Rhodium	103-1	5099875	4956954	5069786	5042205	1.49	cps
Rhodium	103-2	3206173	3244562	3216121	3222285	0.62	cps
Scandium	45-1	3820258	3820693	3694875	3778609	1.92	cps
Scandium	45-2	331056	333207	335590	333284	0.68	cps
Selenium	82-1	2447	2352	2447	2415	2.28	cps
Selenium	77-2	227	210	190	209	8.79	cps
Selenium	78-2	1160	1233	1067	1153	7.24	cps
Silicon	28-1	434933	442855	443101	440296	1.06	cps
Silver	107-1	139995	146458	145586	144013	2.44	cps
Silver	109-1	133714	135419	135426	134853	0.73	cps
Sodium	23-2	41269422	42067586	41762997	41700002	0.97	cps
Strontium	86-1	72876	75824	73496	74065	2.10	cps
Strontium	88-1	620709	637712	655573	637998	2.73	cps
Sulfur	34-1	2725647	2708066	2699322	2711011	0.49	cps
Terbium	159-1	6359695	6014104	6191885	6188561	2.79	cps
Terbium	159-2	4488661	4493223	4506574	4496153	0.21	cps
Thallium	203-1	97878	97516	98530	97975	0.52	cps
Thallium	205-1	229979	236787	229264	232010	1.79	cps
Tin	118-1	3007	2954	2937	2966	1.23	cps
Titanium	47-1	1931665	1984483	1954136	1956761	1.35	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:13:24	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	237	257	280	258	8.41	cps
Vanadium	51-2	54214	54689	54358	54420	0.45	cps
Yttrium	89-1	9810706	9842642	9757366	9803572	0.44	cps
Yttrium	89-2	2620383	2626709	2613129	2620074	0.26	cps
Zinc	66-2	18872	18542	18405	18606	1.29	cps
Zirconium	90-1	653	590	643	629	5.41	cps
Zirconium	91-1	127	153	157	146	11.30	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:16:30	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7353053	7357805	7229401	7313420	1.00	cps
Antimony	121-1	3048029	3063348	3144173	3085183	1.67	cps
Arsenic	75-2	216111	214352	215600	215354	0.42	cps
Barium	135-1	3730528	3776904	3836822	3781418	1.41	cps
Barium	137-1	6495863	6542404	6492564	6510277	0.43	cps
Beryllium	9-1	470679	481663	484148	478830	1.50	cps
Bismuth	209-1	3373230	3413522	3366674	3384475	0.75	cps
Bismuth	209-2	2970434	2997344	2957010	2974930	0.69	cps
Bromine	81-1	6321	6115	6208	6215	1.67	cps
Bromine	81-2	63	73	120	86	35.36	cps
Cadmium	108-1	54197	55884	56058	55380	1.86	cps
Cadmium	106-1	78635	80579	81651	80288	1.90	cps
Cadmium	111-1	756371	771622	778957	768983	1.50	cps
Calcium	43-1	4669621	4795543	4792800	4752655	1.51	cps
Calcium	44-1	74851814	75572627	77324959	75916467	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1458335	1462913	1476151	1465800	0.63	cps
Cobalt	59-2	2378254	2389148	2364727	2377376	0.51	cps
Copper	63-2	16649625	16782936	16838275	16756945	0.58	cps
Dysprosium	156-1	147	223	173	181	21.49	cps
Dysprosium	156-2	293	250	283	276	8.23	cps
Erbium	164-1	160	150	173	161	7.27	cps
Erbium	164-2	113	123	97	111	12.13	cps
Gadolinium	160-1	123	117	117	119	3.24	cps
Gadolinium	160-2	237	237	227	233	2.47	cps
Holmium	165-1	5905165	6019523	5955129	5959939	0.96	cps
Holmium	165-2	4446940	4468844	4443433	4453072	0.31	cps
Indium	115-1	5148048	5261184	5238043	5215758	1.15	cps
Indium	115-2	1888114	1888834	1898878	1891942	0.32	cps
Iron	56-2	308660789	311191182	310632002	310161324	0.43	cps
Iron	57-2	7853983	7822318	7792877	7823059	0.39	cps
Iron	54-2	17188256	17230822	16976278	17131785	0.80	cps
Krypton	83-1	223	257	260	247	8.22	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:16:30	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9167973	9529979	9430067	9376007	1.99	cps
Lead	207-1	8158183	8382838	8138412	8226477	1.65	cps
Lead	208-1	36967059	37627834	37446681	37347191	0.91	cps
Lithium	6-1	784280	784257	796020	788186	0.86	cps
Magnesium	24-2	60020241	60166391	58432024	59539552	1.62	cps
Manganese	55-2	10240372	10464325	10439174	10381290	1.18	cps
Molybdenum	94-1	12164742	12614926	12517047	12432238	1.90	cps
Molybdenum	95-1	17667108	17986664	17980797	17878190	1.02	cps
Molybdenum	96-1	19024002	19491991	19286611	19267534	1.22	cps
Molybdenum	97-1	10687396	10948215	11153973	10929861	2.14	cps
Molybdenum	98-1	27747379	28034993	28801340	28194570	1.93	cps
Neodymium	150-1	130	180	203	171	21.90	cps
Neodymium	150-2	53	73	90	72	25.42	cps
Nickel	60-2	581984	581142	580200	581109	0.15	cps
Phosphorus	31-2	86345	86248	85196	85929	0.74	cps
Potassium	39-2	41876279	41762819	41021407	41553501	1.12	cps
Rhodium	103-1	4805119	4879686	4997851	4894219	1.99	cps
Rhodium	103-2	3115553	3092534	3129537	3112541	0.60	cps
Scandium	45-1	3637152	3740337	3721922	3699803	1.49	cps
Scandium	45-2	329047	328551	325168	327589	0.64	cps
Selenium	82-1	51738	52290	53131	52386	1.34	cps
Selenium	77-2	5408	5651	5508	5522	2.22	cps
Selenium	78-2	18275	18799	18458	18511	1.44	cps
Silicon	28-1	21352744	21655686	21960722	21656384	1.40	cps
Silver	107-1	3906413	3973407	4028939	3969586	1.55	cps
Silver	109-1	3759497	3824473	3817672	3800547	0.94	cps
Sodium	23-2	100431725	100909442	100268235	100536467	0.33	cps
Strontium	86-1	25727682	26476820	26497840	26234114	1.67	cps
Strontium	88-1	223961383	232178863	232404397	229514881	2.10	cps
Sulfur	34-1	451523	447857	445276	448219	0.70	cps
Terbium	159-1	6235898	6169596	6254750	6220081	0.72	cps
Terbium	159-2	4365990	4383660	4441098	4396916	0.89	cps
Thallium	203-1	2340881	2370134	2351884	2354300	0.63	cps
Thallium	205-1	5380678	5617826	5655377	5551294	2.68	cps
Tin	118-1	2349547	2449506	2482628	2427227	2.85	cps
Titanium	47-1	5016761	5150125	5211911	5126266	1.95	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:16:30	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6874786	7028855	7106342	7003327	1.68	cps
Vanadium	51-2	1318220	1308498	1303828	1310182	0.56	cps
Yttrium	89-1	9633911	9776016	9844354	9751427	1.10	cps
Yttrium	89-2	2630523	2591154	2601196	2607624	0.78	cps
Zinc	66-2	2749836	2723737	2740047	2737873	0.48	cps
Zirconium	90-1	5545009	5795588	5709801	5683466	2.24	cps
Zirconium	91-1	1227778	1257140	1261864	1248928	1.48	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:19:19	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	707	760	767	744	4.42	cps
Antimony	121-1	2547	2480	2537	2521	1.43	cps
Arsenic	75-2	17	27	23	22	22.91	cps
Barium	135-1	410	240	187	279	41.82	cps
Barium	137-1	613	400	413	476	25.13	cps
Beryllium	9-1	97	73	73	81	16.61	cps
Bismuth	209-1	3507446	3578498	3493148	3526364	1.30	cps
Bismuth	209-2	3123007	3085566	3127149	3111907	0.74	cps
Bromine	81-1	5875	5858	5978	5903	1.10	cps
Bromine	81-2	117	70	103	97	24.87	cps
Cadmium	108-1	37	13	20	23	51.52	cps
Cadmium	106-1	1623	1527	1567	1572	3.09	cps
Cadmium	111-1	1267	1126	1153	1182	6.35	cps
Calcium	43-1	853	650	650	718	16.36	cps
Calcium	44-1	27235	24604	22901	24913	8.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	750	697	633	693	8.42	cps
Cobalt	59-2	140	123	103	122	15.02	cps
Copper	63-2	1270	1253	1177	1233	4.04	cps
Dysprosium	156-1	40	47	30	39	21.57	cps
Dysprosium	156-2	10	23	10	14	53.28	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	23	37	43	34	29.57	cps
Gadolinium	160-1	37	57	20	38	48.60	cps
Gadolinium	160-2	127	220	133	160	32.54	cps
Holmium	165-1	5994799	5982560	5863340	5946900	1.22	cps
Holmium	165-2	4406184	4342475	4398539	4382399	0.79	cps
Indium	115-1	5395017	5392066	5339664	5375582	0.58	cps
Indium	115-2	2007439	1944275	1950696	1967470	1.77	cps
Iron	56-2	26266	25225	24540	25344	3.43	cps
Iron	57-2	2910	3050	3047	3003	2.66	cps
Iron	54-2	2300	2184	2214	2232	2.71	cps
Krypton	83-1	257	247	237	247	4.05	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:19:19	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1460	1010	937	1136	24.95	cps
Lead	207-1	1247	1000	803	1017	21.85	cps
Lead	208-1	5664	4307	3780	4584	21.20	cps
Lithium	6-1	821595	814747	793857	810067	1.78	cps
Magnesium	24-2	3097	3060	2714	2957	7.15	cps
Manganese	55-2	727	753	600	693	11.82	cps
Molybdenum	94-1	1867	1407	1293	1522	19.95	cps
Molybdenum	95-1	2377	1833	1400	1870	26.17	cps
Molybdenum	96-1	2634	1947	1573	2051	26.22	cps
Molybdenum	97-1	1410	1070	927	1136	21.86	cps
Molybdenum	98-1	3547	2764	2384	2898	20.47	cps
Neodymium	150-1	10	13	13	12	15.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	203	177	143	174	17.23	cps
Phosphorus	31-2	173	143	177	164	11.16	cps
Potassium	39-2	99472	97278	96349	97700	1.64	cps
Rhodium	103-1	5263360	5279852	5181495	5241569	1.00	cps
Rhodium	103-2	3344182	3280915	3277073	3300723	1.14	cps
Scandium	45-1	3674597	3705063	3707740	3695800	0.50	cps
Scandium	45-2	320220	319197	314083	317833	1.03	cps
Selenium	82-1	352	320	288	320	9.99	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	353	320	303	326	7.82	cps
Silicon	28-1	361703	360596	354857	359052	1.02	cps
Silver	107-1	657	533	510	567	13.91	cps
Silver	109-1	647	573	403	541	23.07	cps
Sodium	23-2	65204	64313	64096	64538	0.91	cps
Strontium	86-1	2497	1693	1393	1861	30.65	cps
Strontium	88-1	18963	12452	8556	13324	39.46	cps
Sulfur	34-1	202763	202919	200480	202054	0.68	cps
Terbium	159-1	6256571	6216220	6141994	6204928	0.94	cps
Terbium	159-2	4402230	4307425	4408858	4372838	1.30	cps
Thallium	203-1	780	627	583	663	15.58	cps
Thallium	205-1	1780	1503	1300	1528	15.77	cps
Tin	118-1	5167	1840	1790	2933	66.00	cps
Titanium	47-1	687	483	477	549	21.75	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:19:19	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	587	323	263	391	43.98	cps
Vanadium	51-2	73	47	47	56	27.71	cps
Yttrium	89-1	9684366	9695174	9628205	9669249	0.37	cps
Yttrium	89-2	2643320	2543226	2506824	2564457	2.76	cps
Zinc	66-2	870	893	817	860	4.57	cps
Zirconium	90-1	1563	1287	1123	1325	16.79	cps
Zirconium	91-1	283	257	243	261	7.80	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-10	Instrumnet Name :	P7
Client Sample ID :	MYDB30	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:22:38	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5261791	5278255	5168017	5236021	1.14	cps
Antimony	121-1	12028	12085	13026	12380	4.53	cps
Arsenic	75-2	91486	91983	91171	91547	0.45	cps
Barium	135-1	459021	472082	478680	469927	2.13	cps
Barium	137-1	778782	793908	810515	794401	2.00	cps
Beryllium	9-1	1383	1500	1327	1403	6.30	cps
Bismuth	209-1	3372938	3483055	3251417	3369137	3.44	cps
Bismuth	209-2	2938321	2981361	2981028	2966903	0.83	cps
Bromine	81-1	7565	7642	7442	7550	1.34	cps
Bromine	81-2	510	447	593	517	14.24	cps
Cadmium	108-1	370	330	387	362	8.04	cps
Cadmium	106-1	2284	2127	2090	2167	4.74	cps
Cadmium	111-1	5790	5765	5877	5811	1.01	cps
Calcium	43-1	353832	355042	344509	351127	1.64	cps
Calcium	44-1	5313642	5647654	5548465	5503254	3.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115021	115193	114195	114803	0.46	cps
Cobalt	59-2	156268	157649	154023	155980	1.17	cps
Copper	63-2	537831	539380	544929	540713	0.69	cps
Dysprosium	156-1	42370	43296	44443	43370	2.39	cps
Dysprosium	156-2	38626	37858	38406	38297	1.03	cps
Erbium	164-1	35548	36511	35619	35893	1.49	cps
Erbium	164-2	26432	26118	26969	26506	1.62	cps
Gadolinium	160-1	41174	40692	41247	41038	0.73	cps
Gadolinium	160-2	32224	32137	32815	32392	1.14	cps
Holmium	165-1	5767625	5790863	5993655	5850714	2.13	cps
Holmium	165-2	4304826	4316111	4238391	4286443	0.98	cps
Indium	115-1	5151446	5137286	5342100	5210277	2.20	cps
Indium	115-2	1943242	1963577	1925454	1944091	0.98	cps
Iron	56-2	205556024	206885664	203678350	205373346	0.78	cps
Iron	57-2	5052722	5120559	5002718	5058666	1.17	cps
Iron	54-2	11245830	11250622	11212650	11236367	0.18	cps
Krypton	83-1	353	320	347	340	5.19	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-10	Instrumnet Name :	P7
Client Sample ID :	MYDB30	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:22:38	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	731057	750093	752420	744523	1.57	cps
Lead	207-1	673070	677060	687762	679297	1.12	cps
Lead	208-1	3039015	3212998	3005078	3085697	3.61	cps
Lithium	6-1	757670	776142	712473	748762	4.37	cps
Magnesium	24-2	3921545	3811482	3873228	3868752	1.43	cps
Manganese	55-2	5189871	5159211	5144292	5164458	0.45	cps
Molybdenum	94-1	23773	23352	22771	23299	2.16	cps
Molybdenum	95-1	3470	3864	3704	3679	5.38	cps
Molybdenum	96-1	8469	8513	9046	8676	3.70	cps
Molybdenum	97-1	2534	2290	2284	2369	6.01	cps
Molybdenum	98-1	5524	5811	6028	5788	4.36	cps
Neodymium	150-1	75933	77391	74516	75947	1.89	cps
Neodymium	150-2	47359	47182	46814	47118	0.59	cps
Nickel	60-2	52090	51893	51886	51956	0.22	cps
Phosphorus	31-2	31776	32468	31529	31924	1.52	cps
Potassium	39-2	3402688	3401257	3345933	3383293	0.96	cps
Rhodium	103-1	4961884	5108192	4966586	5012220	1.66	cps
Rhodium	103-2	3246544	3221736	3190576	3219619	0.87	cps
Scandium	45-1	3719119	3817063	3943259	3826481	2.94	cps
Scandium	45-2	344331	345965	341293	343863	0.69	cps
Selenium	82-1	431	508	543	494	11.69	cps
Selenium	77-2	207	207	177	197	8.81	cps
Selenium	78-2	550	487	533	523	6.27	cps
Silicon	28-1	26327405	26624656	27563484	26838515	2.40	cps
Silver	107-1	9470	8903	9390	9254	3.32	cps
Silver	109-1	8633	8669	8956	8753	2.03	cps
Sodium	23-2	180876	177915	180873	179888	0.95	cps
Strontium	86-1	153806	155729	160552	156696	2.22	cps
Strontium	88-1	1384756	1358421	1366103	1369760	0.99	cps
Sulfur	34-1	226195	224759	224136	225030	0.47	cps
Terbium	159-1	5919036	5907301	5875699	5900679	0.38	cps
Terbium	159-2	4327629	4296365	4290882	4304959	0.46	cps
Thallium	203-1	2444	2380	2764	2529	8.13	cps
Thallium	205-1	5725	5818	6846	6129	10.15	cps
Tin	118-1	15772	15392	15996	15720	1.94	cps
Titanium	47-1	774599	794967	815604	795057	2.58	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-10	Instrumnet Name :	P7
Client Sample ID :	MYDB30	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:22:38	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10794	10314	10234	10448	2.90	cps
Vanadium	51-2	288672	292471	290272	290472	0.66	cps
Yttrium	89-1	10164264	10576525	9865954	10202248	3.50	cps
Yttrium	89-2	2766890	2771862	2805281	2781344	0.75	cps
Zinc	66-2	387894	386736	389687	388106	0.38	cps
Zirconium	90-1	57797	58744	59815	58785	1.72	cps
Zirconium	91-1	12659	13083	13119	12954	1.98	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-11RE	Instrumnet Name :	P7
Client Sample ID :	MYDB31	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:25:52	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4184893	4156363	4159346	4166867	0.38	cps
Antimony	121-1	2630	2420	2917	2656	9.39	cps
Arsenic	75-2	15635	16005	15482	15707	1.71	cps
Barium	135-1	370798	238021	391242	333354	24.96	cps
Barium	137-1	647438	405713	645036	566062	24.53	cps
Beryllium	9-1	963	670	910	848	18.43	cps
Bismuth	209-1	3224216	5354033	3638146	4072131	27.73	cps
Bismuth	209-2	2925314	2985856	2955221	2955463	1.02	cps
Bromine	81-1	6862	6308	6905	6692	4.97	cps
Bromine	81-2	457	453	397	436	7.74	cps
Cadmium	108-1	90	53	107	83	32.75	cps
Cadmium	106-1	1730	2357	1703	1930	19.16	cps
Cadmium	111-1	2018	2213	2058	2096	4.90	cps
Calcium	43-1	244018	160572	245797	216796	22.46	cps
Calcium	44-1	3768799	2522430	4009890	3433707	23.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92948	90781	90560	91430	1.44	cps
Cobalt	59-2	132241	131676	132103	132006	0.22	cps
Copper	63-2	253799	257379	254471	255216	0.75	cps
Dysprosium	156-1	35725	23303	38493	32507	24.89	cps
Dysprosium	156-2	33149	33630	32845	33208	1.19	cps
Erbium	164-1	30720	20752	32431	27968	22.55	cps
Erbium	164-2	23476	22762	23400	23213	1.69	cps
Gadolinium	160-1	36661	22759	37009	32143	25.29	cps
Gadolinium	160-2	27781	28559	28028	28123	1.41	cps
Holmium	165-1	5668383	9351183	6442989	7154185	27.14	cps
Holmium	165-2	4295809	4278976	4206670	4260485	1.11	cps
Indium	115-1	5112168	8448617	5807918	6456234	27.26	cps
Indium	115-2	1950897	1920004	1932056	1934319	0.80	cps
Iron	56-2	144193418	147053274	146910768	146052487	1.10	cps
Iron	57-2	3654200	3568820	3659229	3627416	1.40	cps
Iron	54-2	8184046	8237535	8038929	8153504	1.26	cps
Krypton	83-1	270	1127	503	633	69.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-11RE	Instrumnet Name :	P7
Client Sample ID :	MYDB31	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:25:52	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	107238	72850	115129	98406	22.84	cps
Lead	207-1	94435	61001	94771	83402	23.26	cps
Lead	208-1	424102	278331	434231	378888	23.02	cps
Lithium	6-1	684917	1124609	761300	856942	27.42	cps
Magnesium	24-2	3277727	3313695	3298522	3296648	0.55	cps
Manganese	55-2	2766684	2807481	2754225	2776130	1.00	cps
Molybdenum	94-1	17844	12556	17771	16057	18.88	cps
Molybdenum	95-1	2320	1833	2627	2260	17.70	cps
Molybdenum	96-1	6538	4854	6635	6009	16.66	cps
Molybdenum	97-1	1407	1073	1527	1336	17.59	cps
Molybdenum	98-1	3681	2644	3801	3375	18.85	cps
Neodymium	150-1	65591	43119	65883	58198	22.44	cps
Neodymium	150-2	41487	41294	41157	41313	0.40	cps
Nickel	60-2	39522	39338	39291	39384	0.31	cps
Phosphorus	31-2	23315	23248	23395	23319	0.32	cps
Potassium	39-2	2022957	2031582	2083262	2045934	1.59	cps
Rhodium	103-1	5163476	8180602	5424247	6256108	26.72	cps
Rhodium	103-2	3221402	3211963	3232789	3222051	0.32	cps
Scandium	45-1	3739986	6040692	4264979	4681886	25.75	cps
Scandium	45-2	338284	335523	338419	337409	0.48	cps
Selenium	82-1	484	591	373	483	22.53	cps
Selenium	77-2	160	93	150	134	26.74	cps
Selenium	78-2	483	590	540	538	9.92	cps
Silicon	28-1	26819038	17600039	28297010	24238696	23.91	cps
Silver	107-1	1450	1247	1557	1418	11.11	cps
Silver	109-1	1333	980	1420	1245	18.73	cps
Sodium	23-2	148327	149895	149838	149353	0.60	cps
Strontium	86-1	108335	69666	109216	95739	23.59	cps
Strontium	88-1	940026	602476	932658	825053	23.37	cps
Sulfur	34-1	166931	143090	155128	155050	7.69	cps
Terbium	159-1	6108721	9773165	6413866	7431918	27.36	cps
Terbium	159-2	4179328	4358461	4210123	4249304	2.25	cps
Thallium	203-1	1983	2207	2270	2154	6.99	cps
Thallium	205-1	4744	5691	5605	5347	9.79	cps
Tin	118-1	9553	6575	9843	8657	20.90	cps
Titanium	47-1	752395	493140	777523	674353	23.35	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-11RE	Instrumnet Name :	P7
Client Sample ID :	MYDB31	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:25:52	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8486	5145	8169	7267	25.38	cps
Vanadium	51-2	272428	275248	275215	274297	0.59	cps
Yttrium	89-1	10061855	16004945	10746132	12270977	26.50	cps
Yttrium	89-2	2715636	2798679	2657144	2723820	2.61	cps
Zinc	66-2	88249	88007	87411	87889	0.49	cps
Zirconium	90-1	45450	29832	48192	41158	24.06	cps
Zirconium	91-1	10534	6789	10504	9275	23.22	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-12	Instrumnet Name :	P7
Client Sample ID :	MYDB32	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:29:04	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4804280	4708437	4759041	4757253	1.01	cps
Antimony	121-1	9036	9383	9493	9304	2.56	cps
Arsenic	75-2	79961	80255	80564	80260	0.38	cps
Barium	135-1	306050	311233	310340	309208	0.90	cps
Barium	137-1	523592	539159	534681	532477	1.51	cps
Beryllium	9-1	1050	1067	1220	1112	8.43	cps
Bismuth	209-1	3410254	3228316	3317911	3318827	2.74	cps
Bismuth	209-2	2976990	2950122	2952057	2959723	0.51	cps
Bromine	81-1	7088	6832	6885	6935	1.95	cps
Bromine	81-2	397	340	283	340	16.67	cps
Cadmium	108-1	267	287	203	252	17.25	cps
Cadmium	106-1	1763	1937	1833	1845	4.73	cps
Cadmium	111-1	3808	3979	3845	3877	2.32	cps
Calcium	43-1	250100	254357	259582	254680	1.86	cps
Calcium	44-1	3968948	3951414	3964341	3961568	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113702	114891	113043	113879	0.82	cps
Cobalt	59-2	135449	133246	132534	133743	1.14	cps
Copper	63-2	466916	465477	459484	463959	0.85	cps
Dysprosium	156-1	37878	37761	38636	38092	1.25	cps
Dysprosium	156-2	34730	34476	34088	34431	0.94	cps
Erbium	164-1	32718	32762	32421	32634	0.57	cps
Erbium	164-2	24011	24538	24224	24258	1.09	cps
Gadolinium	160-1	36501	37624	38022	37382	2.11	cps
Gadolinium	160-2	29197	28643	29197	29012	1.10	cps
Holmium	165-1	5679134	5752184	5799670	5743663	1.06	cps
Holmium	165-2	4245158	4289938	4272800	4269299	0.53	cps
Indium	115-1	5129734	5091808	5138691	5120078	0.49	cps
Indium	115-2	1918637	1916571	1908396	1914534	0.28	cps
Iron	56-2	194160784	193752190	193798724	193903899	0.12	cps
Iron	57-2	4836098	4827465	4725969	4796511	1.28	cps
Iron	54-2	10854308	10747711	10571757	10724592	1.33	cps
Krypton	83-1	327	303	290	307	6.05	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-12	Instrumnet Name :	P7
Client Sample ID :	MYDB32	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:29:04	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	498763	511144	509219	506375	1.32	cps
Lead	207-1	455159	461555	462451	459721	0.86	cps
Lead	208-1	2039163	2087877	2091537	2072859	1.41	cps
Lithium	6-1	700769	669366	671917	680684	2.56	cps
Magnesium	24-2	3542113	3493626	3521630	3519123	0.69	cps
Manganese	55-2	2775212	2769454	2817031	2787232	0.93	cps
Molybdenum	94-1	28525	29253	29493	29090	1.73	cps
Molybdenum	95-1	3224	3210	3137	3190	1.46	cps
Molybdenum	96-1	9210	9420	9236	9289	1.23	cps
Molybdenum	97-1	2077	1903	2147	2042	6.13	cps
Molybdenum	98-1	5018	5101	4928	5015	1.73	cps
Neodymium	150-1	70723	69842	71185	70583	0.97	cps
Neodymium	150-2	43895	42888	43256	43346	1.17	cps
Nickel	60-2	45840	44777	45091	45236	1.21	cps
Phosphorus	31-2	27912	27749	27865	27842	0.30	cps
Potassium	39-2	2437437	2392006	2387498	2405647	1.15	cps
Rhodium	103-1	5018466	4944111	4866667	4943081	1.54	cps
Rhodium	103-2	3214840	3202734	3187330	3201635	0.43	cps
Scandium	45-1	3727290	3782729	3744148	3751389	0.76	cps
Scandium	45-2	339251	335348	332117	335572	1.06	cps
Selenium	82-1	549	484	467	500	8.62	cps
Selenium	77-2	180	143	147	157	12.94	cps
Selenium	78-2	467	623	530	540	14.59	cps
Silicon	28-1	25052773	25326625	25750546	25376648	1.39	cps
Silver	107-1	5721	6085	6068	5958	3.44	cps
Silver	109-1	5381	5858	6101	5780	6.34	cps
Sodium	23-2	159608	157991	161180	159593	1.00	cps
Strontium	86-1	118739	120506	121094	120113	1.02	cps
Strontium	88-1	1038040	1101115	1104881	1081345	3.47	cps
Sulfur	34-1	156202	153956	150994	153718	1.70	cps
Terbium	159-1	5928368	5999270	5886552	5938064	0.96	cps
Terbium	159-2	4366967	4322860	4212470	4300765	1.85	cps
Thallium	203-1	2220	2420	2484	2375	5.79	cps
Thallium	205-1	5198	5798	6225	5740	8.99	cps
Tin	118-1	13277	12893	13246	13138	1.63	cps
Titanium	47-1	988092	993572	1011327	997664	1.22	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-12	Instrumnet Name :	P7
Client Sample ID :	MYDB32	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:29:04	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9961	10481	10374	10272	2.68	cps
Vanadium	51-2	326532	324895	324934	325454	0.29	cps
Yttrium	89-1	10462982	10159097	10073430	10231836	2.00	cps
Yttrium	89-2	2760450	2750636	2678582	2729889	1.64	cps
Zinc	66-2	296586	290702	291585	292958	1.08	cps
Zirconium	90-1	73088	73486	74806	73793	1.22	cps
Zirconium	91-1	16116	16196	16596	16303	1.58	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-10RE	Instrumnet Name :	P7
Client Sample ID :	MYDB30	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:32:20	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5209171	5181799	5247097	5212689	0.63	cps
Antimony	121-1	11375	11995	11795	11722	2.70	cps
Arsenic	75-2	92835	91805	91235	91958	0.88	cps
Barium	135-1	463466	472052	479883	471800	1.74	cps
Barium	137-1	780603	818839	816473	805305	2.66	cps
Beryllium	9-1	1243	1320	1363	1309	4.64	cps
Bismuth	209-1	3267234	3403157	3363053	3344481	2.09	cps
Bismuth	209-2	2989207	3017594	3030727	3012509	0.70	cps
Bromine	81-1	8146	7545	7962	7884	3.90	cps
Bromine	81-2	563	477	567	536	9.53	cps
Cadmium	108-1	310	393	333	346	12.44	cps
Cadmium	106-1	1930	2064	2080	2025	4.06	cps
Cadmium	111-1	5381	5446	5427	5418	0.62	cps
Calcium	43-1	350994	354899	352705	352866	0.55	cps
Calcium	44-1	5306429	5444575	5483802	5411602	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115740	115432	116295	115822	0.38	cps
Cobalt	59-2	157905	154945	157161	156670	0.98	cps
Copper	63-2	550073	545589	547178	547613	0.42	cps
Dysprosium	156-1	42060	43173	43367	42866	1.65	cps
Dysprosium	156-2	38419	38182	39007	38536	1.10	cps
Erbium	164-1	36030	36678	35602	36103	1.50	cps
Erbium	164-2	26896	26549	26104	26516	1.50	cps
Gadolinium	160-1	40899	41836	41826	41520	1.29	cps
Gadolinium	160-2	32611	32197	32277	32362	0.68	cps
Holmium	165-1	5550173	5813167	5889285	5750875	3.09	cps
Holmium	165-2	4332086	4302405	4349967	4328152	0.56	cps
Indium	115-1	5017981	5135734	5262195	5138637	2.38	cps
Indium	115-2	1936351	1937491	1936193	1936678	0.04	cps
Iron	56-2	204428777	203212370	202599450	203413533	0.46	cps
Iron	57-2	5014908	5048413	5048949	5037423	0.39	cps
Iron	54-2	11335663	11209577	11214871	11253370	0.63	cps
Krypton	83-1	297	373	290	320	14.47	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-10RE	Instrumnet Name :	P7
Client Sample ID :	MYDB30	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:32:20	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	731522	746995	756400	744972	1.69	cps
Lead	207-1	671490	688563	697527	685860	1.93	cps
Lead	208-1	3012656	3244981	3306492	3188043	4.86	cps
Lithium	6-1	677141	686429	675702	679757	0.86	cps
Magnesium	24-2	3798391	3815177	3868752	3827440	0.96	cps
Manganese	55-2	5180972	5146582	5062480	5130011	1.19	cps
Molybdenum	94-1	22424	22798	22891	22704	1.09	cps
Molybdenum	95-1	3510	3550	3567	3543	0.82	cps
Molybdenum	96-1	8352	8486	9040	8626	4.22	cps
Molybdenum	97-1	2130	2040	2180	2117	3.35	cps
Molybdenum	98-1	5008	5344	5241	5198	3.32	cps
Neodymium	150-1	76141	77740	78292	77391	1.44	cps
Neodymium	150-2	47112	47637	48025	47591	0.96	cps
Nickel	60-2	52659	52652	52217	52509	0.48	cps
Phosphorus	31-2	31536	31212	31873	31540	1.05	cps
Potassium	39-2	3415348	3446837	3468904	3443697	0.78	cps
Rhodium	103-1	4818664	5109700	5003167	4977177	2.96	cps
Rhodium	103-2	3271142	3255019	3221701	3249287	0.78	cps
Scandium	45-1	3621414	3839780	3820469	3760554	3.21	cps
Scandium	45-2	341144	341773	343245	342054	0.32	cps
Selenium	82-1	560	509	626	565	10.35	cps
Selenium	77-2	157	200	203	187	13.95	cps
Selenium	78-2	620	620	600	613	1.88	cps
Silicon	28-1	25664045	26358404	26666891	26229780	1.96	cps
Silver	107-1	8619	9050	8933	8867	2.51	cps
Silver	109-1	7896	8479	8753	8376	5.23	cps
Sodium	23-2	192438	190372	192124	191645	0.58	cps
Strontium	86-1	153489	158184	158589	156754	1.81	cps
Strontium	88-1	1376092	1385021	1404557	1388557	1.05	cps
Sulfur	34-1	181983	184671	181220	182625	0.99	cps
Terbium	159-1	5724412	6015982	6116326	5952240	3.42	cps
Terbium	159-2	4285325	4369671	4282545	4312514	1.15	cps
Thallium	203-1	2030	2157	2094	2094	3.03	cps
Thallium	205-1	5074	5208	4981	5088	2.24	cps
Tin	118-1	15328	15999	15879	15735	2.27	cps
Titanium	47-1	777111	804669	807339	796373	2.10	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-10RE	Instrumnet Name :	P7
Client Sample ID :	MYDB30	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:32:20	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10317	10441	10574	10444	1.23	cps
Vanadium	51-2	292610	289951	292427	291663	0.51	cps
Yttrium	89-1	10304999	10074815	10092258	10157358	1.26	cps
Yttrium	89-2	2785963	2779980	2740203	2768715	0.90	cps
Zinc	66-2	388574	389023	388224	388607	0.10	cps
Zirconium	90-1	54598	56308	56954	55953	2.18	cps
Zirconium	91-1	11922	12812	12769	12501	4.02	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-13	Instrumnet Name :	P7
Client Sample ID :	MYDB33	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:35:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5758657	5733028	5650571	5714085	0.99	cps
Antimony	121-1	6071	6235	6168	6158	1.33	cps
Arsenic	75-2	37086	37100	37908	37365	1.26	cps
Barium	135-1	398138	412814	421391	410781	2.86	cps
Barium	137-1	714664	697280	704792	705579	1.24	cps
Beryllium	9-1	1333	1230	1323	1296	4.40	cps
Bismuth	209-1	3352355	3429380	3443200	3408312	1.44	cps
Bismuth	209-2	2946729	3034889	3067855	3016491	2.08	cps
Bromine	81-1	7182	7655	7455	7431	3.20	cps
Bromine	81-2	430	450	487	456	6.31	cps
Cadmium	108-1	173	200	160	178	11.46	cps
Cadmium	106-1	1907	1820	1727	1818	4.95	cps
Cadmium	111-1	2864	2951	2957	2924	1.79	cps
Calcium	43-1	273847	284940	284485	281091	2.23	cps
Calcium	44-1	4280550	4510132	4620438	4470374	3.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119500	117984	118310	118598	0.67	cps
Cobalt	59-2	155935	156130	155821	155962	0.10	cps
Copper	63-2	393785	391521	396206	393837	0.59	cps
Dysprosium	156-1	43574	45132	45085	44597	1.99	cps
Dysprosium	156-2	40903	40562	40669	40711	0.43	cps
Erbium	164-1	35104	37965	38142	37070	4.60	cps
Erbium	164-2	26656	26903	27053	26870	0.75	cps
Gadolinium	160-1	42685	43310	43016	43004	0.73	cps
Gadolinium	160-2	33243	32808	32889	32980	0.70	cps
Holmium	165-1	5679630	5854571	5902858	5812353	2.02	cps
Holmium	165-2	4355381	4348442	4327396	4343740	0.34	cps
Indium	115-1	5124096	5236753	5258260	5206369	1.38	cps
Indium	115-2	1907136	1949621	1949374	1935377	1.26	cps
Iron	56-2	205925784	206375444	206121957	206141061	0.11	cps
Iron	57-2	5130603	5139650	5100533	5123595	0.40	cps
Iron	54-2	11532869	11402341	11328376	11421195	0.91	cps
Krypton	83-1	363	373	337	358	5.30	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-13	Instrumnet Name :	P7
Client Sample ID :	MYDB33	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:35:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	254799	265484	264114	261466	2.22	cps
Lead	207-1	234753	231754	232952	233153	0.65	cps
Lead	208-1	1031733	1055220	1050289	1045747	1.18	cps
Lithium	6-1	652129	717294	718456	695959	5.45	cps
Magnesium	24-2	3761811	3734549	3787225	3761195	0.70	cps
Manganese	55-2	3004411	3051352	2952810	3002858	1.64	cps
Molybdenum	94-1	27907	28858	28257	28341	1.70	cps
Molybdenum	95-1	2820	3054	2997	2957	4.12	cps
Molybdenum	96-1	8893	9106	8929	8976	1.27	cps
Molybdenum	97-1	1733	1883	1667	1761	6.30	cps
Molybdenum	98-1	4424	4471	4371	4422	1.13	cps
Neodymium	150-1	81044	85122	84139	83435	2.55	cps
Neodymium	150-2	51400	51336	51648	51461	0.32	cps
Nickel	60-2	45479	44864	43577	44640	2.17	cps
Phosphorus	31-2	20731	20360	19960	20350	1.89	cps
Potassium	39-2	2458587	2480762	2493584	2477644	0.71	cps
Rhodium	103-1	5257324	5122122	5153914	5177787	1.37	cps
Rhodium	103-2	3328128	3308671	3268388	3301729	0.92	cps
Scandium	45-1	3716064	3901666	3959852	3859194	3.30	cps
Scandium	45-2	346362	347135	343029	345509	0.63	cps
Selenium	82-1	396	408	521	442	15.65	cps
Selenium	77-2	227	207	187	207	9.68	cps
Selenium	78-2	523	470	530	508	6.48	cps
Silicon	28-1	22023464	22948410	22786147	22586007	2.19	cps
Silver	107-1	3080	3564	3464	3369	7.57	cps
Silver	109-1	2934	3034	3054	3007	2.14	cps
Sodium	23-2	151972	154409	153954	153445	0.84	cps
Strontium	86-1	157190	157163	157224	157192	0.02	cps
Strontium	88-1	1352136	1393719	1376884	1374246	1.52	cps
Sulfur	34-1	150987	146276	143751	147005	2.50	cps
Terbium	159-1	6265716	6113472	6029069	6136086	1.95	cps
Terbium	159-2	4364526	4321301	4321132	4335653	0.58	cps
Thallium	203-1	1583	1777	1647	1669	5.91	cps
Thallium	205-1	3837	3904	3911	3884	1.04	cps
Tin	118-1	13336	13123	13049	13169	1.13	cps
Titanium	47-1	884846	892085	896466	891132	0.66	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-13	Instrumnet Name :	P7
Client Sample ID :	MYDB33	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:35:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13036	12523	12753	12771	2.02	cps
Vanadium	51-2	344645	347077	345486	345736	0.36	cps
Yttrium	89-1	10139355	10663708	10659894	10487652	2.88	cps
Yttrium	89-2	2798564	2765667	2820800	2795010	0.99	cps
Zinc	66-2	170768	168766	169525	169686	0.60	cps
Zirconium	90-1	71346	73004	75058	73136	2.54	cps
Zirconium	91-1	16563	16389	16172	16375	1.19	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-14	Instrumnet Name :	P7
Client Sample ID :	MYDB34	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:38:47	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6694432	6684164	6744982	6707859	0.49	cps
Antimony	121-1	9640	9693	9713	9682	0.39	cps
Arsenic	75-2	77424	76784	78185	77464	0.91	cps
Barium	135-1	480371	488332	483911	484205	0.82	cps
Barium	137-1	830613	833155	838564	834111	0.49	cps
Beryllium	9-1	1667	1673	1607	1649	2.23	cps
Bismuth	209-1	3335893	3345924	3346195	3342671	0.18	cps
Bismuth	209-2	2944357	3008812	3019655	2990941	1.36	cps
Bromine	81-1	7302	7552	7502	7452	1.78	cps
Bromine	81-2	507	477	483	489	3.22	cps
Cadmium	108-1	293	310	213	272	18.98	cps
Cadmium	106-1	2127	2057	2013	2066	2.77	cps
Cadmium	111-1	3970	4033	4180	4061	2.65	cps
Calcium	43-1	306698	308228	315321	310082	1.48	cps
Calcium	44-1	4796056	4926395	4866230	4862893	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	151867	153664	151530	152354	0.75	cps
Cobalt	59-2	179932	179923	178572	179475	0.44	cps
Copper	63-2	579631	579497	578701	579276	0.09	cps
Dysprosium	156-1	59777	61430	60620	60609	1.36	cps
Dysprosium	156-2	53264	53923	54509	53899	1.16	cps
Erbium	164-1	49688	51080	50692	50487	1.42	cps
Erbium	164-2	35836	36224	37109	36390	1.79	cps
Gadolinium	160-1	58933	60932	59302	59722	1.78	cps
Gadolinium	160-2	45507	45176	44982	45222	0.59	cps
Holmium	165-1	5901276	5971103	5911017	5927799	0.64	cps
Holmium	165-2	4308352	4295809	4283590	4295917	0.29	cps
Indium	115-1	5216798	5360387	5239009	5272065	1.47	cps
Indium	115-2	1919741	1907637	1907864	1911747	0.36	cps
Iron	56-2	252484403	251088536	257136130	253569690	1.25	cps
Iron	57-2	6236353	6204566	6188741	6209887	0.39	cps
Iron	54-2	13804580	13838520	13838095	13827065	0.14	cps
Krypton	83-1	353	287	317	319	10.47	cps

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-14	Instrumnet Name :	P7
Client Sample ID :	MYDB34	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:38:47	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	447246	459091	457878	454738	1.43	cps
Lead	207-1	409500	416042	417702	414415	1.05	cps
Lead	208-1	1813384	1845640	1842846	1833957	0.97	cps
Lithium	6-1	686349	681069	675470	680963	0.80	cps
Magnesium	24-2	4198527	4255511	4249551	4234530	0.74	cps
Manganese	55-2	3218814	3238082	3273865	3243587	0.86	cps
Molybdenum	94-1	49935	50246	50634	50272	0.70	cps
Molybdenum	95-1	3984	3934	4121	4013	2.41	cps
Molybdenum	96-1	14094	14064	14190	14116	0.47	cps
Molybdenum	97-1	2450	2457	2334	2414	2.87	cps
Molybdenum	98-1	5791	6135	6028	5985	2.94	cps
Neodymium	150-1	112240	113126	112752	112706	0.39	cps
Neodymium	150-2	70100	69742	69105	69649	0.72	cps
Nickel	60-2	53278	52110	53013	52800	1.16	cps
Phosphorus	31-2	24546	24356	24543	24482	0.44	cps
Potassium	39-2	2397567	2456737	2392559	2415621	1.48	cps
Rhodium	103-1	5113297	5149141	5136369	5132936	0.35	cps
Rhodium	103-2	3235386	3216227	3251562	3234391	0.55	cps
Scandium	45-1	3844222	3908771	3861894	3871629	0.86	cps
Scandium	45-2	344176	343611	344546	344111	0.14	cps
Selenium	82-1	549	590	559	566	3.77	cps
Selenium	77-2	213	310	253	259	18.76	cps
Selenium	78-2	583	567	547	566	3.25	cps
Silicon	28-1	16680211	16869166	16917268	16822215	0.74	cps
Silver	107-1	5474	5468	5751	5564	2.91	cps
Silver	109-1	4834	5364	5248	5149	5.41	cps
Sodium	23-2	169960	168336	170025	169440	0.56	cps
Strontium	86-1	174594	175744	176638	175658	0.58	cps
Strontium	88-1	1528857	1582266	1601620	1570914	2.40	cps
Sulfur	34-1	151526	151412	151205	151381	0.11	cps
Terbium	159-1	6075824	6121677	6086508	6094670	0.39	cps
Terbium	159-2	4359925	4353147	4346425	4353166	0.16	cps
Thallium	203-1	1707	1733	1677	1706	1.66	cps
Thallium	205-1	3881	4064	4071	4005	2.69	cps
Tin	118-1	14731	15131	14888	14917	1.35	cps
Titanium	47-1	853494	868992	889747	870744	2.09	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-14	Instrumnet Name :	P7
Client Sample ID :	MYDB34	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:38:47	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15369	15392	15606	15456	0.84	cps
Vanadium	51-2	452196	447079	451389	450221	0.61	cps
Yttrium	89-1	10416554	10502140	10471964	10463553	0.41	cps
Yttrium	89-2	2819219	2808655	2799657	2809177	0.35	cps
Zinc	66-2	277490	276647	274098	276078	0.64	cps
Zirconium	90-1	129849	134362	134648	132953	2.02	cps
Zirconium	91-1	29012	29042	30208	29421	2.32	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-11	Instrumnet Name :	P7
Client Sample ID :	MYDB31	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:42:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4134534	4088900	4083875	4102436	0.68	cps
Antimony	121-1	2564	2450	2450	2488	2.63	cps
Arsenic	75-2	16049	15371	15622	15681	2.18	cps
Barium	135-1	372760	380685	383040	378828	1.42	cps
Barium	137-1	669374	677478	668335	671729	0.75	cps
Beryllium	9-1	1027	973	993	998	2.70	cps
Bismuth	209-1	3327527	3302053	3360410	3329996	0.88	cps
Bismuth	209-2	3011580	2952411	2980070	2981354	0.99	cps
Bromine	81-1	6932	7108	7285	7108	2.49	cps
Bromine	81-2	413	377	483	424	12.77	cps
Cadmium	108-1	93	117	113	108	11.71	cps
Cadmium	106-1	1813	1730	1747	1763	2.50	cps
Cadmium	111-1	2057	1996	2037	2030	1.54	cps
Calcium	43-1	244433	247358	251462	247751	1.43	cps
Calcium	44-1	3805501	3849483	3965287	3873423	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91546	90412	89510	90489	1.13	cps
Cobalt	59-2	133111	130751	133805	132556	1.21	cps
Copper	63-2	257292	252685	256473	255483	0.96	cps
Dysprosium	156-1	36902	37707	38122	37577	1.65	cps
Dysprosium	156-2	33734	33279	33303	33439	0.77	cps
Erbium	164-1	31462	31906	32324	31898	1.35	cps
Erbium	164-2	23423	22582	23072	23026	1.84	cps
Gadolinium	160-1	36761	38379	39081	38074	3.12	cps
Gadolinium	160-2	28446	28693	28850	28663	0.71	cps
Holmium	165-1	5692574	5814215	5761792	5756193	1.06	cps
Holmium	165-2	4336394	4268892	4241460	4282249	1.14	cps
Indium	115-1	5017540	5132674	5171430	5107215	1.57	cps
Indium	115-2	1941581	1904787	1914810	1920393	0.99	cps
Iron	56-2	145660328	144271865	144872141	144934778	0.48	cps
Iron	57-2	3597985	3616570	3607354	3607303	0.26	cps
Iron	54-2	8022165	7941049	7959183	7974132	0.53	cps
Krypton	83-1	307	340	303	317	6.40	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-11	Instrumnet Name :	P7
Client Sample ID :	MYDB31	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:42:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	110686	112763	113411	112286	1.27	cps
Lead	207-1	98386	99198	98712	98765	0.41	cps
Lead	208-1	437017	441358	448830	442402	1.35	cps
Lithium	6-1	656866	650983	664786	657545	1.05	cps
Magnesium	24-2	3273381	3266718	3214107	3251402	1.00	cps
Manganese	55-2	2739940	2709017	2732232	2727063	0.59	cps
Molybdenum	94-1	18121	18428	18221	18257	0.86	cps
Molybdenum	95-1	2244	2470	2314	2342	4.96	cps
Molybdenum	96-1	6642	6578	6805	6675	1.75	cps
Molybdenum	97-1	1463	1337	1343	1381	5.16	cps
Molybdenum	98-1	3440	3580	3527	3516	2.01	cps
Neodymium	150-1	66569	68110	68361	67680	1.43	cps
Neodymium	150-2	41875	41591	41250	41572	0.75	cps
Nickel	60-2	39545	39068	38667	39093	1.13	cps
Phosphorus	31-2	23942	22967	23635	23515	2.12	cps
Potassium	39-2	1995666	2002307	1991317	1996430	0.28	cps
Rhodium	103-1	5253096	5299397	5045187	5199227	2.60	cps
Rhodium	103-2	3240123	3206524	3249562	3232070	0.70	cps
Scandium	45-1	3624595	3594409	3782280	3667095	2.75	cps
Scandium	45-2	327647	330468	328240	328785	0.45	cps
Selenium	82-1	403	337	407	382	10.34	cps
Selenium	77-2	140	160	157	152	7.04	cps
Selenium	78-2	493	473	497	488	2.59	cps
Silicon	28-1	26983073	28106896	27324360	27471443	2.10	cps
Silver	107-1	1397	1343	1443	1395	3.59	cps
Silver	109-1	1253	1313	1440	1336	7.14	cps
Sodium	23-2	162049	162049	163226	162442	0.42	cps
Strontium	86-1	111269	113080	108627	110992	2.02	cps
Strontium	88-1	953159	957426	980259	963615	1.51	cps
Sulfur	34-1	144465	141992	139527	141995	1.74	cps
Terbium	159-1	6322028	6302763	6057929	6227573	2.36	cps
Terbium	159-2	4297022	4293981	4293737	4294913	0.04	cps
Thallium	203-1	1197	1140	1147	1161	2.67	cps
Thallium	205-1	2507	2497	2700	2568	4.46	cps
Tin	118-1	10067	9970	10057	10031	0.53	cps
Titanium	47-1	758387	776757	759685	764943	1.34	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-11	Instrumnet Name :	P7
Client Sample ID :	MYDB31	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:42:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8946	8620	8996	8854	2.31	cps
Vanadium	51-2	274424	270607	271394	272142	0.74	cps
Yttrium	89-1	10073169	10002532	10003983	10026561	0.40	cps
Yttrium	89-2	2710794	2712669	2739144	2720869	0.58	cps
Zinc	66-2	88118	86287	87411	87272	1.06	cps
Zirconium	90-1	45855	45550	46701	46035	1.29	cps
Zirconium	91-1	10404	10547	10607	10519	0.99	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-15	Instrumnet Name :	P7
Client Sample ID :	MYDB35	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:46:08	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5123323	5098593	5041084	5087667	0.83	cps
Antimony	121-1	10264	10174	10391	10276	1.06	cps
Arsenic	75-2	78724	77829	78087	78213	0.59	cps
Barium	135-1	523322	526930	528322	526191	0.49	cps
Barium	137-1	886597	905999	904806	899134	1.21	cps
Beryllium	9-1	1243	1180	1137	1187	4.52	cps
Bismuth	209-1	3418579	3398433	3418454	3411822	0.34	cps
Bismuth	209-2	2660032	2967687	3019675	2882465	6.74	cps
Bromine	81-1	7549	7592	7475	7539	0.78	cps
Bromine	81-2	550	547	510	536	4.14	cps
Cadmium	108-1	343	413	377	378	9.27	cps
Cadmium	106-1	2043	2070	2100	2071	1.37	cps
Cadmium	111-1	5407	5474	5484	5455	0.76	cps
Calcium	43-1	388828	399909	401358	396698	1.73	cps
Calcium	44-1	6257864	6246410	6235198	6246491	0.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132550	132856	130520	131975	0.96	cps
Cobalt	59-2	160718	161870	158828	160472	0.96	cps
Copper	63-2	524785	521910	516943	521213	0.76	cps
Dysprosium	156-1	44744	45744	44932	45140	1.18	cps
Dysprosium	156-2	39201	39569	39301	39357	0.48	cps
Erbium	164-1	37286	38821	38423	38177	2.09	cps
Erbium	164-2	27360	27330	27150	27280	0.42	cps
Gadolinium	160-1	43146	43959	44504	43870	1.56	cps
Gadolinium	160-2	34202	33183	33423	33602	1.59	cps
Holmium	165-1	5871918	5861739	5806818	5846825	0.60	cps
Holmium	165-2	3791955	4228612	4296495	4105687	6.67	cps
Indium	115-1	5260173	5305242	5243968	5269794	0.60	cps
Indium	115-2	1668008	1888073	1910200	1822094	7.35	cps
Iron	56-2	194919270	194413824	193179570	194170888	0.46	cps
Iron	57-2	4875200	4887820	4888985	4884002	0.16	cps
Iron	54-2	11031646	10734232	10734673	10833517	1.58	cps
Krypton	83-1	320	320	257	299	12.23	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-15	Instrumnet Name :	P7
Client Sample ID :	MYDB35	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:46:08	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	635996	638398	635269	636554	0.26	cps
Lead	207-1	582154	586914	589347	586138	0.62	cps
Lead	208-1	2554066	2591148	2595234	2580149	0.88	cps
Lithium	6-1	690546	678978	656304	675276	2.58	cps
Magnesium	24-2	3795280	3741862	3772482	3769875	0.71	cps
Manganese	55-2	4448121	4399709	4365489	4404439	0.94	cps
Molybdenum	94-1	24815	25382	25412	25203	1.34	cps
Molybdenum	95-1	3564	3477	3607	3549	1.87	cps
Molybdenum	96-1	9146	9266	8976	9130	1.60	cps
Molybdenum	97-1	2050	2160	2084	2098	2.69	cps
Molybdenum	98-1	5028	5291	5108	5142	2.63	cps
Neodymium	150-1	79120	80109	78041	79090	1.31	cps
Neodymium	150-2	49329	48396	48413	48713	1.10	cps
Nickel	60-2	54000	53351	54612	53988	1.17	cps
Phosphorus	31-2	29655	29138	29555	29450	0.93	cps
Potassium	39-2	3460131	3389893	3387545	3412523	1.21	cps
Rhodium	103-1	5092910	5071593	5106700	5090401	0.35	cps
Rhodium	103-2	2827993	3174557	3254492	3085681	7.35	cps
Scandium	45-1	3832983	3753608	3761568	3782720	1.16	cps
Scandium	45-2	296308	332165	333241	320571	6.56	cps
Selenium	82-1	547	574	616	579	6.05	cps
Selenium	77-2	190	223	150	188	19.55	cps
Selenium	78-2	500	540	597	546	8.90	cps
Silicon	28-1	22887615	23194865	22940264	23007582	0.71	cps
Silver	107-1	7595	7825	7689	7703	1.50	cps
Silver	109-1	6985	7259	7189	7144	1.99	cps
Sodium	23-2	167993	168781	166247	167673	0.77	cps
Strontium	86-1	176462	177461	177367	177096	0.31	cps
Strontium	88-1	1548927	1584401	1580762	1571363	1.24	cps
Sulfur	34-1	243687	248628	246641	246319	1.01	cps
Terbium	159-1	6098094	6013109	6059056	6056753	0.70	cps
Terbium	159-2	3783265	4281175	4250981	4105140	6.80	cps
Thallium	203-1	1583	1593	1537	1571	1.93	cps
Thallium	205-1	3627	3514	3514	3552	1.84	cps
Tin	118-1	21162	21222	21389	21258	0.55	cps
Titanium	47-1	806412	820359	823643	816805	1.12	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-15	Instrumnet Name :	P7
Client Sample ID :	MYDB35	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:46:08	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11365	11909	11565	11613	2.37	cps
Vanadium	51-2	319262	313536	314576	315792	0.97	cps
Yttrium	89-1	10348037	10245399	10158999	10250812	0.92	cps
Yttrium	89-2	2446125	2658269	2763482	2622626	6.16	cps
Zinc	66-2	380473	374292	372699	375821	1.09	cps
Zirconium	90-1	63068	64943	65100	64370	1.76	cps
Zirconium	91-1	14684	14404	14414	14501	1.10	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-16	Instrumnet Name :	P7
Client Sample ID :	MYDB36	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:49:20	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4896747	4913347	4941237	4917110	0.46	cps
Antimony	121-1	5564	5998	5795	5786	3.75	cps
Arsenic	75-2	43196	43798	42711	43235	1.26	cps
Barium	135-1	428596	435901	440172	434890	1.35	cps
Barium	137-1	735850	748951	746608	743803	0.94	cps
Beryllium	9-1	1220	1210	1340	1257	5.76	cps
Bismuth	209-1	3401701	3350774	3369650	3374041	0.76	cps
Bismuth	209-2	3004878	3021215	2965668	2997254	0.95	cps
Bromine	81-1	6928	7252	6958	7046	2.54	cps
Bromine	81-2	420	383	403	402	4.56	cps
Cadmium	108-1	297	307	310	304	2.28	cps
Cadmium	106-1	1910	2117	2044	2023	5.18	cps
Cadmium	111-1	4453	4748	4511	4570	3.41	cps
Calcium	43-1	244764	252331	246105	247733	1.63	cps
Calcium	44-1	3768745	3880848	3892344	3847312	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106100	104392	106292	105594	0.99	cps
Cobalt	59-2	152026	152446	153221	152564	0.40	cps
Copper	63-2	817009	821024	815517	817850	0.35	cps
Dysprosium	156-1	43019	43200	43668	43295	0.77	cps
Dysprosium	156-2	37921	38593	39218	38577	1.68	cps
Erbium	164-1	35492	37076	36006	36191	2.23	cps
Erbium	164-2	26158	26438	26465	26354	0.65	cps
Gadolinium	160-1	41759	42952	41980	42230	1.50	cps
Gadolinium	160-2	31729	32762	32331	32274	1.61	cps
Holmium	165-1	5749725	5819743	5783085	5784184	0.61	cps
Holmium	165-2	4287822	4207986	4259418	4251742	0.95	cps
Indium	115-1	5095645	5162090	5247317	5168351	1.47	cps
Indium	115-2	1893826	1908698	1906958	1903160	0.43	cps
Iron	56-2	173970871	174022557	174092444	174028624	0.04	cps
Iron	57-2	4354871	4362186	4339691	4352249	0.26	cps
Iron	54-2	9772588	9703582	9730356	9735508	0.36	cps
Krypton	83-1	277	287	360	308	14.78	cps

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-16	Instrumnet Name :	P7
Client Sample ID :	MYDB36	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:49:20	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	324996	328932	328024	327317	0.63	cps
Lead	207-1	288772	292233	294169	291725	0.94	cps
Lead	208-1	1296201	1310770	1315461	1307477	0.77	cps
Lithium	6-1	647287	652236	648776	649433	0.39	cps
Magnesium	24-2	3387141	3325355	3339266	3350587	0.97	cps
Manganese	55-2	3285427	3380564	3316597	3327529	1.46	cps
Molybdenum	94-1	36308	36749	36622	36560	0.62	cps
Molybdenum	95-1	2757	2544	2567	2622	4.46	cps
Molybdenum	96-1	10220	9890	9890	10000	1.91	cps
Molybdenum	97-1	1520	1503	1630	1551	4.44	cps
Molybdenum	98-1	3994	3894	3917	3935	1.33	cps
Neodymium	150-1	78005	78832	79295	78710	0.83	cps
Neodymium	150-2	48841	47948	48761	48516	1.02	cps
Nickel	60-2	44208	43974	44984	44389	1.19	cps
Phosphorus	31-2	18551	18708	18708	18656	0.49	cps
Potassium	39-2	2042933	2062558	2036373	2047288	0.67	cps
Rhodium	103-1	4911407	5014747	5073681	4999945	1.64	cps
Rhodium	103-2	3181645	3188400	3211174	3193740	0.48	cps
Scandium	45-1	3654122	3737352	3649077	3680184	1.35	cps
Scandium	45-2	327984	331160	328756	329300	0.50	cps
Selenium	82-1	531	490	426	482	10.90	cps
Selenium	77-2	173	157	197	176	11.44	cps
Selenium	78-2	517	477	520	504	4.78	cps
Silicon	28-1	22145771	22578329	22582850	22435650	1.12	cps
Silver	107-1	4404	4651	4587	4547	2.82	cps
Silver	109-1	4104	4321	4304	4243	2.84	cps
Sodium	23-2	159261	158356	158318	158645	0.34	cps
Strontium	86-1	139286	141285	140551	140374	0.72	cps
Strontium	88-1	1204604	1229843	1227400	1220616	1.14	cps
Sulfur	34-1	144889	141097	140812	142266	1.60	cps
Terbium	159-1	6028112	5981094	6068914	6026040	0.73	cps
Terbium	159-2	4305585	4212432	4337055	4285024	1.51	cps
Thallium	203-1	1217	1280	1287	1261	3.06	cps
Thallium	205-1	2860	2830	2727	2806	2.49	cps
Tin	118-1	22892	22989	22665	22848	0.73	cps
Titanium	47-1	796027	800345	808846	801740	0.81	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-16	Instrumnet Name :	P7
Client Sample ID :	MYDB36	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:49:20	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10591	10564	10621	10592	0.27	cps
Vanadium	51-2	302737	304875	301582	303065	0.55	cps
Yttrium	89-1	9940259	10225804	9927331	10031131	1.68	cps
Yttrium	89-2	2638120	2693742	2770541	2700801	2.46	cps
Zinc	66-2	200186	199309	198073	199189	0.53	cps
Zirconium	90-1	96063	97850	98411	97441	1.26	cps
Zirconium	91-1	20655	21826	21663	21381	2.97	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-17	Instrumnet Name :	P7
Client Sample ID :	MYDB37	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:52:34	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6320808	6329115	6422072	6357332	0.88	cps
Antimony	121-1	5788	5958	5921	5889	1.52	cps
Arsenic	75-2	29012	29453	29322	29262	0.77	cps
Barium	135-1	493168	504614	502473	500085	1.22	cps
Barium	137-1	846601	860983	871127	859570	1.43	cps
Beryllium	9-1	1293	1320	1273	1296	1.81	cps
Bismuth	209-1	3308608	3435145	3283863	3342539	2.43	cps
Bismuth	209-2	2969123	2984149	2988895	2980722	0.35	cps
Bromine	81-1	7605	7705	7885	7732	1.84	cps
Bromine	81-2	530	533	613	559	8.44	cps
Cadmium	108-1	170	133	137	147	13.82	cps
Cadmium	106-1	1780	1653	1757	1730	3.90	cps
Cadmium	111-1	2491	2401	2287	2393	4.25	cps
Calcium	43-1	331537	341976	340852	338122	1.69	cps
Calcium	44-1	5207888	5264905	5318248	5263680	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	182923	180231	182410	181854	0.79	cps
Cobalt	59-2	186547	183903	185230	185227	0.71	cps
Copper	63-2	362443	367137	364548	364709	0.64	cps
Dysprosium	156-1	48283	48537	48808	48542	0.54	cps
Dysprosium	156-2	43802	44203	44019	44008	0.46	cps
Erbium	164-1	39255	40168	39298	39574	1.30	cps
Erbium	164-2	28676	28867	29067	28870	0.68	cps
Gadolinium	160-1	46219	46751	47109	46693	0.96	cps
Gadolinium	160-2	36056	35522	35819	35799	0.75	cps
Holmium	165-1	5784172	5776871	5833888	5798310	0.54	cps
Holmium	165-2	4283342	4290109	4380353	4317935	1.25	cps
Indium	115-1	5176186	5247611	5261099	5228298	0.87	cps
Indium	115-2	1895335	1921269	1910821	1909142	0.68	cps
Iron	56-2	232723870	231863717	235446183	233344590	0.80	cps
Iron	57-2	5775428	5911333	5817382	5834715	1.19	cps
Iron	54-2	13043900	12891906	12766460	12900756	1.08	cps
Krypton	83-1	337	307	280	308	9.21	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-17	Instrumnet Name :	P7
Client Sample ID :	MYDB37	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:52:34	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	183160	183950	184109	183740	0.28	cps
Lead	207-1	160157	160590	161912	160886	0.57	cps
Lead	208-1	720059	728115	729038	725738	0.68	cps
Lithium	6-1	647390	640080	648580	645350	0.71	cps
Magnesium	24-2	4771190	4706815	4769225	4749077	0.77	cps
Manganese	55-2	3498173	3470965	3539064	3502734	0.98	cps
Molybdenum	94-1	36088	37759	37187	37011	2.29	cps
Molybdenum	95-1	3154	3307	3167	3209	2.65	cps
Molybdenum	96-1	11088	11044	11388	11173	1.67	cps
Molybdenum	97-1	1987	2053	1923	1988	3.27	cps
Molybdenum	98-1	4731	4818	4771	4773	0.91	cps
Neodymium	150-1	86154	88073	88700	87642	1.51	cps
Neodymium	150-2	54177	54896	53615	54229	1.18	cps
Nickel	60-2	66681	65496	66289	66155	0.91	cps
Phosphorus	31-2	23615	23752	23335	23567	0.90	cps
Potassium	39-2	2041691	1978620	2014940	2011750	1.57	cps
Rhodium	103-1	5123122	5065224	5036889	5075078	0.87	cps
Rhodium	103-2	3269967	3266739	3264282	3266996	0.09	cps
Scandium	45-1	3757532	3764959	3872923	3798471	1.70	cps
Scandium	45-2	340201	334974	337620	337598	0.77	cps
Selenium	82-1	395	469	557	474	17.08	cps
Selenium	77-2	247	223	167	212	19.39	cps
Selenium	78-2	500	477	503	493	2.95	cps
Silicon	28-1	21637462	22613418	23268632	22506504	3.65	cps
Silver	107-1	2047	2324	2217	2196	6.36	cps
Silver	109-1	1910	2007	2087	2001	4.42	cps
Sodium	23-2	188069	185268	188213	187183	0.89	cps
Strontium	86-1	184202	186314	186413	185643	0.67	cps
Strontium	88-1	1673721	1676270	1678011	1676001	0.13	cps
Sulfur	34-1	141074	141794	142856	141908	0.63	cps
Terbium	159-1	6089437	6153673	6050212	6097774	0.86	cps
Terbium	159-2	4282508	4338707	4315067	4312094	0.65	cps
Thallium	203-1	1080	1203	1267	1183	8.02	cps
Thallium	205-1	2700	2737	2774	2737	1.34	cps
Tin	118-1	12893	13503	13767	13387	3.35	cps
Titanium	47-1	1063003	1060999	1072649	1065550	0.58	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-17	Instrumnet Name :	P7
Client Sample ID :	MYDB37	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:52:34	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12166	12519	12599	12428	1.86	cps
Vanadium	51-2	431592	429638	435213	432148	0.65	cps
Yttrium	89-1	10154662	10356824	10174665	10228717	1.09	cps
Yttrium	89-2	2793625	2763026	2762830	2773160	0.64	cps
Zinc	66-2	138819	139579	137796	138731	0.64	cps
Zirconium	90-1	95857	97703	97481	97014	1.04	cps
Zirconium	91-1	21546	21719	21836	21701	0.67	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-18	Instrumnet Name :	P7
Client Sample ID :	MYDB38	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:55:45	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4722518	4694805	4672050	4696458	0.54	cps
Antimony	121-1	6001	6091	6291	6128	2.42	cps
Arsenic	75-2	56912	57297	56527	56912	0.68	cps
Barium	135-1	357012	362981	370274	363422	1.83	cps
Barium	137-1	637776	643020	639566	640121	0.42	cps
Beryllium	9-1	1200	1213	1227	1213	1.10	cps
Bismuth	209-1	3347381	3429172	3328796	3368450	1.59	cps
Bismuth	209-2	3014743	3082091	3012204	3036346	1.31	cps
Bromine	81-1	6842	7022	6668	6844	2.58	cps
Bromine	81-2	383	427	383	398	6.29	cps
Cadmium	108-1	320	303	273	299	7.91	cps
Cadmium	106-1	2120	1963	1860	1981	6.61	cps
Cadmium	111-1	4400	4513	4378	4430	1.63	cps
Calcium	43-1	217450	224309	223923	221894	1.74	cps
Calcium	44-1	3476851	3464451	3459547	3466950	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89205	88887	89111	89068	0.18	cps
Cobalt	59-2	130320	130697	129113	130044	0.64	cps
Copper	63-2	549276	540951	541851	544026	0.84	cps
Dysprosium	156-1	41802	41835	43246	42295	1.95	cps
Dysprosium	156-2	37557	38295	38255	38036	1.09	cps
Erbium	164-1	35081	36080	35392	35517	1.44	cps
Erbium	164-2	25984	26365	26004	26118	0.82	cps
Gadolinium	160-1	42043	41481	41585	41703	0.72	cps
Gadolinium	160-2	32574	31409	31926	31970	1.83	cps
Holmium	165-1	5807657	5831524	5996915	5878699	1.75	cps
Holmium	165-2	4358583	4319085	4313499	4330389	0.57	cps
Indium	115-1	5182987	5131099	5327168	5213751	1.95	cps
Indium	115-2	1908464	1948877	1911050	1922797	1.18	cps
Iron	56-2	174207931	175117431	175149277	174824880	0.31	cps
Iron	57-2	4344843	4346683	4317104	4336210	0.38	cps
Iron	54-2	9775083	9640006	9727740	9714276	0.71	cps
Krypton	83-1	287	343	337	322	9.61	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-18	Instrumnet Name :	P7
Client Sample ID :	MYDB38	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:55:45	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	461692	463893	475366	466984	1.57	cps
Lead	207-1	433092	441088	439580	437920	0.97	cps
Lead	208-1	1887685	1919639	1914235	1907186	0.90	cps
Lithium	6-1	642797	636331	640586	639905	0.51	cps
Magnesium	24-2	3570208	3526158	3494498	3530288	1.08	cps
Manganese	55-2	3452841	3489692	3539605	3494046	1.25	cps
Molybdenum	94-1	20261	20805	20247	20438	1.56	cps
Molybdenum	95-1	2517	2297	2507	2440	5.09	cps
Molybdenum	96-1	7442	7265	7192	7300	1.76	cps
Molybdenum	97-1	1417	1517	1413	1449	4.05	cps
Molybdenum	98-1	3377	3570	3510	3486	2.84	cps
Neodymium	150-1	75872	77609	76090	76524	1.24	cps
Neodymium	150-2	48192	49065	48480	48579	0.92	cps
Nickel	60-2	42978	42838	43272	43029	0.52	cps
Phosphorus	31-2	21592	22163	21529	21761	1.61	cps
Potassium	39-2	2145753	2231648	2198148	2191850	1.98	cps
Rhodium	103-1	5212426	5243481	5273939	5243282	0.59	cps
Rhodium	103-2	3294144	3268107	3242333	3268195	0.79	cps
Scandium	45-1	3759956	3743784	3706493	3736744	0.73	cps
Scandium	45-2	332367	334426	329825	332206	0.69	cps
Selenium	82-1	506	464	466	479	4.95	cps
Selenium	77-2	167	167	190	174	7.72	cps
Selenium	78-2	417	490	543	483	13.16	cps
Silicon	28-1	32172766	32531973	34199818	32968186	3.28	cps
Silver	107-1	4581	4848	4767	4732	2.89	cps
Silver	109-1	4347	4687	4537	4524	3.77	cps
Sodium	23-2	160022	162986	164387	162465	1.37	cps
Strontium	86-1	120972	122283	123686	122314	1.11	cps
Strontium	88-1	1047364	1060893	1044359	1050872	0.84	cps
Sulfur	34-1	140539	138252	136109	138300	1.60	cps
Terbium	159-1	6406036	6415350	6153054	6324813	2.35	cps
Terbium	159-2	4370966	4291521	4325864	4329450	0.92	cps
Thallium	203-1	1550	1370	1483	1468	6.20	cps
Thallium	205-1	3174	3264	3320	3253	2.27	cps
Tin	118-1	24761	25179	25443	25127	1.37	cps
Titanium	47-1	742278	750041	777788	756702	2.47	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-18	Instrumnet Name :	P7
Client Sample ID :	MYDB38	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:55:45	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10681	10758	10721	10720	0.36	cps
Vanadium	51-2	266404	264778	265515	265565	0.31	cps
Yttrium	89-1	10015884	10335941	9879860	10077228	2.32	cps
Yttrium	89-2	2763955	2751810	2745012	2753592	0.35	cps
Zinc	66-2	270131	267176	266224	267844	0.76	cps
Zirconium	90-1	52694	53437	53520	53217	0.85	cps
Zirconium	91-1	11898	12108	12235	12081	1.41	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-19	Instrumnet Name :	P7
Client Sample ID :	MYDB39	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:58:59	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4441565	4490413	4517717	4483232	0.86	cps
Antimony	121-1	12853	13126	13003	12994	1.05	cps
Arsenic	75-2	62665	61413	60931	61670	1.45	cps
Barium	135-1	291780	298764	309547	300030	2.98	cps
Barium	137-1	527658	527721	523705	526361	0.44	cps
Beryllium	9-1	1133	1050	1077	1087	3.92	cps
Bismuth	209-1	3404510	3379661	3374021	3386064	0.48	cps
Bismuth	209-2	3019301	3062735	3042069	3041369	0.71	cps
Bromine	81-1	6762	6735	6578	6692	1.48	cps
Bromine	81-2	327	270	300	299	9.49	cps
Cadmium	108-1	263	300	353	306	14.81	cps
Cadmium	106-1	1933	2067	1767	1922	7.82	cps
Cadmium	111-1	3899	4047	3916	3954	2.04	cps
Calcium	43-1	210641	215653	210815	212370	1.34	cps
Calcium	44-1	3268963	3396722	3416578	3360754	2.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106453	106752	104717	105974	1.04	cps
Cobalt	59-2	144690	145024	144418	144711	0.21	cps
Copper	63-2	532883	525273	532027	530061	0.79	cps
Dysprosium	156-1	33817	34095	35124	34345	2.00	cps
Dysprosium	156-2	29701	30256	30834	30264	1.87	cps
Erbium	164-1	28175	29047	29558	28927	2.42	cps
Erbium	164-2	20966	21089	21133	21063	0.41	cps
Gadolinium	160-1	34165	34215	33072	33817	1.91	cps
Gadolinium	160-2	25510	24755	25440	25235	1.65	cps
Holmium	165-1	5801729	5769112	6115182	5895341	3.24	cps
Holmium	165-2	4381287	4405555	4351053	4379298	0.62	cps
Indium	115-1	5082575	5231531	5507888	5273998	4.09	cps
Indium	115-2	1945452	1902657	1942238	1930116	1.23	cps
Iron	56-2	202403750	205758150	205119737	204427213	0.87	cps
Iron	57-2	5051311	4996430	5017055	5021599	0.55	cps
Iron	54-2	11414861	11280957	11307549	11334455	0.63	cps
Krypton	83-1	290	233	327	283	16.60	cps

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-19	Instrumnet Name :	P7
Client Sample ID :	MYDB39	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:58:59	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	379581	385894	397505	387660	2.35	cps
Lead	207-1	357343	352843	352372	354186	0.77	cps
Lead	208-1	1555785	1577129	1562394	1565103	0.70	cps
Lithium	6-1	657725	667938	672486	666050	1.13	cps
Magnesium	24-2	3196878	3179662	3218050	3198196	0.60	cps
Manganese	55-2	2930322	2916888	2943694	2930302	0.46	cps
Molybdenum	94-1	30559	32055	31157	31257	2.41	cps
Molybdenum	95-1	3944	4037	4221	4067	3.46	cps
Molybdenum	96-1	11194	11064	10631	10963	2.69	cps
Molybdenum	97-1	2470	2627	2580	2559	3.14	cps
Molybdenum	98-1	6361	6628	6598	6529	2.24	cps
Neodymium	150-1	60111	61122	60429	60554	0.85	cps
Neodymium	150-2	38362	36678	37684	37574	2.26	cps
Nickel	60-2	40632	41775	40084	40830	2.11	cps
Phosphorus	31-2	21151	21352	21445	21316	0.70	cps
Potassium	39-2	1985854	1998487	1984234	1989525	0.39	cps
Rhodium	103-1	5187986	5015414	5144948	5116116	1.76	cps
Rhodium	103-2	3210489	3200278	3203191	3204653	0.16	cps
Scandium	45-1	3736609	3785069	3871129	3797602	1.79	cps
Scandium	45-2	330234	330128	331652	330671	0.26	cps
Selenium	82-1	520	483	526	510	4.63	cps
Selenium	77-2	143	120	147	137	10.63	cps
Selenium	78-2	500	530	490	507	4.11	cps
Silicon	28-1	8024984	8006319	8378042	8136448	2.57	cps
Silver	107-1	4457	4561	4537	4519	1.20	cps
Silver	109-1	4374	4461	4484	4440	1.31	cps
Sodium	23-2	139296	141103	140441	140280	0.65	cps
Strontium	86-1	117511	117629	119862	118334	1.12	cps
Strontium	88-1	1022100	1060083	1019427	1033870	2.20	cps
Sulfur	34-1	138033	142356	145273	141887	2.57	cps
Terbium	159-1	6275254	6068726	6088592	6144191	1.85	cps
Terbium	159-2	4296309	4335478	4321038	4317608	0.46	cps
Thallium	203-1	1207	1243	1087	1179	6.95	cps
Thallium	205-1	2994	2824	2740	2853	4.53	cps
Tin	118-1	13546	13260	13677	13494	1.58	cps
Titanium	47-1	860276	863589	895679	873181	2.24	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-19	Instrumnet Name :	P7
Client Sample ID :	MYDB39	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 14:58:59	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10107	10091	9961	10053	0.80	cps
Vanadium	51-2	377239	376039	373291	375523	0.54	cps
Yttrium	89-1	10025600	10150342	9939655	10038532	1.06	cps
Yttrium	89-2	2651602	2742893	2666975	2687156	1.82	cps
Zinc	66-2	227349	225552	225796	226232	0.43	cps
Zirconium	90-1	78110	79712	83140	80321	3.20	cps
Zirconium	91-1	18138	18058	17814	18003	0.94	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-20	Instrumnet Name :	P7
Client Sample ID :	MYDB40	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:02:11	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5716006	5764227	5698901	5726378	0.59	cps
Antimony	121-1	10817	11528	11231	11192	3.19	cps
Arsenic	75-2	79404	79609	79806	79606	0.25	cps
Barium	135-1	508471	517133	525159	516921	1.61	cps
Barium	137-1	876047	895532	899959	890512	1.43	cps
Beryllium	9-1	1440	1453	1437	1443	0.61	cps
Bismuth	209-1	3386529	3393480	3377871	3385960	0.23	cps
Bismuth	209-2	3012579	3011850	2976054	3000161	0.70	cps
Bromine	81-1	7315	7372	7218	7302	1.06	cps
Bromine	81-2	463	450	403	439	7.18	cps
Cadmium	108-1	317	407	420	381	14.75	cps
Cadmium	106-1	2140	2134	2004	2092	3.68	cps
Cadmium	111-1	5597	5736	5342	5559	3.59	cps
Calcium	43-1	382188	384912	391284	386128	1.21	cps
Calcium	44-1	5855272	6047045	5977195	5959838	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123336	123239	123454	123343	0.09	cps
Cobalt	59-2	166554	164222	165610	165462	0.71	cps
Copper	63-2	701729	703419	704723	703290	0.21	cps
Dysprosium	156-1	49557	51414	51561	50844	2.20	cps
Dysprosium	156-2	45550	44882	44982	45138	0.80	cps
Erbium	164-1	41542	43397	42441	42460	2.19	cps
Erbium	164-2	31008	30657	30316	30660	1.13	cps
Gadolinium	160-1	48293	49681	50404	49459	2.17	cps
Gadolinium	160-2	38132	36902	37834	37623	1.71	cps
Holmium	165-1	5861930	5918718	5946379	5909009	0.73	cps
Holmium	165-2	4329207	4352331	4261229	4314255	1.10	cps
Indium	115-1	5246865	5277172	5289098	5271045	0.41	cps
Indium	115-2	1907314	1875670	1892981	1891988	0.84	cps
Iron	56-2	214201617	211381417	211586490	212389841	0.74	cps
Iron	57-2	5287914	5182646	5247402	5239321	1.01	cps
Iron	54-2	11838300	11871723	11695785	11801936	0.79	cps
Krypton	83-1	293	310	267	290	7.54	cps

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-20	Instrumnet Name :	P7
Client Sample ID :	MYDB40	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:02:11	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	604585	618847	615578	613003	1.22	cps
Lead	207-1	549694	558829	563310	557278	1.25	cps
Lead	208-1	2446463	2481943	2499199	2475868	1.09	cps
Lithium	6-1	659280	663030	664760	662357	0.42	cps
Magnesium	24-2	4185358	4075021	4052873	4104417	1.73	cps
Manganese	55-2	4812883	4748080	4795270	4785411	0.70	cps
Molybdenum	94-1	31511	32860	32854	32408	2.40	cps
Molybdenum	95-1	3604	3711	3767	3694	2.25	cps
Molybdenum	96-1	10531	10414	10717	10554	1.45	cps
Molybdenum	97-1	2057	2127	2367	2184	7.45	cps
Molybdenum	98-1	5541	5324	5675	5513	3.21	cps
Neodymium	150-1	89891	91323	93182	91465	1.80	cps
Neodymium	150-2	55740	55505	55211	55485	0.48	cps
Nickel	60-2	54352	54331	55281	54655	0.99	cps
Phosphorus	31-2	26176	26366	25354	25965	2.07	cps
Potassium	39-2	3467555	3423258	3428494	3439769	0.70	cps
Rhodium	103-1	5100016	5158423	5151563	5136667	0.62	cps
Rhodium	103-2	3251159	3173662	3205261	3210027	1.21	cps
Scandium	45-1	3744835	3770985	3783864	3766561	0.53	cps
Scandium	45-2	332101	330292	332183	331526	0.32	cps
Selenium	82-1	589	553	616	586	5.40	cps
Selenium	77-2	207	227	227	220	5.25	cps
Selenium	78-2	497	603	483	528	12.46	cps
Silicon	28-1	15622091	16290317	16400880	16104429	2.62	cps
Silver	107-1	8563	8539	9016	8706	3.09	cps
Silver	109-1	8152	8259	8026	8146	1.44	cps
Sodium	23-2	159393	159063	159975	159477	0.29	cps
Strontium	86-1	190236	194116	194389	192914	1.20	cps
Strontium	88-1	1742888	1691236	1743228	1725784	1.73	cps
Sulfur	34-1	241557	244507	241297	242454	0.74	cps
Terbium	159-1	6181351	6170178	6106205	6152578	0.66	cps
Terbium	159-2	4313865	4343026	4345524	4334138	0.41	cps
Thallium	203-1	1437	1560	1577	1525	5.02	cps
Thallium	205-1	3751	3884	3831	3822	1.76	cps
Tin	118-1	17718	18485	18041	18081	2.13	cps
Titanium	47-1	799279	815947	824321	813182	1.57	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-20	Instrumnet Name :	P7
Client Sample ID :	MYDB40	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:02:11	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11755	11895	11855	11835	0.61	cps
Vanadium	51-2	344650	346961	340910	344174	0.89	cps
Yttrium	89-1	10466894	10226489	10280677	10324687	1.22	cps
Yttrium	89-2	2772285	2743072	2722956	2746104	0.90	cps
Zinc	66-2	362611	361045	359293	360983	0.46	cps
Zirconium	90-1	84290	84401	84914	84535	0.39	cps
Zirconium	91-1	18659	18902	18959	18840	0.85	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-21	Instrumnet Name :	P7
Client Sample ID :	MYDB41	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:05:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6172726	6199417	6126139	6166094	0.60	cps
Antimony	121-1	8319	8496	8256	8357	1.49	cps
Arsenic	75-2	42304	41635	40692	41544	1.95	cps
Barium	135-1	488137	507444	508681	501420	2.30	cps
Barium	137-1	872580	860445	867083	866703	0.70	cps
Beryllium	9-1	1463	1300	1263	1342	7.93	cps
Bismuth	209-1	3264924	3462700	3407715	3378447	3.02	cps
Bismuth	209-2	2941506	2963962	2964524	2956664	0.44	cps
Bromine	81-1	6802	7502	7078	7127	4.95	cps
Bromine	81-2	483	410	363	419	14.44	cps
Cadmium	108-1	220	237	190	216	10.97	cps
Cadmium	106-1	1887	1757	1710	1785	5.13	cps
Cadmium	111-1	3124	3038	3141	3101	1.79	cps
Calcium	43-1	290316	307683	303166	300388	3.00	cps
Calcium	44-1	4520466	4869107	4870012	4753195	4.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152783	150874	153257	152305	0.83	cps
Cobalt	59-2	155614	156887	154703	155735	0.70	cps
Copper	63-2	467030	467091	465337	466486	0.21	cps
Dysprosium	156-1	46466	47426	46209	46701	1.37	cps
Dysprosium	156-2	42136	42254	41173	41854	1.42	cps
Erbium	164-1	39195	40756	40596	40182	2.14	cps
Erbium	164-2	28389	29368	29097	28951	1.75	cps
Gadolinium	160-1	45912	46360	46861	46378	1.02	cps
Gadolinium	160-2	35839	35682	35271	35597	0.82	cps
Holmium	165-1	5691697	5905069	5815378	5804048	1.85	cps
Holmium	165-2	4217269	4199903	4270398	4229190	0.87	cps
Indium	115-1	5005536	5094279	5198473	5099429	1.89	cps
Indium	115-2	1885809	1929780	1882543	1899378	1.39	cps
Iron	56-2	227375257	226004150	225716923	226365443	0.39	cps
Iron	57-2	5560016	5651606	5567269	5592964	0.91	cps
Iron	54-2	12436156	12616201	12558514	12536957	0.73	cps
Krypton	83-1	310	273	390	324	18.39	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-21	Instrumnet Name :	P7
Client Sample ID :	MYDB41	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:05:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	274000	286604	285561	282055	2.48	cps
Lead	207-1	255170	250076	250820	252022	1.09	cps
Lead	208-1	1104412	1136746	1131194	1124117	1.54	cps
Lithium	6-1	614245	661269	666674	647396	4.45	cps
Magnesium	24-2	3834046	3914467	3886111	3878208	1.05	cps
Manganese	55-2	3229957	3212777	3206664	3216466	0.38	cps
Molybdenum	94-1	35750	37562	36566	36626	2.48	cps
Molybdenum	95-1	3010	3197	3287	3165	4.46	cps
Molybdenum	96-1	11064	10761	10614	10813	2.12	cps
Molybdenum	97-1	1853	1907	1880	1880	1.42	cps
Molybdenum	98-1	4744	4667	4921	4777	2.72	cps
Neodymium	150-1	82720	87204	87368	85764	3.08	cps
Neodymium	150-2	52581	52417	52153	52383	0.41	cps
Nickel	60-2	50682	51174	51391	51082	0.71	cps
Phosphorus	31-2	23148	22977	22430	22852	1.64	cps
Potassium	39-2	2046618	2058643	2076243	2060501	0.72	cps
Rhodium	103-1	5212128	4978025	5004518	5064890	2.53	cps
Rhodium	103-2	3166469	3163381	3202506	3177452	0.68	cps
Scandium	45-1	3605970	3802965	3802993	3737310	3.04	cps
Scandium	45-2	332383	332154	333353	332630	0.19	cps
Selenium	82-1	517	516	398	477	14.37	cps
Selenium	77-2	183	223	247	218	14.71	cps
Selenium	78-2	490	580	470	513	11.42	cps
Silicon	28-1	13347172	13762757	13820471	13643467	1.89	cps
Silver	107-1	3494	3574	3600	3556	1.56	cps
Silver	109-1	3090	3080	3284	3151	3.64	cps
Sodium	23-2	145312	144578	145474	145121	0.33	cps
Strontium	86-1	155084	155969	155138	155397	0.32	cps
Strontium	88-1	1318750	1366345	1343726	1342940	1.77	cps
Sulfur	34-1	151711	148486	146988	149062	1.62	cps
Terbium	159-1	6328713	6027849	6004716	6120426	2.95	cps
Terbium	159-2	4169808	4200734	4251526	4207356	0.98	cps
Thallium	203-1	1127	1090	1060	1092	3.06	cps
Thallium	205-1	2477	2727	2444	2549	6.08	cps
Tin	118-1	12799	12639	12960	12799	1.25	cps
Titanium	47-1	809034	808256	806103	807798	0.19	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-21	Instrumnet Name :	P7
Client Sample ID :	MYDB41	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:05:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11035	10734	10778	10849	1.50	cps
Vanadium	51-2	432918	432469	426795	430727	0.79	cps
Yttrium	89-1	10024116	10542422	10507323	10357954	2.80	cps
Yttrium	89-2	2738051	2688477	2716370	2714299	0.92	cps
Zinc	66-2	163336	161200	162042	162193	0.66	cps
Zirconium	90-1	92865	97846	98633	96448	3.24	cps
Zirconium	91-1	21669	21499	20718	21296	2.38	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-22	Instrumnet Name :	P7
Client Sample ID :	MYDB61	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:08:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2531123	2463442	2526983	2507183	1.51	cps
Antimony	121-1	6048	6245	6071	6121	1.76	cps
Arsenic	75-2	17757	17777	17380	17638	1.27	cps
Barium	135-1	286434	296921	297297	293551	2.10	cps
Barium	137-1	513403	513540	503960	510301	1.08	cps
Beryllium	9-1	557	600	570	576	3.86	cps
Bismuth	209-1	3283155	3348588	3399390	3343711	1.74	cps
Bismuth	209-2	2964461	2899778	2932015	2932085	1.10	cps
Bromine	81-1	5778	6158	6098	6011	3.40	cps
Bromine	81-2	173	190	160	174	8.62	cps
Cadmium	108-1	87	57	93	79	24.75	cps
Cadmium	106-1	1627	1580	1533	1580	2.95	cps
Cadmium	111-1	1308	1296	1248	1284	2.48	cps
Calcium	43-1	216041	221355	223812	220402	1.80	cps
Calcium	44-1	3253267	3414174	3511364	3392935	3.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104952	105204	104066	104741	0.57	cps
Cobalt	59-2	113328	109762	112475	111855	1.66	cps
Copper	63-2	189196	188078	188580	188618	0.30	cps
Dysprosium	156-1	23039	23466	22979	23161	1.15	cps
Dysprosium	156-2	20522	20662	20175	20453	1.23	cps
Erbium	164-1	19884	19524	20048	19819	1.35	cps
Erbium	164-2	14458	14047	14421	14309	1.59	cps
Gadolinium	160-1	22128	22775	22555	22486	1.46	cps
Gadolinium	160-2	17337	17718	17514	17523	1.09	cps
Holmium	165-1	5647185	5771723	5748848	5722585	1.16	cps
Holmium	165-2	4196414	4231452	4199769	4209212	0.46	cps
Indium	115-1	5014633	5134280	5152747	5100554	1.47	cps
Indium	115-2	1913261	1915326	1889858	1906148	0.74	cps
Iron	56-2	124675398	126264648	124561818	125167288	0.76	cps
Iron	57-2	3105028	3137091	3147104	3129741	0.70	cps
Iron	54-2	6902457	6849577	6758740	6836925	1.06	cps
Krypton	83-1	267	300	250	272	9.35	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-22	Instrumnet Name :	P7
Client Sample ID :	MYDB61	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:08:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	58756	60443	61358	60186	2.19	cps
Lead	207-1	48924	49376	48319	48873	1.09	cps
Lead	208-1	224030	230227	230565	228274	1.61	cps
Lithium	6-1	595666	586726	620676	601023	2.93	cps
Magnesium	24-2	2377280	2340479	2384385	2367381	1.00	cps
Manganese	55-2	3436900	3456339	3380610	3424616	1.15	cps
Molybdenum	94-1	23369	24925	25315	24536	4.20	cps
Molybdenum	95-1	3424	3450	3640	3505	3.37	cps
Molybdenum	96-1	8653	8659	8453	8588	1.37	cps
Molybdenum	97-1	2160	2194	2300	2218	3.30	cps
Molybdenum	98-1	5158	5468	5588	5404	4.11	cps
Neodymium	150-1	40558	41431	41849	41279	1.60	cps
Neodymium	150-2	25383	25066	25226	25225	0.63	cps
Nickel	60-2	37029	36768	36578	36792	0.62	cps
Phosphorus	31-2	14724	14460	14774	14653	1.15	cps
Potassium	39-2	629303	632657	628308	630089	0.36	cps
Rhodium	103-1	5106946	4963147	4981815	5017303	1.56	cps
Rhodium	103-2	3196506	3158679	3184996	3180060	0.61	cps
Scandium	45-1	3494573	3576415	3619704	3563564	1.78	cps
Scandium	45-2	323547	324516	324707	324257	0.19	cps
Selenium	82-1	386	378	381	382	1.15	cps
Selenium	77-2	100	110	113	108	6.44	cps
Selenium	78-2	497	453	453	468	5.35	cps
Silicon	28-1	6577382	6653521	6635670	6622191	0.60	cps
Silver	107-1	577	573	550	567	2.56	cps
Silver	109-1	527	543	537	536	1.57	cps
Sodium	23-2	165220	164236	166015	165157	0.54	cps
Strontium	86-1	105112	103950	104632	104565	0.56	cps
Strontium	88-1	905344	934615	929646	923202	1.70	cps
Sulfur	34-1	143610	145404	145834	144949	0.81	cps
Terbium	159-1	6134521	5959951	5953323	6015932	1.71	cps
Terbium	159-2	4260332	4240297	4196434	4232355	0.77	cps
Thallium	203-1	540	503	547	530	4.40	cps
Thallium	205-1	1193	1270	1273	1246	3.63	cps
Tin	118-1	9193	8846	9153	9064	2.09	cps
Titanium	47-1	735747	727304	740911	734654	0.94	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-22	Instrumnet Name :	P7
Client Sample ID :	MYDB61	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:08:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8243	8526	8316	8362	1.76	cps
Vanadium	51-2	271593	270415	275580	272529	0.99	cps
Yttrium	89-1	9593629	9667934	10040173	9767245	2.45	cps
Yttrium	89-2	2594414	2569684	2638169	2600756	1.33	cps
Zinc	66-2	47188	45599	47211	46666	1.98	cps
Zirconium	90-1	59125	61652	61856	60878	2.50	cps
Zirconium	91-1	13697	13616	13223	13512	1.88	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:11:53	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1277283	1270368	1263539	1270397	0.54	cps
Antimony	121-1	1580	1643	1783	1669	6.23	cps
Arsenic	75-2	9090	9426	9777	9431	3.64	cps
Barium	135-1	109524	106048	111737	109103	2.63	cps
Barium	137-1	186978	182583	190914	186825	2.23	cps
Beryllium	9-1	323	333	303	320	4.77	cps
Bismuth	209-1	3417476	3834590	3424427	3558831	6.71	cps
Bismuth	209-2	3015347	3034952	3037428	3029242	0.40	cps
Bromine	81-1	6208	6251	6045	6168	1.77	cps
Bromine	81-2	173	157	143	158	9.53	cps
Cadmium	108-1	50	63	63	59	13.07	cps
Cadmium	106-1	1457	1643	1390	1497	8.77	cps
Cadmium	111-1	1528	1529	1439	1499	3.47	cps
Calcium	43-1	67463	64856	69264	67194	3.30	cps
Calcium	44-1	1117673	1074447	1140670	1110930	3.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32265	32245	31139	31883	2.02	cps
Cobalt	59-2	39492	38920	39753	39388	1.08	cps
Copper	63-2	102877	101227	101431	101845	0.88	cps
Dysprosium	156-1	11995	11888	12733	12205	3.77	cps
Dysprosium	156-2	11215	10921	11351	11162	1.97	cps
Erbium	164-1	10434	9814	10457	10235	3.57	cps
Erbium	164-2	7349	7542	7726	7539	2.50	cps
Gadolinium	160-1	11808	11929	12392	12043	2.56	cps
Gadolinium	160-2	9573	8870	9176	9206	3.83	cps
Holmium	165-1	5910178	6506888	6008162	6141743	5.21	cps
Holmium	165-2	4319905	4340302	4314414	4324874	0.32	cps
Indium	115-1	5362235	5943051	5330735	5545340	6.22	cps
Indium	115-2	1949255	1950116	1938487	1945953	0.33	cps
Iron	56-2	48977834	48767791	48607564	48784396	0.38	cps
Iron	57-2	1258546	1244713	1252687	1251982	0.55	cps
Iron	54-2	2764658	2700977	2702072	2722569	1.34	cps
Krypton	83-1	313	460	307	360	24.07	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:11:53	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	60159	58088	61682	59976	3.01	cps
Lead	207-1	55724	52923	55359	54668	2.79	cps
Lead	208-1	243367	234510	247840	241906	2.80	cps
Lithium	6-1	633838	714092	648251	665393	6.43	cps
Magnesium	24-2	980202	982867	979622	980897	0.18	cps
Manganese	55-2	870284	864572	866309	867055	0.34	cps
Molybdenum	94-1	5364	5298	5611	5424	3.04	cps
Molybdenum	95-1	890	953	923	922	3.44	cps
Molybdenum	96-1	2337	2220	2300	2286	2.61	cps
Molybdenum	97-1	577	543	603	574	5.23	cps
Molybdenum	98-1	1397	1403	1397	1399	0.28	cps
Neodymium	150-1	21777	21200	22498	21825	2.98	cps
Neodymium	150-2	13647	14160	13997	13935	1.88	cps
Nickel	60-2	11905	12172	12172	12083	1.28	cps
Phosphorus	31-2	7095	7035	6972	7034	0.88	cps
Potassium	39-2	925758	913130	911418	916768	0.85	cps
Rhodium	103-1	5183758	5864521	5167564	5405281	7.36	cps
Rhodium	103-2	3357867	3308250	3285775	3317297	1.11	cps
Scandium	45-1	3667296	4151746	3650521	3823187	7.45	cps
Scandium	45-2	322509	328643	324725	325293	0.95	cps
Selenium	82-1	305	399	318	341	14.97	cps
Selenium	77-2	60	70	40	57	26.96	cps
Selenium	78-2	433	387	387	402	6.70	cps
Silicon	28-1	5578415	5670740	5831043	5693399	2.25	cps
Silver	107-1	703	747	650	700	6.92	cps
Silver	109-1	677	693	657	676	2.72	cps
Sodium	23-2	88848	89354	88881	89028	0.32	cps
Strontium	86-1	35119	35079	36258	35485	1.89	cps
Strontium	88-1	307260	294505	312277	304680	3.01	cps
Sulfur	34-1	148032	146387	146878	147099	0.57	cps
Terbium	159-1	6194645	6932788	6090752	6406061	7.17	cps
Terbium	159-2	4301379	4362291	4325995	4329889	0.71	cps
Thallium	203-1	353	360	457	390	14.83	cps
Thallium	205-1	917	867	850	878	3.95	cps
Tin	118-1	5304	5218	5304	5275	0.95	cps
Titanium	47-1	213724	205341	217362	212143	2.91	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:11:53	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2964	2714	3220	2966	8.54	cps
Vanadium	51-2	81070	80406	79880	80452	0.74	cps
Yttrium	89-1	9824270	10851100	9810495	10161955	5.87	cps
Yttrium	89-2	2624606	2657617	2645065	2642429	0.63	cps
Zinc	66-2	46569	47806	47706	47360	1.45	cps
Zirconium	90-1	13500	13186	13780	13489	2.20	cps
Zirconium	91-1	2937	3077	3004	3006	2.33	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26D	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:15:08	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1262303	1258047	1278871	1266407	0.87	cps
Antimony	121-1	1670	1740	1480	1630	8.25	cps
Arsenic	75-2	9610	9283	9540	9478	1.82	cps
Barium	135-1	112453	115205	113376	113678	1.23	cps
Barium	137-1	192917	194897	194633	194149	0.55	cps
Beryllium	9-1	310	330	327	322	3.32	cps
Bismuth	209-1	3475833	3478538	3411711	3455361	1.09	cps
Bismuth	209-2	3060883	3013744	3054119	3042916	0.84	cps
Bromine	81-1	6281	6441	6108	6277	2.66	cps
Bromine	81-2	187	163	203	184	10.89	cps
Cadmium	108-1	57	50	47	51	9.96	cps
Cadmium	106-1	1387	1500	1470	1452	4.04	cps
Cadmium	111-1	1504	1485	1450	1480	1.87	cps
Calcium	43-1	69046	68993	68078	68706	0.79	cps
Calcium	44-1	1134757	1144729	1148291	1142593	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31840	30761	31500	31367	1.76	cps
Cobalt	59-2	39435	39164	39285	39295	0.35	cps
Copper	63-2	97069	96623	96411	96701	0.35	cps
Dysprosium	156-1	11838	12322	12652	12271	3.34	cps
Dysprosium	156-2	11171	11014	11188	11124	0.86	cps
Erbium	164-1	10464	10724	10574	10587	1.23	cps
Erbium	164-2	7575	7519	7729	7608	1.43	cps
Gadolinium	160-1	12082	12209	12079	12123	0.61	cps
Gadolinium	160-2	9120	9643	9713	9492	3.42	cps
Holmium	165-1	5901371	5919786	5912180	5911112	0.16	cps
Holmium	165-2	4366685	4252688	4314662	4311345	1.32	cps
Indium	115-1	5342642	5330147	5291084	5321291	0.51	cps
Indium	115-2	1946174	1934449	1911980	1930868	0.90	cps
Iron	56-2	48342744	48398779	48484068	48408530	0.15	cps
Iron	57-2	1242672	1236795	1236609	1238692	0.28	cps
Iron	54-2	2714623	2635485	2655520	2668543	1.54	cps
Krypton	83-1	280	300	243	274	10.47	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26D	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:15:08	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	61974	63477	62911	62787	1.21	cps
Lead	207-1	56119	56818	56721	56553	0.67	cps
Lead	208-1	249908	251670	252478	251352	0.52	cps
Lithium	6-1	663698	682175	673797	673223	1.37	cps
Magnesium	24-2	999603	1002676	1002237	1001505	0.17	cps
Manganese	55-2	894104	891226	877745	887692	0.98	cps
Molybdenum	94-1	5494	5608	5491	5531	1.20	cps
Molybdenum	95-1	993	903	973	957	4.94	cps
Molybdenum	96-1	2094	2190	2250	2178	3.63	cps
Molybdenum	97-1	517	540	583	547	6.19	cps
Molybdenum	98-1	1377	1347	1307	1343	2.61	cps
Neodymium	150-1	22518	22495	22548	22520	0.12	cps
Neodymium	150-2	13950	13767	14164	13960	1.42	cps
Nickel	60-2	12258	12552	12185	12332	1.57	cps
Phosphorus	31-2	7125	7268	6985	7126	1.99	cps
Potassium	39-2	926702	925003	928419	926708	0.18	cps
Rhodium	103-1	5191074	5228445	5168792	5196104	0.58	cps
Rhodium	103-2	3263458	3283406	3323742	3290202	0.93	cps
Scandium	45-1	3708609	3718222	3724795	3717209	0.22	cps
Scandium	45-2	324668	325589	325191	325149	0.14	cps
Selenium	82-1	341	356	370	356	4.12	cps
Selenium	77-2	33	50	90	58	50.41	cps
Selenium	78-2	343	383	397	374	7.41	cps
Silicon	28-1	6198767	6003266	6049368	6083800	1.68	cps
Silver	107-1	623	753	700	692	9.44	cps
Silver	109-1	747	620	567	644	14.35	cps
Sodium	23-2	83850	83592	83388	83610	0.28	cps
Strontium	86-1	35981	35409	35687	35692	0.80	cps
Strontium	88-1	309411	311105	311669	310729	0.38	cps
Sulfur	34-1	146279	143849	145862	145330	0.89	cps
Terbium	159-1	6212032	6189763	6197743	6199846	0.18	cps
Terbium	159-2	4326521	4258060	4400277	4328286	1.64	cps
Thallium	203-1	333	430	407	390	12.93	cps
Thallium	205-1	893	870	880	881	1.33	cps
Tin	118-1	4321	4351	4691	4454	4.62	cps
Titanium	47-1	217056	217066	218935	217686	0.50	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26D	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:15:08	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2994	2950	2904	2949	1.53	cps
Vanadium	51-2	79793	79126	79525	79481	0.42	cps
Yttrium	89-1	9929646	9886380	9907752	9907926	0.22	cps
Yttrium	89-2	2588415	2635251	2669811	2631159	1.55	cps
Zinc	66-2	46917	47646	47586	47383	0.85	cps
Zirconium	90-1	13643	13750	14190	13861	2.09	cps
Zirconium	91-1	3197	3044	3267	3169	3.60	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB26L	Dilution Factor :	20
Date & Time Acquired :	2024-10-28 15:18:25	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	247722	246845	245720	246762	0.41	cps
Antimony	121-1	370	367	487	408	16.76	cps
Arsenic	75-2	1857	1983	1813	1885	4.69	cps
Barium	135-1	21914	21657	21690	21753	0.64	cps
Barium	137-1	36640	37693	36727	37020	1.58	cps
Beryllium	9-1	83	90	80	84	6.03	cps
Bismuth	209-1	3458621	3476374	3384947	3439981	1.41	cps
Bismuth	209-2	3073641	3094495	3054140	3074092	0.66	cps
Bromine	81-1	6168	6108	6281	6186	1.42	cps
Bromine	81-2	70	80	83	78	8.92	cps
Cadmium	108-1	13	23	30	22	37.76	cps
Cadmium	106-1	1543	1493	1400	1479	4.92	cps
Cadmium	111-1	1171	1132	1022	1109	6.96	cps
Calcium	43-1	13823	13860	13479	13721	1.53	cps
Calcium	44-1	235709	239088	235892	236896	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6865	6708	6635	6736	1.74	cps
Cobalt	59-2	7932	7509	7469	7636	3.36	cps
Copper	63-2	20801	20708	20487	20665	0.78	cps
Dysprosium	156-1	2420	2477	2577	2491	3.18	cps
Dysprosium	156-2	2157	2197	2104	2152	2.18	cps
Erbium	164-1	2054	2067	2147	2089	2.42	cps
Erbium	164-2	1433	1420	1360	1405	2.78	cps
Gadolinium	160-1	2187	2414	2384	2328	5.29	cps
Gadolinium	160-2	1970	1903	1947	1940	1.74	cps
Holmium	165-1	5967634	5810879	5742386	5840299	1.98	cps
Holmium	165-2	4271179	4246360	4342056	4286532	1.16	cps
Indium	115-1	5320008	5281137	5343775	5314973	0.59	cps
Indium	115-2	1967730	1935545	1950637	1951304	0.83	cps
Iron	56-2	9480061	9454515	9499674	9478083	0.24	cps
Iron	57-2	244093	246673	244766	245177	0.55	cps
Iron	54-2	549119	545202	540219	544847	0.82	cps
Krypton	83-1	233	280	237	250	10.41	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB26L	Dilution Factor :	20
Date & Time Acquired :	2024-10-28 15:18:25	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12262	11862	12322	12149	2.06	cps
Lead	207-1	11155	10891	10985	11010	1.21	cps
Lead	208-1	50060	48728	48667	49152	1.60	cps
Lithium	6-1	701430	685545	684670	690548	1.37	cps
Magnesium	24-2	193357	192096	190650	192035	0.71	cps
Manganese	55-2	168250	169169	170273	169231	0.60	cps
Molybdenum	94-1	1077	1223	1083	1128	7.34	cps
Molybdenum	95-1	270	237	237	248	7.77	cps
Molybdenum	96-1	573	567	467	536	11.16	cps
Molybdenum	97-1	147	157	153	152	3.35	cps
Molybdenum	98-1	340	347	317	334	4.71	cps
Neodymium	150-1	4284	4484	4354	4374	2.32	cps
Neodymium	150-2	2777	2570	2750	2699	4.17	cps
Nickel	60-2	2510	2384	2447	2447	2.59	cps
Phosphorus	31-2	1330	1537	1567	1478	8.72	cps
Potassium	39-2	247318	248507	247711	247845	0.24	cps
Rhodium	103-1	5231147	5261096	5222006	5238083	0.39	cps
Rhodium	103-2	3250352	3222034	3243439	3238608	0.46	cps
Scandium	45-1	3718573	3716485	3693894	3709651	0.37	cps
Scandium	45-2	316034	318492	318518	317681	0.45	cps
Selenium	82-1	335	273	405	338	19.60	cps
Selenium	77-2	13	10	10	11	17.30	cps
Selenium	78-2	367	293	390	350	14.41	cps
Silicon	28-1	1471527	1469329	1510471	1483775	1.56	cps
Silver	107-1	167	140	187	164	14.24	cps
Silver	109-1	167	133	180	160	15.02	cps
Sodium	23-2	64119	64913	65154	64729	0.84	cps
Strontium	86-1	7392	7352	7625	7456	1.98	cps
Strontium	88-1	60423	61659	60507	60863	1.13	cps
Sulfur	34-1	142436	141377	141868	141893	0.37	cps
Terbium	159-1	6191321	6125639	6195884	6170948	0.64	cps
Terbium	159-2	4220919	4284724	4271918	4259187	0.79	cps
Thallium	203-1	117	150	167	144	17.62	cps
Thallium	205-1	323	280	307	303	7.21	cps
Tin	118-1	2147	2200	2130	2159	1.69	cps
Titanium	47-1	42249	42934	43178	42787	1.13	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB26L	Dilution Factor :	20
Date & Time Acquired :	2024-10-28 15:18:25	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	550	597	603	583	4.98	cps
Vanadium	51-2	16052	15722	15184	15653	2.80	cps
Yttrium	89-1	9790541	9829666	9616256	9745488	1.17	cps
Yttrium	89-2	2532108	2608597	2602370	2581025	1.65	cps
Zinc	66-2	10000	9533	9470	9668	3.00	cps
Zirconium	90-1	2817	2704	2714	2745	2.29	cps
Zirconium	91-1	620	627	650	632	2.49	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26S	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:21:43	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1333655	1282054	1302801	1306170	1.99	cps
Antimony	121-1	99854	101022	101223	100700	0.73	cps
Arsenic	75-2	12185	11905	11962	12017	1.23	cps
Barium	135-1	576745	586266	587899	583637	1.03	cps
Barium	137-1	999970	1008779	1013723	1007490	0.69	cps
Beryllium	9-1	7859	8209	7912	7993	2.36	cps
Bismuth	209-1	3211104	3353375	3289732	3284737	2.17	cps
Bismuth	209-2	3010040	3054765	2984961	3016588	1.17	cps
Bromine	81-1	5991	6278	5798	6022	4.01	cps
Bromine	81-2	170	130	170	157	14.74	cps
Cadmium	108-1	827	927	910	888	6.03	cps
Cadmium	106-1	2390	2810	2674	2625	8.16	cps
Cadmium	111-1	13223	13484	13196	13301	1.19	cps
Calcium	43-1	67713	67151	68099	67655	0.70	cps
Calcium	44-1	1117914	1128890	1142081	1129629	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	135237	133935	133323	134165	0.73	cps
Cobalt	59-2	426222	419706	422616	422848	0.77	cps
Copper	63-2	231106	227586	229062	229251	0.77	cps
Dysprosium	156-1	11955	11989	12669	12204	3.30	cps
Dysprosium	156-2	11044	10868	10774	10895	1.26	cps
Erbium	164-1	10267	10130	10444	10281	1.53	cps
Erbium	164-2	7532	7639	7609	7593	0.72	cps
Gadolinium	160-1	12092	12075	11705	11957	1.83	cps
Gadolinium	160-2	9627	9300	9046	9324	3.12	cps
Holmium	165-1	5474970	5752832	5803216	5677006	3.11	cps
Holmium	165-2	4278252	4246950	4339959	4288387	1.10	cps
Indium	115-1	5015007	5191039	5277061	5161036	2.59	cps
Indium	115-2	1929144	1937194	1891273	1919204	1.28	cps
Iron	56-2	49322821	48580793	48015771	48639795	1.35	cps
Iron	57-2	1241643	1247622	1235975	1241746	0.47	cps
Iron	54-2	2740987	2737108	2691651	2723249	1.01	cps
Krypton	83-1	290	267	223	260	13.01	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26S	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:21:43	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	72639	70569	71828	71679	1.46	cps
Lead	207-1	63092	63943	64341	63792	1.00	cps
Lead	208-1	287543	285187	286987	286572	0.43	cps
Lithium	6-1	652378	688161	681867	674135	2.83	cps
Magnesium	24-2	988500	976960	971306	978922	0.90	cps
Manganese	55-2	1044140	1031617	1036485	1037414	0.61	cps
Molybdenum	94-1	5174	5361	5274	5270	1.77	cps
Molybdenum	95-1	950	973	890	938	4.58	cps
Molybdenum	96-1	2140	2137	2187	2155	1.30	cps
Molybdenum	97-1	560	600	567	576	3.72	cps
Molybdenum	98-1	1390	1427	1380	1399	1.76	cps
Neodymium	150-1	21543	22418	22478	22146	2.36	cps
Neodymium	150-2	14010	13757	13200	13656	3.04	cps
Nickel	60-2	111017	111031	110081	110710	0.49	cps
Phosphorus	31-2	7435	7182	7128	7248	2.26	cps
Potassium	39-2	908782	911494	905708	908661	0.32	cps
Rhodium	103-1	4896160	5041749	5073488	5003799	1.89	cps
Rhodium	103-2	3229473	3191874	3171855	3197734	0.91	cps
Scandium	45-1	3432968	3693908	3636591	3587822	3.82	cps
Scandium	45-2	320268	319326	318132	319242	0.34	cps
Selenium	82-1	1637	1700	1721	1686	2.59	cps
Selenium	77-2	163	187	187	179	7.53	cps
Selenium	78-2	827	800	907	844	6.57	cps
Silicon	28-1	5754651	5854175	5785515	5798113	0.88	cps
Silver	107-1	54090	55656	55756	55168	1.69	cps
Silver	109-1	50126	52160	52970	51752	2.83	cps
Sodium	23-2	77644	78924	78348	78305	0.82	cps
Strontium	86-1	35289	35292	36011	35531	1.17	cps
Strontium	88-1	307271	308807	308177	308085	0.25	cps
Sulfur	34-1	146965	144290	142675	144643	1.50	cps
Terbium	159-1	5580318	6042476	5997318	5873370	4.34	cps
Terbium	159-2	4239997	4317114	4255037	4270716	0.96	cps
Thallium	203-1	34083	34885	35135	34701	1.58	cps
Thallium	205-1	79822	80181	81405	80469	1.03	cps
Tin	118-1	4647	4664	4587	4633	0.87	cps
Titanium	47-1	210412	215284	216646	214114	1.53	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26S	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:21:43	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2967	2997	3027	2997	1.00	cps
Vanadium	51-2	306821	307013	304916	306250	0.38	cps
Yttrium	89-1	9170951	9707710	9752671	9543777	3.39	cps
Yttrium	89-2	2594382	2544856	2584649	2574629	1.02	cps
Zinc	66-2	91253	89597	90351	90400	0.92	cps
Zirconium	90-1	12956	13059	13006	13007	0.40	cps
Zirconium	91-1	2924	2970	2707	2867	4.90	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:25:01	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1435477	1408316	1406313	1416702	1.15	cps
Antimony	121-1	443973	452042	449801	448605	0.93	cps
Arsenic	75-2	20865	20578	21245	20896	1.60	cps
Barium	135-1	2274485	2356871	2351251	2327535	1.98	cps
Barium	137-1	3932429	4044343	4043256	4006676	1.60	cps
Beryllium	9-1	32400	34488	33172	33354	3.17	cps
Bismuth	209-1	3388943	3410317	3345467	3381575	0.98	cps
Bismuth	209-2	3040508	3048250	3047293	3045351	0.14	cps
Bromine	81-1	6041	5791	6221	6018	3.59	cps
Bromine	81-2	137	173	190	167	16.37	cps
Cadmium	108-1	3941	3701	3827	3823	3.14	cps
Cadmium	106-1	6535	6538	6558	6544	0.19	cps
Cadmium	111-1	55415	56107	55778	55767	0.62	cps
Calcium	43-1	66304	66491	67114	66637	0.64	cps
Calcium	44-1	1103828	1114578	1119754	1112720	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477697	478120	480421	478746	0.31	cps
Cobalt	59-2	1720517	1742345	1743133	1735332	0.74	cps
Copper	63-2	676496	674202	673069	674589	0.26	cps
Dysprosium	156-1	11895	11935	12072	11967	0.77	cps
Dysprosium	156-2	10954	10944	10798	10899	0.81	cps
Erbium	164-1	10087	10551	9900	10179	3.29	cps
Erbium	164-2	7275	7555	7442	7424	1.90	cps
Gadolinium	160-1	11912	11755	11999	11888	1.04	cps
Gadolinium	160-2	9200	9263	8830	9097	2.57	cps
Holmium	165-1	5795286	5777824	5746103	5773071	0.43	cps
Holmium	165-2	4284981	4312451	4228345	4275259	1.00	cps
Indium	115-1	5140608	5215751	5225316	5193892	0.89	cps
Indium	115-2	1945118	1903130	1921414	1923221	1.09	cps
Iron	56-2	49495051	48923581	48726863	49048498	0.81	cps
Iron	57-2	1268159	1277222	1259568	1268317	0.70	cps
Iron	54-2	2747605	2764278	2725363	2745749	0.71	cps
Krypton	83-1	257	327	237	273	17.29	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:25:01	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	109123	109983	110192	109766	0.52	cps
Lead	207-1	96584	97634	97926	97381	0.73	cps
Lead	208-1	434660	439367	439900	437975	0.66	cps
Lithium	6-1	668964	656886	664587	663479	0.92	cps
Magnesium	24-2	959804	960435	955471	958570	0.28	cps
Manganese	55-2	1636928	1610137	1609359	1618808	0.97	cps
Molybdenum	94-1	5254	5394	5321	5323	1.32	cps
Molybdenum	95-1	907	1033	907	949	7.71	cps
Molybdenum	96-1	2144	1947	2224	2105	6.77	cps
Molybdenum	97-1	510	543	493	516	4.94	cps
Molybdenum	98-1	1417	1373	1487	1426	4.01	cps
Neodymium	150-1	21183	21543	21810	21512	1.46	cps
Neodymium	150-2	13520	13713	13466	13567	0.96	cps
Nickel	60-2	445375	443663	440721	443253	0.53	cps
Phosphorus	31-2	7048	6918	6722	6896	2.39	cps
Potassium	39-2	895142	895002	880899	890348	0.92	cps
Rhodium	103-1	5076628	5060346	5038345	5058440	0.38	cps
Rhodium	103-2	3255615	3206243	3225788	3229216	0.77	cps
Scandium	45-1	3658957	3624931	3596006	3626632	0.87	cps
Scandium	45-2	321882	318249	319258	319796	0.59	cps
Selenium	82-1	8261	8246	8230	8246	0.19	cps
Selenium	77-2	860	860	837	852	1.58	cps
Selenium	78-2	3084	3194	3227	3168	2.37	cps
Silicon	28-1	5563323	5700870	5736533	5666909	1.61	cps
Silver	107-1	238602	244479	240171	241084	1.26	cps
Silver	109-1	224690	228938	227151	226926	0.94	cps
Sodium	23-2	77608	78070	76790	77489	0.84	cps
Strontium	86-1	34788	35072	34263	34708	1.18	cps
Strontium	88-1	297429	304009	303426	301621	1.21	cps
Sulfur	34-1	142056	142136	140684	141625	0.58	cps
Terbium	159-1	6030515	6121846	6009804	6054055	0.98	cps
Terbium	159-2	4269721	4234908	4250549	4251726	0.41	cps
Thallium	203-1	155344	157050	155477	155957	0.61	cps
Thallium	205-1	364999	367361	368752	367037	0.52	cps
Tin	118-1	4611	4761	4554	4642	2.30	cps
Titanium	47-1	207369	211796	209991	209719	1.06	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4313-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB26SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 15:25:01	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2870	2964	2830	2888	2.37	cps
Vanadium	51-2	1069245	1065644	1054635	1063175	0.72	cps
Yttrium	89-1	9639112	9475749	9536670	9550510	0.86	cps
Yttrium	89-2	2544514	2570059	2560865	2558479	0.51	cps
Zinc	66-2	243809	242104	241650	242521	0.47	cps
Zirconium	90-1	12816	13330	13183	13109	2.02	cps
Zirconium	91-1	2740	2864	2870	2825	2.59	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:28:12	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7074006	7081510	7148319	7101278	0.58	cps
Antimony	121-1	3016096	3097175	3052637	3055303	1.33	cps
Arsenic	75-2	211684	213310	212868	212621	0.40	cps
Barium	135-1	3753062	3745268	3825748	3774693	1.18	cps
Barium	137-1	6410131	6528954	6558544	6499210	1.21	cps
Beryllium	9-1	439939	464665	469603	458069	3.47	cps
Bismuth	209-1	3284737	3265111	3306631	3285493	0.63	cps
Bismuth	209-2	2872556	2879777	2909934	2887422	0.69	cps
Bromine	81-1	6118	5791	5568	5826	4.75	cps
Bromine	81-2	80	73	70	74	6.84	cps
Cadmium	108-1	54238	55780	56369	55462	1.98	cps
Cadmium	106-1	76735	79536	79828	78699	2.17	cps
Cadmium	111-1	733612	748655	757447	746571	1.61	cps
Calcium	43-1	4613846	4741173	4717075	4690698	1.44	cps
Calcium	44-1	73111146	75637567	75698116	74815609	1.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1436144	1455216	1446542	1445967	0.66	cps
Cobalt	59-2	2297949	2338151	2300746	2312282	0.97	cps
Copper	63-2	16300448	16459860	16178166	16312825	0.87	cps
Dysprosium	156-1	187	180	180	182	2.11	cps
Dysprosium	156-2	267	273	213	251	13.10	cps
Erbium	164-1	150	153	150	151	1.28	cps
Erbium	164-2	100	83	90	91	9.21	cps
Gadolinium	160-1	123	100	133	119	14.39	cps
Gadolinium	160-2	273	267	227	256	9.88	cps
Holmium	165-1	5837300	5850149	5772543	5819997	0.71	cps
Holmium	165-2	4362377	4269426	4339577	4323793	1.12	cps
Indium	115-1	5053766	5126800	5018667	5066411	1.09	cps
Indium	115-2	1862644	1875934	1846267	1861615	0.80	cps
Iron	56-2	308799062	305862422	309396349	308019278	0.61	cps
Iron	57-2	7700551	7647787	7750892	7699743	0.67	cps
Iron	54-2	17007708	17049421	16835968	16964366	0.67	cps
Krypton	83-1	270	297	277	281	4.94	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:28:12	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9085691	9381834	9413231	9293585	1.94	cps
Lead	207-1	8014688	8188594	8277352	8160211	1.64	cps
Lead	208-1	36302153	37393859	37730445	37142152	2.01	cps
Lithium	6-1	704284	729315	745034	726211	2.83	cps
Magnesium	24-2	57188944	57344856	56809004	57114268	0.48	cps
Manganese	55-2	10345879	10368708	10262861	10325816	0.54	cps
Molybdenum	94-1	12023752	12283826	12426710	12244763	1.67	cps
Molybdenum	95-1	17391396	17937003	17892340	17740246	1.71	cps
Molybdenum	96-1	18890770	19471525	19250406	19204233	1.53	cps
Molybdenum	97-1	10785687	10873032	11007758	10888826	1.03	cps
Molybdenum	98-1	28277456	28714339	28555866	28515887	0.78	cps
Neodymium	150-1	187	160	240	196	20.83	cps
Neodymium	150-2	87	100	67	84	19.87	cps
Nickel	60-2	571156	566178	573715	570350	0.67	cps
Phosphorus	31-2	84558	83593	82786	83646	1.06	cps
Potassium	39-2	40620329	40068283	40361849	40350153	0.68	cps
Rhodium	103-1	4861965	4793101	4849526	4834864	0.76	cps
Rhodium	103-2	3026863	3056023	3018951	3033946	0.64	cps
Scandium	45-1	3527254	3560467	3579260	3555660	0.74	cps
Scandium	45-2	313069	313225	312206	312833	0.18	cps
Selenium	82-1	50423	51376	51868	51222	1.43	cps
Selenium	77-2	5248	5384	5211	5281	1.73	cps
Selenium	78-2	17390	17420	17517	17443	0.38	cps
Silicon	28-1	20946506	21302482	21438590	21229192	1.20	cps
Silver	107-1	3849498	3941181	4017442	3936041	2.14	cps
Silver	109-1	3712207	3721336	3750350	3727964	0.53	cps
Sodium	23-2	98143675	99145205	98685322	98658067	0.51	cps
Strontium	86-1	25924035	26586260	26752082	26420792	1.66	cps
Strontium	88-1	222191030	230994143	231886063	228357079	2.35	cps
Sulfur	34-1	446245	449341	449219	448268	0.39	cps
Terbium	159-1	6019099	6091503	6129902	6080168	0.93	cps
Terbium	159-2	4371192	4262886	4428837	4354305	1.93	cps
Thallium	203-1	2285793	2344723	2362424	2330980	1.72	cps
Thallium	205-1	5403833	5484552	5533210	5473865	1.19	cps
Tin	118-1	2368340	2425681	2392096	2395373	1.20	cps
Titanium	47-1	4947196	5122766	5144032	5071332	2.13	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:28:12	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6828281	7087366	7079985	6998544	2.11	cps
Vanadium	51-2	1311877	1309554	1305516	1308983	0.25	cps
Yttrium	89-1	9413606	9434799	9535252	9461219	0.69	cps
Yttrium	89-2	2499357	2508568	2504329	2504085	0.18	cps
Zinc	66-2	2707806	2716081	2673588	2699159	0.83	cps
Zirconium	90-1	5526463	5645292	5695193	5622316	1.54	cps
Zirconium	91-1	1215583	1251751	1254273	1240536	1.74	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:35:56	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	570	540	637	582	8.50	cps
Antimony	121-1	610	697	873	727	18.47	cps
Arsenic	75-2	13	23	13	17	34.65	cps
Barium	135-1	120	123	133	126	5.53	cps
Barium	137-1	183	140	207	177	19.15	cps
Beryllium	9-1	53	20	30	34	49.66	cps
Bismuth	209-1	3362179	3368963	3432294	3387812	1.14	cps
Bismuth	209-2	3039551	2975034	3022277	3012287	1.11	cps
Bromine	81-1	5688	5648	5778	5704	1.17	cps
Bromine	81-2	60	80	57	66	19.25	cps
Cadmium	108-1	13	7	20	13	49.99	cps
Cadmium	106-1	1323	1260	1393	1326	5.03	cps
Cadmium	111-1	937	894	1001	944	5.72	cps
Calcium	43-1	417	363	450	410	10.66	cps
Calcium	44-1	18111	18612	19039	18587	2.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	693	730	850	758	10.81	cps
Cobalt	59-2	90	147	153	130	26.77	cps
Copper	63-2	1200	1220	1290	1237	3.82	cps
Dysprosium	156-1	33	50	33	39	24.75	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	50	30	37	39	26.18	cps
Erbium	164-2	13	23	43	27	57.29	cps
Gadolinium	160-1	23	10	20	18	39.03	cps
Gadolinium	160-2	150	150	200	167	17.32	cps
Holmium	165-1	5789643	5799003	5824128	5804258	0.31	cps
Holmium	165-2	4322192	4226191	4253241	4267208	1.16	cps
Indium	115-1	5268525	5316664	5231572	5272254	0.81	cps
Indium	115-2	1942183	1928805	1875900	1915629	1.83	cps
Iron	56-2	20758	22170	24457	22461	8.31	cps
Iron	57-2	2924	2877	2964	2921	1.48	cps
Iron	54-2	1997	2220	2180	2132	5.59	cps
Krypton	83-1	230	223	237	230	2.90	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:35:56	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	600	623	670	631	5.65	cps
Lead	207-1	490	513	453	486	6.23	cps
Lead	208-1	2287	2283	2370	2313	2.12	cps
Lithium	6-1	709173	723142	715437	715918	0.98	cps
Magnesium	24-2	2177	2157	2727	2354	13.75	cps
Manganese	55-2	653	633	823	703	14.84	cps
Molybdenum	94-1	523	463	463	483	7.17	cps
Molybdenum	95-1	390	380	417	396	4.79	cps
Molybdenum	96-1	490	453	533	492	8.14	cps
Molybdenum	97-1	257	213	287	252	14.62	cps
Molybdenum	98-1	550	560	667	592	10.92	cps
Neodymium	150-1	13	10	7	10	33.30	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	193	147	173	171	13.68	cps
Phosphorus	31-2	87	103	100	97	9.12	cps
Potassium	39-2	84805	85102	84938	84948	0.18	cps
Rhodium	103-1	5195969	5195039	5121561	5170856	0.83	cps
Rhodium	103-2	3265265	3201612	3205524	3224133	1.11	cps
Scandium	45-1	3660653	3663918	3654487	3659686	0.13	cps
Scandium	45-2	314037	314910	312010	313653	0.47	cps
Selenium	82-1	296	288	350	311	10.82	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	340	373	343	352	5.21	cps
Silicon	28-1	345830	350040	346828	347566	0.63	cps
Silver	107-1	183	180	193	186	3.74	cps
Silver	109-1	150	167	127	148	13.60	cps
Sodium	23-2	53539	53907	54151	53866	0.57	cps
Strontium	86-1	623	600	733	652	10.92	cps
Strontium	88-1	2374	2374	3090	2612	15.84	cps
Sulfur	34-1	201007	203094	205067	203056	1.00	cps
Terbium	159-1	6029726	6031829	5994783	6018779	0.35	cps
Terbium	159-2	4265627	4293211	4258004	4272281	0.43	cps
Thallium	203-1	237	233	260	243	5.97	cps
Thallium	205-1	507	563	520	530	5.59	cps
Tin	118-1	1357	1260	1337	1318	3.87	cps
Titanium	47-1	207	193	293	231	23.49	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:35:56	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67	63	127	86	41.66	cps
Vanadium	51-2	53	67	67	62	12.38	cps
Yttrium	89-1	9435451	9619729	9401331	9485503	1.24	cps
Yttrium	89-2	2584975	2549731	2533657	2556121	1.03	cps
Zinc	66-2	733	803	803	780	5.18	cps
Zirconium	90-1	627	730	700	686	7.75	cps
Zirconium	91-1	100	103	170	124	31.73	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BL	Instrumnet Name :	P7
Client Sample ID :	PBS269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:39:17	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	373	467	423	421	11.09	cps
Antimony	121-1	267	300	303	290	6.99	cps
Arsenic	75-2	3	10	3	6	69.34	cps
Barium	135-1	67	67	107	80	28.87	cps
Barium	137-1	153	147	93	131	25.09	cps
Beryllium	9-1	27	27	33	29	13.31	cps
Bismuth	209-1	3400826	3373771	3374770	3383122	0.45	cps
Bismuth	209-2	3001777	3025753	3017136	3014889	0.40	cps
Bromine	81-1	5981	5841	5681	5835	2.57	cps
Bromine	81-2	70	77	70	72	5.33	cps
Cadmium	108-1	17	10	3	10	66.70	cps
Cadmium	106-1	1467	1533	1253	1418	10.32	cps
Cadmium	111-1	1035	1090	888	1004	10.37	cps
Calcium	43-1	297	267	380	314	18.68	cps
Calcium	44-1	17861	17424	16990	17425	2.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	803	703	677	728	9.18	cps
Cobalt	59-2	63	103	100	89	24.97	cps
Copper	63-2	703	743	773	740	4.75	cps
Dysprosium	156-1	30	30	37	32	11.95	cps
Dysprosium	156-2	10	23	13	16	44.60	cps
Erbium	164-1	53	33	27	38	36.73	cps
Erbium	164-2	27	23	10	20	44.10	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Gadolinium	160-2	147	153	170	157	7.67	cps
Holmium	165-1	5744120	5748238	5761239	5751199	0.16	cps
Holmium	165-2	4282198	4267996	4236675	4262290	0.55	cps
Indium	115-1	5344607	5342549	5241916	5309690	1.11	cps
Indium	115-2	1954563	1939087	1886213	1926621	1.86	cps
Iron	56-2	14494	14490	15491	14825	3.89	cps
Iron	57-2	2694	2804	2920	2806	4.04	cps
Iron	54-2	1570	1623	1570	1588	1.94	cps
Krypton	83-1	200	220	270	230	15.68	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BL	Instrumnet Name :	P7
Client Sample ID :	PBS269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:39:17	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	460	537	560	519	10.08	cps
Lead	207-1	450	380	400	410	8.79	cps
Lead	208-1	1900	1943	1870	1905	1.94	cps
Lithium	6-1	724893	723999	720144	723012	0.35	cps
Magnesium	24-2	1097	1213	1093	1134	6.02	cps
Manganese	55-2	430	423	470	441	5.72	cps
Molybdenum	94-1	270	267	257	264	2.62	cps
Molybdenum	95-1	200	170	237	202	16.51	cps
Molybdenum	96-1	250	217	207	224	10.11	cps
Molybdenum	97-1	97	133	107	112	16.89	cps
Molybdenum	98-1	257	210	270	246	12.83	cps
Neodymium	150-1	0	23	0	8	173.21	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	103	130	110	114	12.13	cps
Phosphorus	31-2	107	110	90	102	10.48	cps
Potassium	39-2	83929	85183	85746	84953	1.09	cps
Rhodium	103-1	5209970	5167634	5181916	5186507	0.42	cps
Rhodium	103-2	3334918	3258229	3212139	3268429	1.90	cps
Scandium	45-1	3636325	3592727	3578223	3602425	0.84	cps
Scandium	45-2	314482	310603	311983	312356	0.63	cps
Selenium	82-1	365	311	321	333	8.71	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	363	353	383	367	4.17	cps
Silicon	28-1	348637	346054	349947	348213	0.57	cps
Silver	107-1	103	90	137	110	21.85	cps
Silver	109-1	63	57	103	74	33.90	cps
Sodium	23-2	51399	51670	51894	51654	0.48	cps
Strontium	86-1	443	443	410	432	4.45	cps
Strontium	88-1	1087	1070	1183	1113	5.50	cps
Sulfur	34-1	203384	209262	204644	205763	1.50	cps
Terbium	159-1	5971687	5937250	5967443	5958793	0.32	cps
Terbium	159-2	4258117	4203907	4215812	4225945	0.67	cps
Thallium	203-1	177	170	207	184	10.59	cps
Thallium	205-1	477	480	477	478	0.40	cps
Tin	118-1	1260	1177	1287	1241	4.62	cps
Titanium	47-1	177	207	160	181	13.06	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BL	Instrumnet Name :	P7
Client Sample ID :	PBS269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:39:17	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57	30	37	41	33.76	cps
Vanadium	51-2	47	17	30	31	48.31	cps
Yttrium	89-1	9528992	9471397	9348447	9449612	0.98	cps
Yttrium	89-2	2554181	2547155	2518871	2540069	0.74	cps
Zinc	66-2	560	497	533	530	6.00	cps
Zirconium	90-1	463	507	513	494	5.49	cps
Zirconium	91-1	83	90	90	88	4.39	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BS	Instrumnet Name :	P7
Client Sample ID :	LCS269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:42:35	DataFile Name :	042LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6421	6271	6185	6292	1.90	cps
Antimony	121-1	24384	23913	24327	24208	1.06	cps
Arsenic	75-2	850	787	850	829	4.41	cps
Barium	135-1	27623	27851	26842	27439	1.93	cps
Barium	137-1	45432	47305	47643	46793	2.54	cps
Beryllium	9-1	1867	2033	1950	1950	4.27	cps
Bismuth	209-1	3339681	3302427	3313312	3318473	0.58	cps
Bismuth	209-2	2991413	2980299	2990893	2987535	0.21	cps
Bromine	81-1	5701	5855	5991	5849	2.48	cps
Bromine	81-2	60	43	57	53	16.54	cps
Cadmium	108-1	263	283	237	261	8.97	cps
Cadmium	106-1	1930	1850	1747	1842	4.99	cps
Cadmium	111-1	4754	4931	4971	4885	2.36	cps
Calcium	43-1	18792	18765	19089	18882	0.95	cps
Calcium	44-1	319975	323624	322005	321868	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13987	13943	14097	14009	0.56	cps
Cobalt	59-2	8846	8976	9213	9012	2.06	cps
Copper	63-2	14277	13873	14110	14087	1.44	cps
Dysprosium	156-1	33	33	47	38	20.39	cps
Dysprosium	156-2	20	3	3	9	108.30	cps
Erbium	164-1	63	63	20	49	51.17	cps
Erbium	164-2	27	23	23	24	7.89	cps
Gadolinium	160-1	30	33	23	29	17.63	cps
Gadolinium	160-2	157	177	187	173	8.81	cps
Holmium	165-1	5831925	5748410	5701381	5760572	1.15	cps
Holmium	165-2	4238086	4176513	4241956	4218852	0.87	cps
Indium	115-1	5210167	5191806	5187707	5196560	0.23	cps
Indium	115-2	1915396	1919555	1900130	1911694	0.54	cps
Iron	56-2	1066218	1062697	1064125	1064347	0.17	cps
Iron	57-2	29248	29275	28774	29099	0.97	cps
Iron	54-2	61026	61344	59959	60777	1.19	cps
Krypton	83-1	200	263	263	242	15.10	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BS	Instrumnet Name :	P7
Client Sample ID :	LCS269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:42:35	DataFile Name :	042LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7192	7235	7179	7202	0.41	cps
Lead	207-1	6031	6315	6442	6263	3.35	cps
Lead	208-1	27841	28202	28725	28256	1.57	cps
Lithium	6-1	703497	710930	711072	708500	0.61	cps
Magnesium	24-2	258747	255314	257306	257123	0.67	cps
Manganese	55-2	4691	4857	4724	4757	1.85	cps
Molybdenum	94-1	26411	27185	27088	26895	1.57	cps
Molybdenum	95-1	31227	31901	31524	31551	1.07	cps
Molybdenum	96-1	35246	35333	35403	35327	0.22	cps
Molybdenum	97-1	19323	20000	19597	19640	1.74	cps
Molybdenum	98-1	50601	51601	49848	50683	1.73	cps
Neodymium	150-1	17	20	13	17	20.01	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	2704	2597	2490	2597	4.11	cps
Phosphorus	31-2	103	70	117	97	24.87	cps
Potassium	39-2	433669	433166	429415	432083	0.54	cps
Rhodium	103-1	5073558	5160019	5099542	5111040	0.87	cps
Rhodium	103-2	3266721	3295442	3202138	3254767	1.47	cps
Scandium	45-1	3593596	3629051	3553194	3591947	1.06	cps
Scandium	45-2	315531	313941	310724	313399	0.78	cps
Selenium	82-1	1357	1261	1316	1311	3.65	cps
Selenium	77-2	97	120	133	117	15.91	cps
Selenium	78-2	670	760	653	694	8.26	cps
Silicon	28-1	418270	418536	417590	418132	0.12	cps
Silver	107-1	13927	14240	14234	14134	1.27	cps
Silver	109-1	13259	13667	13346	13424	1.60	cps
Sodium	23-2	466937	465259	464403	465533	0.28	cps
Strontium	86-1	4554	4624	4451	4543	1.92	cps
Strontium	88-1	36856	37371	36482	36903	1.21	cps
Sulfur	34-1	207228	208654	204327	206736	1.07	cps
Terbium	159-1	5965603	5923486	5952797	5947295	0.36	cps
Terbium	159-2	4262097	4219173	4219605	4233625	0.58	cps
Thallium	203-1	8446	8186	8776	8469	3.49	cps
Thallium	205-1	19407	19851	20038	19766	1.64	cps
Tin	118-1	1620	1430	1280	1444	11.81	cps
Titanium	47-1	9413	9363	9550	9442	1.02	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BS	Instrumnet Name :	P7
Client Sample ID :	LCS269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:42:35	DataFile Name :	042LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23578	23748	23447	23591	0.64	cps
Vanadium	51-2	26717	26290	26170	26392	1.09	cps
Yttrium	89-1	9332928	9374269	9335405	9347534	0.25	cps
Yttrium	89-2	2502748	2545802	2482322	2510291	1.29	cps
Zinc	66-2	5908	6065	5774	5916	2.45	cps
Zirconium	90-1	23011	23038	22621	22890	1.02	cps
Zirconium	91-1	5221	5248	5328	5265	1.05	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:45:56	DataFile Name :	043LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3957	3957	4014	3976	0.82	cps
Antimony	121-1	11465	11204	11765	11478	2.44	cps
Arsenic	75-2	440	390	420	417	6.04	cps
Barium	135-1	13310	12626	13276	13071	2.95	cps
Barium	137-1	22558	21450	22722	22243	3.11	cps
Beryllium	9-1	837	897	970	901	7.41	cps
Bismuth	209-1	3315102	3731529	3355165	3467265	6.63	cps
Bismuth	209-2	2976262	2999321	3048771	3008118	1.23	cps
Bromine	81-1	5498	5755	5321	5524	3.95	cps
Bromine	81-2	63	57	97	72	29.67	cps
Cadmium	108-1	127	127	147	133	8.66	cps
Cadmium	106-1	1600	1950	1477	1676	14.66	cps
Cadmium	111-1	2962	2883	2708	2851	4.56	cps
Calcium	43-1	9193	8486	9266	8982	4.80	cps
Calcium	44-1	162975	156372	164292	161213	2.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7195	7332	7035	7187	2.07	cps
Cobalt	59-2	4381	4527	4651	4520	2.99	cps
Copper	63-2	6972	7415	7235	7207	3.10	cps
Dysprosium	156-1	53	20	47	40	44.09	cps
Dysprosium	156-2	0	10	13	8	89.21	cps
Erbium	164-1	40	47	27	38	26.95	cps
Erbium	164-2	27	10	30	22	48.22	cps
Gadolinium	160-1	30	27	37	31	16.37	cps
Gadolinium	160-2	143	133	173	150	13.88	cps
Holmium	165-1	5664265	6208666	5711827	5861586	5.14	cps
Holmium	165-2	4296705	4239554	4259265	4265175	0.68	cps
Indium	115-1	5226785	5841184	5254060	5440677	6.38	cps
Indium	115-2	1916716	1882911	1953654	1917760	1.85	cps
Iron	56-2	522359	524794	524391	523848	0.25	cps
Iron	57-2	15678	15361	16195	15745	2.67	cps
Iron	54-2	30254	29486	29439	29726	1.54	cps
Krypton	83-1	250	440	223	304	38.81	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:45:56	DataFile Name :	043LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3694	3390	3731	3605	5.18	cps
Lead	207-1	3234	3130	3100	3155	2.22	cps
Lead	208-1	14913	13790	14543	14415	3.97	cps
Lithium	6-1	697187	783967	695513	725556	6.97	cps
Magnesium	24-2	126179	124069	128290	126179	1.67	cps
Manganese	55-2	2297	2527	2554	2459	5.74	cps
Molybdenum	94-1	12582	12345	12849	12592	2.00	cps
Molybdenum	95-1	14654	14474	15071	14733	2.08	cps
Molybdenum	96-1	16703	15815	16823	16447	3.35	cps
Molybdenum	97-1	9497	9223	9780	9500	2.93	cps
Molybdenum	98-1	23990	23028	24564	23861	3.25	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1293	1400	1403	1366	4.58	cps
Phosphorus	31-2	117	93	113	108	11.71	cps
Potassium	39-2	255603	250398	255651	253884	1.19	cps
Rhodium	103-1	5025028	5743689	5061171	5276629	7.67	cps
Rhodium	103-2	3242755	3194769	3258510	3232011	1.03	cps
Scandium	45-1	3542038	3938060	3583548	3687882	5.90	cps
Scandium	45-2	312005	311189	316411	313202	0.90	cps
Selenium	82-1	814	853	808	825	2.95	cps
Selenium	77-2	57	57	30	48	32.23	cps
Selenium	78-2	557	477	607	547	12.00	cps
Silicon	28-1	383584	450754	386175	406838	9.35	cps
Silver	107-1	6985	6762	6832	6859	1.67	cps
Silver	109-1	6375	6171	6588	6378	3.27	cps
Sodium	23-2	251328	248329	252497	250718	0.86	cps
Strontium	86-1	2420	2880	2474	2591	9.71	cps
Strontium	88-1	18105	16863	18906	17958	5.73	cps
Sulfur	34-1	202725	196385	200760	199957	1.62	cps
Terbium	159-1	5978691	6524538	5861823	6121684	5.78	cps
Terbium	159-2	4202142	4143765	4205316	4183741	0.83	cps
Thallium	203-1	4044	4067	4291	4134	3.30	cps
Thallium	205-1	9590	9410	9477	9492	0.96	cps
Tin	118-1	1564	1373	1373	1437	7.64	cps
Titanium	47-1	4664	4297	4767	4576	5.40	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164269BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD269	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:45:56	DataFile Name :	043LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11111	10865	11201	11059	1.58	cps
Vanadium	51-2	13176	12809	12866	12950	1.53	cps
Yttrium	89-1	9414926	10439409	9333237	9729191	6.34	cps
Yttrium	89-2	2551214	2485647	2540830	2525897	1.40	cps
Zinc	66-2	3464	3484	3497	3482	0.48	cps
Zirconium	90-1	11274	10771	11471	11172	3.23	cps
Zirconium	91-1	2514	2570	2580	2555	1.41	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BL	Instrumnet Name :	P7
Client Sample ID :	PBS271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:49:16	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	353	280	323	319	11.56	cps
Antimony	121-1	113	147	143	134	13.66	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	63	57	50	57	11.76	cps
Barium	137-1	113	73	123	103	25.61	cps
Beryllium	9-1	13	20	27	20	33.35	cps
Bismuth	209-1	3348401	3351835	3341221	3347152	0.16	cps
Bismuth	209-2	2939341	2954097	3023859	2972432	1.52	cps
Bromine	81-1	5788	5811	5738	5779	0.65	cps
Bromine	81-2	60	83	50	64	26.54	cps
Cadmium	108-1	7	13	23	14	58.06	cps
Cadmium	106-1	1420	1267	1393	1360	6.02	cps
Cadmium	111-1	1003	881	962	949	6.55	cps
Calcium	43-1	283	340	347	323	10.76	cps
Calcium	44-1	17127	17057	17514	17232	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	670	673	657	667	1.32	cps
Cobalt	59-2	57	77	73	69	15.55	cps
Copper	63-2	560	617	610	596	5.20	cps
Dysprosium	156-1	27	27	33	29	13.31	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	50	53	33	46	23.52	cps
Erbium	164-2	27	37	23	29	24.03	cps
Gadolinium	160-1	10	13	23	16	44.60	cps
Gadolinium	160-2	177	207	150	178	15.95	cps
Holmium	165-1	5659309	5720368	5672977	5684218	0.56	cps
Holmium	165-2	4200818	4283208	4274935	4252987	1.07	cps
Indium	115-1	5234079	5227635	5173446	5211720	0.64	cps
Indium	115-2	1947902	1889148	1905328	1914126	1.59	cps
Iron	56-2	12052	11708	12178	11979	2.03	cps
Iron	57-2	2757	2864	2837	2819	1.97	cps
Iron	54-2	1513	1540	1497	1517	1.44	cps
Krypton	83-1	210	217	217	214	1.80	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BL	Instrumnet Name :	P7
Client Sample ID :	PBS271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:49:16	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	327	360	323	337	6.02	cps
Lead	207-1	303	267	330	300	10.60	cps
Lead	208-1	1367	1317	1383	1356	2.56	cps
Lithium	6-1	689870	677073	678461	681801	1.03	cps
Magnesium	24-2	637	667	780	694	10.89	cps
Manganese	55-2	387	273	323	328	17.33	cps
Molybdenum	94-1	193	210	187	197	6.11	cps
Molybdenum	95-1	103	70	140	104	33.52	cps
Molybdenum	96-1	113	127	157	132	16.78	cps
Molybdenum	97-1	80	67	83	77	11.50	cps
Molybdenum	98-1	117	90	127	111	17.06	cps
Neodymium	150-1	20	7	23	17	52.90	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	110	77	90	92	18.19	cps
Phosphorus	31-2	137	93	120	117	18.74	cps
Potassium	39-2	86339	85431	86514	86095	0.68	cps
Rhodium	103-1	5170143	5149177	5050188	5123169	1.25	cps
Rhodium	103-2	3223139	3193015	3232807	3216320	0.65	cps
Scandium	45-1	3609418	3540371	3578377	3576055	0.97	cps
Scandium	45-2	317114	315506	314319	315647	0.44	cps
Selenium	82-1	351	315	340	335	5.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	370	333	367	357	5.69	cps
Silicon	28-1	351044	352828	349878	351250	0.42	cps
Silver	107-1	127	147	87	120	25.46	cps
Silver	109-1	107	80	87	91	15.23	cps
Sodium	23-2	48335	49633	48804	48924	1.34	cps
Strontium	86-1	357	417	423	399	9.20	cps
Strontium	88-1	437	447	463	449	3.00	cps
Sulfur	34-1	203520	203124	201338	202661	0.57	cps
Terbium	159-1	5831460	5923768	5983479	5912902	1.30	cps
Terbium	159-2	4216375	4245930	4225764	4229357	0.36	cps
Thallium	203-1	173	123	127	141	19.81	cps
Thallium	205-1	227	250	323	267	18.92	cps
Tin	118-1	1090	1253	1213	1186	7.18	cps
Titanium	47-1	157	183	143	161	12.64	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BL	Instrumnet Name :	P7
Client Sample ID :	PBS271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:49:16	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20	13	7	13	49.99	cps
Vanadium	51-2	23	10	3	12	83.33	cps
Yttrium	89-1	9387539	9225399	9263350	9292096	0.91	cps
Yttrium	89-2	2535157	2496211	2527592	2519653	0.82	cps
Zinc	66-2	443	410	493	449	9.34	cps
Zirconium	90-1	390	360	423	391	8.10	cps
Zirconium	91-1	60	107	93	87	27.74	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BS	Instrumnet Name :	P7
Client Sample ID :	LCS271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:52:37	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6198	6351	6275	6275	1.22	cps
Antimony	121-1	23943	24117	23690	23917	0.90	cps
Arsenic	75-2	900	887	880	889	1.15	cps
Barium	135-1	27831	27443	27790	27688	0.77	cps
Barium	137-1	46202	47717	48275	47398	2.26	cps
Beryllium	9-1	1957	1810	1863	1877	3.96	cps
Bismuth	209-1	3446446	3377309	3391586	3405114	1.07	cps
Bismuth	209-2	3056450	3058760	3070061	3061757	0.24	cps
Bromine	81-1	5825	5795	5781	5800	0.38	cps
Bromine	81-2	80	67	77	74	9.32	cps
Cadmium	108-1	263	253	330	282	14.77	cps
Cadmium	106-1	1780	1763	1757	1767	0.68	cps
Cadmium	111-1	4616	4618	4406	4546	2.68	cps
Calcium	43-1	19015	19105	19396	19172	1.04	cps
Calcium	44-1	323633	327174	324717	325175	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14340	14203	14010	14185	1.17	cps
Cobalt	59-2	9330	9210	9333	9291	0.76	cps
Copper	63-2	14430	14484	14017	14310	1.79	cps
Dysprosium	156-1	33	37	40	37	9.10	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Erbium	164-1	60	50	83	64	26.54	cps
Erbium	164-2	33	27	20	27	24.99	cps
Gadolinium	160-1	20	13	27	20	33.35	cps
Gadolinium	160-2	203	193	173	190	8.04	cps
Holmium	165-1	5804455	5730871	5799460	5778262	0.71	cps
Holmium	165-2	4252612	4274630	4259684	4262309	0.26	cps
Indium	115-1	5251309	5251687	5294953	5265983	0.48	cps
Indium	115-2	1897550	1987460	1919641	1934884	2.42	cps
Iron	56-2	1082684	1075740	1074179	1077534	0.42	cps
Iron	57-2	30207	29529	29743	29826	1.16	cps
Iron	54-2	61525	61314	61458	61433	0.18	cps
Krypton	83-1	270	217	227	238	11.92	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BS	Instrumnet Name :	P7
Client Sample ID :	LCS271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:52:37	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7072	7145	7505	7241	3.20	cps
Lead	207-1	5988	6195	6085	6089	1.70	cps
Lead	208-1	27658	28045	28462	28055	1.43	cps
Lithium	6-1	697289	706252	714570	706037	1.22	cps
Magnesium	24-2	264219	262652	260959	262610	0.62	cps
Manganese	55-2	4888	4751	4831	4823	1.42	cps
Molybdenum	94-1	26991	26424	26751	26722	1.07	cps
Molybdenum	95-1	31597	31798	32372	31923	1.26	cps
Molybdenum	96-1	34828	35152	35760	35247	1.34	cps
Molybdenum	97-1	19754	20067	19470	19764	1.51	cps
Molybdenum	98-1	50641	50460	51139	50747	0.69	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	2657	2717	2617	2664	1.89	cps
Phosphorus	31-2	117	97	120	111	11.36	cps
Potassium	39-2	439316	439830	434445	437863	0.68	cps
Rhodium	103-1	5187846	5168143	5149931	5168640	0.37	cps
Rhodium	103-2	3225525	3265598	3258440	3249854	0.66	cps
Scandium	45-1	3720409	3660401	3664016	3681609	0.91	cps
Scandium	45-2	319849	319054	318921	319275	0.16	cps
Selenium	82-1	1421	1459	1439	1440	1.30	cps
Selenium	77-2	127	137	100	121	15.65	cps
Selenium	78-2	687	603	743	678	10.39	cps
Silicon	28-1	418563	420361	419099	419341	0.22	cps
Silver	107-1	13937	14100	14404	14147	1.68	cps
Silver	109-1	13496	13520	13510	13509	0.09	cps
Sodium	23-2	470212	473131	469886	471076	0.38	cps
Strontium	86-1	4624	4574	4544	4581	0.88	cps
Strontium	88-1	36398	37241	36495	36711	1.26	cps
Sulfur	34-1	211266	212138	209465	210957	0.65	cps
Terbium	159-1	6067224	5959970	5983310	6003501	0.94	cps
Terbium	159-2	4324493	4308758	4300665	4311306	0.28	cps
Thallium	203-1	8213	8473	8459	8382	1.75	cps
Thallium	205-1	19774	19925	20011	19904	0.60	cps
Tin	118-1	1307	1443	1420	1390	5.26	cps
Titanium	47-1	9603	9530	9877	9670	1.89	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BS	Instrumnet Name :	P7
Client Sample ID :	LCS271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:52:37	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23424	23995	23160	23526	1.81	cps
Vanadium	51-2	27302	26707	27011	27007	1.10	cps
Yttrium	89-1	9440700	9405830	9443145	9429892	0.22	cps
Yttrium	89-2	2540569	2565592	2533151	2546438	0.67	cps
Zinc	66-2	6281	6221	6181	6228	0.81	cps
Zirconium	90-1	22621	22935	23292	22949	1.46	cps
Zirconium	91-1	5354	5241	5114	5237	2.29	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:55:56	DataFile Name :	046LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3320	3224	3427	3324	3.06	cps
Antimony	121-1	11588	11892	12082	11854	2.10	cps
Arsenic	75-2	493	387	483	454	12.96	cps
Barium	135-1	13850	14147	13560	13852	2.12	cps
Barium	137-1	23413	23566	23723	23567	0.66	cps
Beryllium	9-1	907	1013	953	958	5.58	cps
Bismuth	209-1	3403449	3452940	3418100	3424830	0.74	cps
Bismuth	209-2	3075556	3027917	3027001	3043491	0.91	cps
Bromine	81-1	6101	5791	6011	5968	2.67	cps
Bromine	81-2	63	83	67	71	15.07	cps
Cadmium	108-1	133	137	110	127	11.47	cps
Cadmium	106-1	1727	1687	1637	1683	2.68	cps
Cadmium	111-1	3099	2832	2942	2958	4.54	cps
Calcium	43-1	9416	9310	9797	9508	2.69	cps
Calcium	44-1	169590	169811	171964	170455	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7252	7105	7232	7196	1.11	cps
Cobalt	59-2	4874	4878	4584	4779	3.53	cps
Copper	63-2	7242	7112	7452	7268	2.36	cps
Dysprosium	156-1	27	33	43	34	24.35	cps
Dysprosium	156-2	13	10	17	13	25.01	cps
Erbium	164-1	23	37	47	36	32.93	cps
Erbium	164-2	13	33	33	27	43.31	cps
Gadolinium	160-1	20	27	40	29	35.25	cps
Gadolinium	160-2	153	177	143	158	10.84	cps
Holmium	165-1	5891573	5774450	5696844	5787622	1.69	cps
Holmium	165-2	4301757	4234636	4281454	4272615	0.81	cps
Indium	115-1	5310315	5276082	5231686	5272694	0.75	cps
Indium	115-2	1935871	1911338	1901351	1916187	0.93	cps
Iron	56-2	541777	537471	537147	538798	0.48	cps
Iron	57-2	16032	16129	16336	16165	0.96	cps
Iron	54-2	30808	31199	30638	30882	0.93	cps
Krypton	83-1	207	247	297	250	18.04	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:55:56	DataFile Name :	046LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3767	3681	3561	3669	2.83	cps
Lead	207-1	3154	3230	3284	3223	2.03	cps
Lead	208-1	14777	14507	14410	14564	1.31	cps
Lithium	6-1	709803	721391	731775	720990	1.52	cps
Magnesium	24-2	129752	128001	129984	129246	0.84	cps
Manganese	55-2	2500	2534	2704	2579	4.23	cps
Molybdenum	94-1	13179	13386	13673	13413	1.85	cps
Molybdenum	95-1	15732	16129	15822	15894	1.31	cps
Molybdenum	96-1	17397	17467	18095	17653	2.18	cps
Molybdenum	97-1	9537	9747	10250	9845	3.73	cps
Molybdenum	98-1	24537	25352	25673	25187	2.32	cps
Neodymium	150-1	7	3	7	6	34.70	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	1327	1247	1267	1280	3.25	cps
Phosphorus	31-2	117	153	143	138	13.76	cps
Potassium	39-2	257077	258632	260528	258746	0.67	cps
Rhodium	103-1	5155002	5175775	5175845	5168874	0.23	cps
Rhodium	103-2	3252896	3247562	3230017	3243491	0.37	cps
Scandium	45-1	3693446	3675508	3576919	3648624	1.72	cps
Scandium	45-2	318276	320347	318679	319101	0.34	cps
Selenium	82-1	951	904	908	921	2.84	cps
Selenium	77-2	50	70	67	62	17.22	cps
Selenium	78-2	527	450	543	507	9.82	cps
Silicon	28-1	387245	389400	389873	388839	0.36	cps
Silver	107-1	7052	7222	7255	7176	1.52	cps
Silver	109-1	6705	6778	6875	6786	1.26	cps
Sodium	23-2	253818	252060	254072	253317	0.43	cps
Strontium	86-1	2414	2590	2437	2480	3.87	cps
Strontium	88-1	18075	18635	18415	18375	1.54	cps
Sulfur	34-1	215755	218053	216497	216768	0.54	cps
Terbium	159-1	5995684	6169409	5983479	6049524	1.72	cps
Terbium	159-2	4215455	4222328	4294243	4244009	1.03	cps
Thallium	203-1	4437	4297	4017	4251	5.03	cps
Thallium	205-1	9964	9950	9784	9899	1.01	cps
Tin	118-1	1293	1207	1210	1237	3.97	cps
Titanium	47-1	4591	4771	4938	4766	3.64	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164271BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD271	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:55:56	DataFile Name :	046LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11695	11809	11822	11775	0.59	cps
Vanadium	51-2	13286	12809	13156	13084	1.89	cps
Yttrium	89-1	9526171	9552972	9506723	9528622	0.24	cps
Yttrium	89-2	2542297	2535434	2541270	2539667	0.15	cps
Zinc	66-2	3460	3307	3500	3423	2.98	cps
Zirconium	90-1	11918	11521	11428	11622	2.24	cps
Zirconium	91-1	2504	2367	2624	2498	5.14	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BL	Instrumnet Name :	P7
Client Sample ID :	PBS273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:59:17	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	297	323	383	334	13.27	cps
Antimony	121-1	87	100	97	94	7.35	cps
Arsenic	75-2	3	3	7	4	43.40	cps
Barium	135-1	57	63	63	61	6.29	cps
Barium	137-1	103	100	90	98	7.10	cps
Beryllium	9-1	37	33	27	32	15.80	cps
Bismuth	209-1	3337745	3372918	3257244	3322636	1.78	cps
Bismuth	209-2	2990331	2932119	3011434	2977961	1.38	cps
Bromine	81-1	5691	5951	5938	5860	2.50	cps
Bromine	81-2	80	63	43	62	29.51	cps
Cadmium	108-1	13	10	13	12	15.73	cps
Cadmium	106-1	1620	1457	1400	1492	7.66	cps
Cadmium	111-1	1145	1033	981	1053	7.96	cps
Calcium	43-1	340	263	313	306	12.74	cps
Calcium	44-1	17354	16810	16459	16874	2.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	820	753	740	771	5.56	cps
Cobalt	59-2	70	73	73	72	2.66	cps
Copper	63-2	653	533	587	591	10.17	cps
Dysprosium	156-1	57	37	43	46	22.36	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	43	73	57	58	26.01	cps
Erbium	164-2	17	30	40	29	40.51	cps
Gadolinium	160-1	27	30	27	28	6.92	cps
Gadolinium	160-2	187	167	153	169	9.93	cps
Holmium	165-1	5766443	5629113	5574421	5656659	1.75	cps
Holmium	165-2	4202000	4172452	4138196	4170883	0.77	cps
Indium	115-1	5304322	5168886	5106562	5193257	1.95	cps
Indium	115-2	1895489	1905771	1871247	1890836	0.94	cps
Iron	56-2	12769	12305	12409	12494	1.95	cps
Iron	57-2	2744	2870	2990	2868	4.30	cps
Iron	54-2	1393	1597	1503	1498	6.80	cps
Krypton	83-1	213	247	233	231	7.26	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BL	Instrumnet Name :	P7
Client Sample ID :	PBS273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:59:17	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	353	297	297	316	10.37	cps
Lead	207-1	253	283	267	268	5.61	cps
Lead	208-1	1207	1243	1150	1200	3.92	cps
Lithium	6-1	726234	707641	700718	711531	1.85	cps
Magnesium	24-2	657	633	597	629	4.81	cps
Manganese	55-2	507	480	540	509	5.91	cps
Molybdenum	94-1	167	170	187	174	6.14	cps
Molybdenum	95-1	80	63	130	91	38.08	cps
Molybdenum	96-1	100	133	140	124	17.22	cps
Molybdenum	97-1	33	50	57	47	25.76	cps
Molybdenum	98-1	50	110	113	91	39.12	cps
Neodymium	150-1	13	17	20	17	20.01	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	93	93	87	91	4.22	cps
Phosphorus	31-2	117	120	97	111	11.36	cps
Potassium	39-2	86343	85689	87781	86604	1.24	cps
Rhodium	103-1	5190144	5049100	5065820	5101688	1.51	cps
Rhodium	103-2	3250141	3162013	3144555	3185570	1.78	cps
Scandium	45-1	3662881	3639870	3538773	3613842	1.83	cps
Scandium	45-2	315914	313410	313281	314202	0.47	cps
Selenium	82-1	379	322	351	351	8.09	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	407	330	400	379	11.21	cps
Silicon	28-1	353759	357526	352633	354639	0.72	cps
Silver	107-1	120	110	123	118	5.89	cps
Silver	109-1	73	70	87	77	11.51	cps
Sodium	23-2	48061	47062	46958	47360	1.29	cps
Strontium	86-1	350	337	390	359	7.73	cps
Strontium	88-1	317	257	270	281	11.21	cps
Sulfur	34-1	216542	215419	213922	215294	0.61	cps
Terbium	159-1	6043659	5947164	5855326	5948716	1.58	cps
Terbium	159-2	4226308	4159594	4208207	4198036	0.82	cps
Thallium	203-1	127	133	127	129	2.99	cps
Thallium	205-1	317	270	267	284	9.83	cps
Tin	118-1	1063	1203	1160	1142	6.28	cps
Titanium	47-1	143	133	133	137	4.22	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BL	Instrumnet Name :	P7
Client Sample ID :	PBS273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 15:59:17	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27	20	7	18	57.27	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Yttrium	89-1	9463409	9571817	9304480	9446569	1.42	cps
Yttrium	89-2	2535254	2471709	2538482	2515149	1.50	cps
Zinc	66-2	483	480	427	463	6.86	cps
Zirconium	90-1	363	377	417	386	7.20	cps
Zirconium	91-1	83	87	100	90	9.80	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BS	Instrumnet Name :	P7
Client Sample ID :	LCS273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:02:36	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8673	8612	8743	8676	0.75	cps
Antimony	121-1	23609	23633	24067	23770	1.08	cps
Arsenic	75-2	920	857	857	878	4.17	cps
Barium	135-1	27684	26862	27163	27236	1.53	cps
Barium	137-1	47041	47807	47780	47542	0.91	cps
Beryllium	9-1	1830	2057	1717	1868	9.27	cps
Bismuth	209-1	3297537	3310294	3294207	3300679	0.26	cps
Bismuth	209-2	2974784	3014348	3028458	3005863	0.93	cps
Bromine	81-1	5494	5638	5795	5642	2.66	cps
Bromine	81-2	63	50	57	57	11.76	cps
Cadmium	108-1	303	280	267	283	6.55	cps
Cadmium	106-1	1730	1840	1773	1781	3.11	cps
Cadmium	111-1	4563	4619	4622	4601	0.73	cps
Calcium	43-1	18952	19142	19670	19255	1.93	cps
Calcium	44-1	322395	327738	328294	326142	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14060	14280	13713	14018	2.04	cps
Cobalt	59-2	9400	9300	9206	9302	1.04	cps
Copper	63-2	13940	14230	13820	13997	1.51	cps
Dysprosium	156-1	20	37	23	27	33.08	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	43	63	43	50	23.10	cps
Erbium	164-2	30	23	27	27	12.51	cps
Gadolinium	160-1	27	50	33	37	32.78	cps
Gadolinium	160-2	157	167	187	170	8.99	cps
Holmium	165-1	5641924	5672901	5612814	5642546	0.53	cps
Holmium	165-2	4241384	4126243	4236428	4201352	1.55	cps
Indium	115-1	5241787	5168258	5142886	5184310	0.99	cps
Indium	115-2	1923517	1910246	1884934	1906233	1.03	cps
Iron	56-2	1085375	1071167	1069822	1075454	0.80	cps
Iron	57-2	29492	30307	29636	29812	1.46	cps
Iron	54-2	60672	61291	60337	60766	0.80	cps
Krypton	83-1	253	193	223	223	13.43	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BS	Instrumnet Name :	P7
Client Sample ID :	LCS273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:02:36	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6995	6872	6675	6847	2.36	cps
Lead	207-1	6015	5908	6218	6047	2.61	cps
Lead	208-1	27798	27318	27818	27645	1.02	cps
Lithium	6-1	702609	700136	715521	706089	1.17	cps
Magnesium	24-2	262858	263930	261066	262618	0.55	cps
Manganese	55-2	4944	4554	4904	4801	4.47	cps
Molybdenum	94-1	26394	27078	26901	26791	1.33	cps
Molybdenum	95-1	31711	31614	31213	31513	0.84	cps
Molybdenum	96-1	35022	35116	35426	35188	0.60	cps
Molybdenum	97-1	19593	19486	19747	19609	0.67	cps
Molybdenum	98-1	50223	50457	51109	50596	0.91	cps
Neodymium	150-1	7	13	3	8	65.47	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2507	2767	2680	2651	4.99	cps
Phosphorus	31-2	103	127	140	123	15.05	cps
Potassium	39-2	437389	438949	439279	438539	0.23	cps
Rhodium	103-1	5096419	5132649	5087699	5105589	0.47	cps
Rhodium	103-2	3210208	3223771	3226736	3220238	0.27	cps
Scandium	45-1	3586869	3626445	3533252	3582189	1.31	cps
Scandium	45-2	316960	319198	312518	316225	1.08	cps
Selenium	82-1	1357	1378	1395	1377	1.41	cps
Selenium	77-2	117	100	100	106	9.12	cps
Selenium	78-2	730	673	760	721	6.10	cps
Silicon	28-1	424521	426803	423222	424849	0.43	cps
Silver	107-1	13863	14454	14431	14249	2.35	cps
Silver	109-1	13189	13650	13773	13538	2.27	cps
Sodium	23-2	464438	468444	461884	464922	0.71	cps
Strontium	86-1	4594	4747	4591	4644	1.93	cps
Strontium	88-1	36609	36365	37361	36778	1.41	cps
Sulfur	34-1	218898	217536	221122	219186	0.83	cps
Terbium	159-1	5937794	5944779	5938282	5940285	0.07	cps
Terbium	159-2	4203006	4165283	4117045	4161778	1.04	cps
Thallium	203-1	8386	8313	8196	8298	1.16	cps
Thallium	205-1	19671	19521	19861	19684	0.87	cps
Tin	118-1	1323	1430	1443	1399	4.70	cps
Titanium	47-1	9303	9747	9790	9613	2.80	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BS	Instrumnet Name :	P7
Client Sample ID :	LCS273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:02:36	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22856	23624	23598	23359	1.87	cps
Vanadium	51-2	27078	26954	27061	27031	0.25	cps
Yttrium	89-1	9309681	9438385	9250048	9332705	1.03	cps
Yttrium	89-2	2570776	2490522	2489837	2517045	1.85	cps
Zinc	66-2	5935	6208	6321	6155	3.23	cps
Zirconium	90-1	22768	23158	23092	23006	0.91	cps
Zirconium	91-1	5008	4874	5174	5019	3.00	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:05:58	DataFile Name :	049LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3214	3114	3194	3174	1.67	cps
Antimony	121-1	11738	11952	11555	11748	1.69	cps
Arsenic	75-2	453	497	477	476	4.56	cps
Barium	135-1	13416	13677	13453	13515	1.04	cps
Barium	137-1	22565	22982	23530	23025	2.10	cps
Beryllium	9-1	910	950	907	922	2.62	cps
Bismuth	209-1	3344218	3339556	3239658	3307811	1.79	cps
Bismuth	209-2	2926833	2932026	3022693	2960517	1.82	cps
Bromine	81-1	5564	5518	5901	5661	3.70	cps
Bromine	81-2	43	57	80	60	30.93	cps
Cadmium	108-1	140	140	163	148	9.12	cps
Cadmium	106-1	1720	1603	1567	1630	4.91	cps
Cadmium	111-1	2960	2865	2779	2868	3.15	cps
Calcium	43-1	9143	9473	9717	9444	3.05	cps
Calcium	44-1	170083	170349	172452	170961	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7005	7192	6985	7061	1.62	cps
Cobalt	59-2	4584	4511	4481	4525	1.18	cps
Copper	63-2	7292	7068	7172	7177	1.56	cps
Dysprosium	156-1	23	57	33	38	45.29	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	60	23	27	37	55.30	cps
Erbium	164-2	27	23	20	23	14.29	cps
Gadolinium	160-1	20	30	33	28	24.98	cps
Gadolinium	160-2	133	220	137	163	30.06	cps
Holmium	165-1	5828169	5669946	5574593	5690903	2.25	cps
Holmium	165-2	4169154	4150911	4163416	4161161	0.22	cps
Indium	115-1	5180688	5159209	5178585	5172827	0.23	cps
Indium	115-2	1940600	1879080	1943928	1921202	1.90	cps
Iron	56-2	538328	530495	533670	534164	0.74	cps
Iron	57-2	16135	15909	16226	16090	1.02	cps
Iron	54-2	30387	30715	30912	30671	0.86	cps
Krypton	83-1	253	340	223	272	22.26	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:05:58	DataFile Name :	049LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3634	3834	3724	3731	2.69	cps
Lead	207-1	3117	3220	3130	3156	1.78	cps
Lead	208-1	14470	14677	14597	14581	0.71	cps
Lithium	6-1	691958	695710	697556	695075	0.41	cps
Magnesium	24-2	129429	128139	128055	128541	0.60	cps
Manganese	55-2	2530	2460	2634	2541	3.43	cps
Molybdenum	94-1	13243	12973	13069	13095	1.05	cps
Molybdenum	95-1	15238	15525	15448	15404	0.96	cps
Molybdenum	96-1	16800	17153	16910	16954	1.07	cps
Molybdenum	97-1	9276	9793	9426	9499	2.80	cps
Molybdenum	98-1	24628	24825	24584	24679	0.52	cps
Neodymium	150-1	13	3	7	8	65.47	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1430	1340	1320	1363	4.30	cps
Phosphorus	31-2	160	97	83	113	36.14	cps
Potassium	39-2	260297	260922	261246	260822	0.18	cps
Rhodium	103-1	5126175	5001816	5002413	5043468	1.42	cps
Rhodium	103-2	3179382	3198962	3195436	3191260	0.33	cps
Scandium	45-1	3652034	3615598	3567880	3611838	1.17	cps
Scandium	45-2	315673	316350	316908	316310	0.20	cps
Selenium	82-1	936	767	884	862	9.99	cps
Selenium	77-2	50	50	53	51	3.76	cps
Selenium	78-2	520	533	503	519	2.90	cps
Silicon	28-1	392006	402855	393049	395970	1.51	cps
Silver	107-1	7105	7302	6978	7128	2.29	cps
Silver	109-1	6602	6592	6788	6660	1.66	cps
Sodium	23-2	253316	252544	253119	252993	0.16	cps
Strontium	86-1	2357	2520	2564	2480	4.39	cps
Strontium	88-1	18585	18478	18548	18537	0.29	cps
Sulfur	34-1	216951	218902	213571	216474	1.25	cps
Terbium	159-1	5857673	5919581	5794770	5857341	1.07	cps
Terbium	159-2	4220469	4117120	4179741	4172443	1.25	cps
Thallium	203-1	4251	4214	4261	4242	0.58	cps
Thallium	205-1	9957	9847	9724	9843	1.19	cps
Tin	118-1	1711	1500	1327	1512	12.71	cps
Titanium	47-1	4664	4584	4711	4653	1.38	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164273BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD273	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:05:58	DataFile Name :	049LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11135	11305	11739	11393	2.73	cps
Vanadium	51-2	13526	12909	13019	13151	2.50	cps
Yttrium	89-1	9288847	9266008	9355343	9303399	0.50	cps
Yttrium	89-2	2552926	2501379	2537814	2530706	1.05	cps
Zinc	66-2	3530	3507	3550	3529	0.61	cps
Zirconium	90-1	11421	11448	11441	11437	0.12	cps
Zirconium	91-1	2380	2480	2570	2477	3.84	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BL	Instrumnet Name :	P7
Client Sample ID :	PBS275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:09:15	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1170	1163	1123	1152	2.19	cps
Antimony	121-1	73	77	90	80	11.02	cps
Arsenic	75-2	10	3	10	8	49.52	cps
Barium	135-1	67	57	73	66	12.79	cps
Barium	137-1	123	93	100	106	14.92	cps
Beryllium	9-1	27	27	27	27	0.00	cps
Bismuth	209-1	3277453	3242426	3249669	3256516	0.57	cps
Bismuth	209-2	2929798	2890433	2992058	2937430	1.74	cps
Bromine	81-1	5654	5691	5761	5702	0.95	cps
Bromine	81-2	60	87	73	73	18.18	cps
Cadmium	108-1	7	13	7	9	43.25	cps
Cadmium	106-1	1580	1250	1367	1399	11.96	cps
Cadmium	111-1	1111	876	955	981	12.22	cps
Calcium	43-1	357	350	377	361	3.84	cps
Calcium	44-1	18101	18188	17701	17997	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	673	890	697	753	15.79	cps
Cobalt	59-2	63	63	63	63	0.00	cps
Copper	63-2	623	530	570	574	8.15	cps
Dysprosium	156-1	10	50	33	31	64.58	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	20	33	40	31	32.73	cps
Erbium	164-2	40	30	47	39	21.57	cps
Gadolinium	160-1	33	17	30	27	33.06	cps
Gadolinium	160-2	150	183	153	162	11.32	cps
Holmium	165-1	5729537	5587175	5639560	5652090	1.27	cps
Holmium	165-2	4147842	4243119	4187588	4192850	1.14	cps
Indium	115-1	5169432	5210016	5039343	5139597	1.73	cps
Indium	115-2	1885718	1889259	1883635	1886204	0.15	cps
Iron	56-2	11858	11888	11578	11775	1.45	cps
Iron	57-2	2790	3054	2900	2915	4.54	cps
Iron	54-2	1527	1523	1533	1528	0.33	cps
Krypton	83-1	263	220	183	222	18.02	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BL	Instrumnet Name :	P7
Client Sample ID :	PBS275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:09:15	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	237	250	303	263	13.40	cps
Lead	207-1	203	300	150	218	34.92	cps
Lead	208-1	1000	1063	937	1000	6.33	cps
Lithium	6-1	685479	684465	687459	685801	0.22	cps
Magnesium	24-2	583	630	650	621	5.51	cps
Manganese	55-2	340	357	410	369	9.91	cps
Molybdenum	94-1	147	177	200	174	15.33	cps
Molybdenum	95-1	67	83	77	76	11.10	cps
Molybdenum	96-1	67	107	63	79	30.57	cps
Molybdenum	97-1	77	43	67	62	27.50	cps
Molybdenum	98-1	83	67	50	67	25.00	cps
Neodymium	150-1	10	13	0	8	89.21	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	97	100	80	92	11.62	cps
Phosphorus	31-2	107	80	123	103	21.16	cps
Potassium	39-2	86551	86524	85203	86093	0.89	cps
Rhodium	103-1	5107577	4959866	5028765	5032070	1.47	cps
Rhodium	103-2	3214858	3163784	3148468	3175703	1.09	cps
Scandium	45-1	3632793	3606825	3626879	3622166	0.38	cps
Scandium	45-2	316156	313994	313268	314472	0.48	cps
Selenium	82-1	311	378	356	348	9.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	387	360	310	352	11.05	cps
Silicon	28-1	361869	359807	359791	360489	0.33	cps
Silver	107-1	113	110	113	112	1.71	cps
Silver	109-1	93	87	87	89	4.33	cps
Sodium	23-2	46537	45417	46754	46236	1.55	cps
Strontium	86-1	373	387	433	398	7.92	cps
Strontium	88-1	230	237	253	240	5.01	cps
Sulfur	34-1	213159	215866	210748	213258	1.20	cps
Terbium	159-1	5931072	5859081	5873821	5887991	0.65	cps
Terbium	159-2	4165546	4064920	4201654	4144040	1.71	cps
Thallium	203-1	70	83	107	87	21.42	cps
Thallium	205-1	197	183	240	207	14.34	cps
Tin	118-1	1250	1247	1313	1270	2.96	cps
Titanium	47-1	167	110	170	149	22.65	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BL	Instrumnet Name :	P7
Client Sample ID :	PBS275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:09:15	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3	7	10	7	50.03	cps
Vanadium	51-2	10	30	23	21	48.24	cps
Yttrium	89-1	9432468	9241718	9228970	9301052	1.23	cps
Yttrium	89-2	2535760	2531733	2499912	2522468	0.78	cps
Zinc	66-2	593	537	500	543	8.65	cps
Zirconium	90-1	373	400	380	384	3.61	cps
Zirconium	91-1	63	90	100	84	22.45	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BS	Instrumnet Name :	P7
Client Sample ID :	LCS275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:12:36	DataFile Name :	051LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6498	6271	6305	6358	1.93	cps
Antimony	121-1	23322	23763	24184	23756	1.81	cps
Arsenic	75-2	780	853	933	856	8.96	cps
Barium	135-1	27226	27092	28158	27492	2.11	cps
Barium	137-1	46660	47586	46543	46929	1.22	cps
Beryllium	9-1	1697	1763	1710	1723	2.05	cps
Bismuth	209-1	3373438	3342116	3304175	3339910	1.04	cps
Bismuth	209-2	2975929	3060727	3080447	3039034	1.83	cps
Bromine	81-1	5855	5751	6078	5895	2.83	cps
Bromine	81-2	63	57	80	67	18.03	cps
Cadmium	108-1	220	240	260	240	8.33	cps
Cadmium	106-1	1847	1887	1860	1865	1.09	cps
Cadmium	111-1	4659	4767	4757	4728	1.26	cps
Calcium	43-1	19055	19509	19239	19268	1.19	cps
Calcium	44-1	320268	326810	323303	323460	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14414	14474	13997	14295	1.82	cps
Cobalt	59-2	9286	9373	9153	9271	1.20	cps
Copper	63-2	14023	13937	14197	14052	0.94	cps
Dysprosium	156-1	37	53	53	48	20.13	cps
Dysprosium	156-2	13	13	17	14	13.35	cps
Erbium	164-1	50	40	33	41	20.41	cps
Erbium	164-2	13	30	40	28	48.51	cps
Gadolinium	160-1	17	43	7	22	85.27	cps
Gadolinium	160-2	207	170	160	179	13.74	cps
Holmium	165-1	5781064	5789471	5677991	5749509	1.08	cps
Holmium	165-2	4247942	4245845	4242242	4245343	0.07	cps
Indium	115-1	5220176	5319833	5261102	5267037	0.95	cps
Indium	115-2	1940140	1919386	1950010	1936512	0.81	cps
Iron	56-2	1081687	1073478	1083715	1079627	0.50	cps
Iron	57-2	29977	29860	29502	29780	0.83	cps
Iron	54-2	61304	61984	61495	61594	0.57	cps
Krypton	83-1	200	257	237	231	12.44	cps

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On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BS	Instrumnet Name :	P7
Client Sample ID :	LCS275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:12:36	DataFile Name :	051LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6782	7079	7145	7002	2.76	cps
Lead	207-1	6128	6151	5978	6086	1.55	cps
Lead	208-1	27585	27921	28032	27846	0.84	cps
Lithium	6-1	682583	688074	696653	689103	1.03	cps
Magnesium	24-2	262997	262755	263694	263149	0.19	cps
Manganese	55-2	4581	4854	4824	4753	3.15	cps
Molybdenum	94-1	26254	26724	26507	26495	0.89	cps
Molybdenum	95-1	30632	31050	31678	31120	1.69	cps
Molybdenum	96-1	34862	35680	34608	35050	1.60	cps
Molybdenum	97-1	19476	19690	19927	19698	1.14	cps
Molybdenum	98-1	49805	50102	50387	50098	0.58	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	2880	2567	2640	2696	6.08	cps
Phosphorus	31-2	127	137	113	126	9.32	cps
Potassium	39-2	438114	440707	443674	440831	0.63	cps
Rhodium	103-1	5165792	5105858	5076505	5116052	0.89	cps
Rhodium	103-2	3205366	3195787	3204226	3201793	0.16	cps
Scandium	45-1	3696010	3630383	3602383	3642925	1.32	cps
Scandium	45-2	319988	318591	320138	319572	0.27	cps
Selenium	82-1	1421	1436	1465	1441	1.54	cps
Selenium	77-2	127	70	120	106	29.34	cps
Selenium	78-2	803	907	740	817	10.30	cps
Silicon	28-1	427774	431916	430238	429976	0.48	cps
Silver	107-1	14060	14524	14184	14256	1.68	cps
Silver	109-1	13580	13216	13647	13481	1.72	cps
Sodium	23-2	469879	466403	468159	468147	0.37	cps
Strontium	86-1	4491	4364	4467	4441	1.52	cps
Strontium	88-1	36733	35930	36479	36381	1.13	cps
Sulfur	34-1	218644	220836	221569	220350	0.69	cps
Terbium	159-1	5973640	5961134	6011757	5982177	0.44	cps
Terbium	159-2	4188848	4288441	4229801	4235697	1.18	cps
Thallium	203-1	8339	8279	8142	8254	1.22	cps
Thallium	205-1	19307	19140	19204	19217	0.44	cps
Tin	118-1	1223	1400	1350	1325	6.88	cps
Titanium	47-1	9677	9386	9710	9591	1.86	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BS	Instrumnet Name :	P7
Client Sample ID :	LCS275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:12:36	DataFile Name :	051LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23297	22953	22843	23031	1.03	cps
Vanadium	51-2	27024	27051	26276	26784	1.64	cps
Yttrium	89-1	9550217	9489443	9515298	9518319	0.32	cps
Yttrium	89-2	2567712	2575797	2544237	2562582	0.64	cps
Zinc	66-2	5995	5888	6165	6016	2.32	cps
Zirconium	90-1	23269	22988	22317	22858	2.14	cps
Zirconium	91-1	5128	4881	5174	5061	3.12	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:15:54	DataFile Name :	052LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3530	3380	3400	3437	2.37	cps
Antimony	121-1	11962	12322	12015	12100	1.61	cps
Arsenic	75-2	433	387	480	433	10.77	cps
Barium	135-1	13803	13920	14297	14007	1.84	cps
Barium	137-1	23393	24575	24074	24014	2.47	cps
Beryllium	9-1	980	937	920	946	3.28	cps
Bismuth	209-1	3397829	3395956	3034265	3276017	6.39	cps
Bismuth	209-2	3000487	2942255	2974722	2972488	0.98	cps
Bromine	81-1	5845	5925	5851	5873	0.76	cps
Bromine	81-2	67	87	60	71	19.52	cps
Cadmium	108-1	120	133	180	144	21.81	cps
Cadmium	106-1	1750	1693	1467	1637	9.16	cps
Cadmium	111-1	3058	2962	2731	2917	5.76	cps
Calcium	43-1	9840	10234	9930	10001	2.06	cps
Calcium	44-1	174040	174701	175820	174854	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7345	7505	7679	7510	2.22	cps
Cobalt	59-2	4918	5028	4787	4911	2.45	cps
Copper	63-2	7549	7499	7272	7440	1.98	cps
Dysprosium	156-1	40	47	23	37	32.79	cps
Dysprosium	156-2	7	17	0	8	107.84	cps
Erbium	164-1	50	47	53	50	6.66	cps
Erbium	164-2	43	33	30	36	19.51	cps
Gadolinium	160-1	37	40	3	27	76.04	cps
Gadolinium	160-2	180	197	197	191	5.04	cps
Holmium	165-1	5816788	5769932	5288343	5625021	5.20	cps
Holmium	165-2	4238505	4239440	4254995	4244313	0.22	cps
Indium	115-1	5313945	5368424	4665882	5116084	7.64	cps
Indium	115-2	1969684	1926751	1944632	1947023	1.11	cps
Iron	56-2	560425	562029	562565	561673	0.20	cps
Iron	57-2	17287	16736	16850	16957	1.71	cps
Iron	54-2	32425	31794	32084	32101	0.98	cps
Krypton	83-1	227	233	263	241	8.10	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:15:54	DataFile Name :	052LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3827	3894	3834	3852	0.95	cps
Lead	207-1	3204	3534	3140	3293	6.42	cps
Lead	208-1	14863	14800	14540	14734	1.16	cps
Lithium	6-1	703762	723907	639423	689031	6.40	cps
Magnesium	24-2	136049	135585	135522	135719	0.21	cps
Manganese	55-2	2614	2707	2697	2672	1.92	cps
Molybdenum	94-1	13410	13513	14130	13684	2.85	cps
Molybdenum	95-1	16146	16232	15875	16085	1.16	cps
Molybdenum	96-1	17801	17601	17698	17700	0.57	cps
Molybdenum	97-1	10050	9837	10120	10002	1.48	cps
Molybdenum	98-1	26227	25372	26304	25968	1.99	cps
Neodymium	150-1	10	13	17	13	25.01	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1520	1350	1427	1432	5.94	cps
Phosphorus	31-2	107	110	127	114	9.36	cps
Potassium	39-2	270963	269578	270023	270188	0.26	cps
Rhodium	103-1	5203654	5185319	4663777	5017583	6.11	cps
Rhodium	103-2	3261054	3267475	3223402	3250644	0.73	cps
Scandium	45-1	3683776	3672145	3303548	3553156	6.09	cps
Scandium	45-2	323626	320553	321849	322009	0.48	cps
Selenium	82-1	939	874	882	898	3.92	cps
Selenium	77-2	63	70	33	56	35.16	cps
Selenium	78-2	550	580	560	563	2.71	cps
Silicon	28-1	396305	398886	403713	399634	0.94	cps
Silver	107-1	7135	7282	7219	7212	1.02	cps
Silver	109-1	6785	6748	6868	6801	0.90	cps
Sodium	23-2	266579	261951	263550	264027	0.89	cps
Strontium	86-1	2620	2344	2614	2526	6.25	cps
Strontium	88-1	19109	19012	18959	19027	0.40	cps
Sulfur	34-1	222699	221411	219922	221344	0.63	cps
Terbium	159-1	5913835	6101379	5418535	5811250	6.07	cps
Terbium	159-2	4302806	4267223	4261290	4277106	0.52	cps
Thallium	203-1	4304	4287	4327	4306	0.47	cps
Thallium	205-1	10301	10010	10090	10134	1.48	cps
Tin	118-1	1297	1373	1297	1322	3.35	cps
Titanium	47-1	4844	4904	4891	4880	0.65	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	PB164275BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD275	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:15:54	DataFile Name :	052LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11225	11835	11835	11632	3.03	cps
Vanadium	51-2	13953	13997	13506	13819	1.96	cps
Yttrium	89-1	9470516	9404787	8647722	9174342	4.98	cps
Yttrium	89-2	2586100	2596305	2557327	2579911	0.78	cps
Zinc	66-2	3337	3404	3374	3372	0.99	cps
Zirconium	90-1	11838	11685	11505	11676	1.43	cps
Zirconium	91-1	2747	2677	2640	2688	2.02	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:19:14	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1185181	1178665	1160739	1174861	1.08	cps
Antimony	121-1	2664	2720	2877	2754	4.01	cps
Arsenic	75-2	14424	14641	14714	14593	1.03	cps
Barium	135-1	85300	87688	86554	86514	1.38	cps
Barium	137-1	146843	147842	150116	148267	1.13	cps
Beryllium	9-1	267	317	297	293	8.58	cps
Bismuth	209-1	3265361	3351523	3277557	3298147	1.41	cps
Bismuth	209-2	2988665	2972828	2930309	2963934	1.02	cps
Bromine	81-1	6178	6328	6348	6285	1.48	cps
Bromine	81-2	143	210	150	168	21.88	cps
Cadmium	108-1	57	63	83	68	20.47	cps
Cadmium	106-1	1707	1677	1580	1655	4.00	cps
Cadmium	111-1	1912	1823	1794	1843	3.32	cps
Calcium	43-1	58175	58375	58599	58383	0.36	cps
Calcium	44-1	955463	974547	979322	969777	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30758	30684	31303	30915	1.09	cps
Cobalt	59-2	40217	39986	39689	39964	0.66	cps
Copper	63-2	139087	138346	138222	138552	0.34	cps
Dysprosium	156-1	9316	10297	9827	9814	5.00	cps
Dysprosium	156-2	8800	8910	8656	8788	1.45	cps
Erbium	164-1	8042	8049	8156	8082	0.79	cps
Erbium	164-2	5798	6265	5905	5989	4.08	cps
Gadolinium	160-1	9323	9854	9533	9570	2.79	cps
Gadolinium	160-2	7462	7279	7502	7414	1.61	cps
Holmium	165-1	5764956	5790958	5727631	5761182	0.55	cps
Holmium	165-2	4281874	4187150	4268129	4245718	1.21	cps
Indium	115-1	5250963	5265384	5153499	5223282	1.17	cps
Indium	115-2	1940279	1904827	1931367	1925491	0.96	cps
Iron	56-2	53217151	52036878	52405691	52553240	1.15	cps
Iron	57-2	1362509	1343253	1348160	1351307	0.74	cps
Iron	54-2	2947534	2935607	2918097	2933746	0.50	cps
Krypton	83-1	253	217	300	257	16.27	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:19:14	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	104535	105999	105818	105450	0.76	cps
Lead	207-1	95476	96261	96113	95950	0.43	cps
Lead	208-1	422631	425625	426446	424901	0.47	cps
Lithium	6-1	702867	697940	688288	696365	1.06	cps
Magnesium	24-2	869011	865352	870613	868325	0.31	cps
Manganese	55-2	745109	739349	746534	743664	0.51	cps
Molybdenum	94-1	6958	6955	6992	6968	0.29	cps
Molybdenum	95-1	1047	1017	1167	1077	7.37	cps
Molybdenum	96-1	2787	2634	2670	2697	2.97	cps
Molybdenum	97-1	610	720	673	668	8.27	cps
Molybdenum	98-1	1667	1540	1550	1586	4.44	cps
Neodymium	150-1	17284	17634	17875	17598	1.69	cps
Neodymium	150-2	11001	11528	11004	11178	2.71	cps
Nickel	60-2	10787	11028	11301	11039	2.33	cps
Phosphorus	31-2	6672	6748	6578	6666	1.28	cps
Potassium	39-2	745059	742539	739101	742233	0.40	cps
Rhodium	103-1	5236235	5192899	5145720	5191618	0.87	cps
Rhodium	103-2	3193313	3248457	3191927	3211232	1.00	cps
Scandium	45-1	3642309	3741514	3705189	3696337	1.36	cps
Scandium	45-2	327661	327306	325871	326946	0.29	cps
Selenium	82-1	375	460	342	392	15.50	cps
Selenium	77-2	47	37	30	38	22.21	cps
Selenium	78-2	383	410	387	393	3.69	cps
Silicon	28-1	5188134	5358024	5299496	5281885	1.63	cps
Silver	107-1	1563	1367	1280	1403	10.35	cps
Silver	109-1	1457	1390	1307	1385	5.43	cps
Sodium	23-2	64458	65368	65813	65213	1.06	cps
Strontium	86-1	31059	31243	30609	30970	1.05	cps
Strontium	88-1	264457	268916	267875	267082	0.87	cps
Sulfur	34-1	210104	202983	198663	203917	2.83	cps
Terbium	159-1	5959801	6031585	5973076	5988154	0.64	cps
Terbium	159-2	4230796	4246719	4242738	4240084	0.20	cps
Thallium	203-1	397	460	430	429	7.39	cps
Thallium	205-1	1017	933	1007	986	4.62	cps
Tin	118-1	3971	4171	4211	4117	3.12	cps
Titanium	47-1	242247	249254	246304	245935	1.43	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:19:14	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2444	2587	2320	2450	5.45	cps
Vanadium	51-2	97979	95943	96309	96744	1.12	cps
Yttrium	89-1	9529073	9671928	9574637	9591879	0.76	cps
Yttrium	89-2	2640419	2637191	2611287	2629632	0.61	cps
Zinc	66-2	62453	62922	62246	62540	0.55	cps
Zirconium	90-1	17334	17450	17310	17365	0.43	cps
Zirconium	91-1	3767	3821	3974	3854	2.78	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17D	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:22:29	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1173241	1176760	1161769	1170590	0.67	cps
Antimony	121-1	2740	2757	2527	2675	4.80	cps
Arsenic	75-2	14410	14547	14247	14402	1.04	cps
Barium	135-1	85454	87634	86511	86533	1.26	cps
Barium	137-1	148159	147587	147964	147903	0.20	cps
Beryllium	9-1	270	330	260	287	13.21	cps
Bismuth	209-1	3282677	3318702	3299097	3300159	0.55	cps
Bismuth	209-2	2934638	2933992	2958592	2942407	0.48	cps
Bromine	81-1	6065	5988	6431	6161	3.85	cps
Bromine	81-2	160	157	250	189	28.03	cps
Cadmium	108-1	70	57	103	77	31.35	cps
Cadmium	106-1	1600	1667	1617	1628	2.13	cps
Cadmium	111-1	1758	1837	1759	1785	2.54	cps
Calcium	43-1	55792	57636	57920	57116	2.02	cps
Calcium	44-1	944821	967588	964956	959122	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30421	30190	30738	30450	0.90	cps
Cobalt	59-2	39900	38686	38690	39092	1.79	cps
Copper	63-2	136466	136860	135891	136406	0.36	cps
Dysprosium	156-1	10037	10104	10221	10120	0.92	cps
Dysprosium	156-2	8546	8779	8903	8743	2.07	cps
Erbium	164-1	7979	8293	8309	8194	2.27	cps
Erbium	164-2	6198	6301	6405	6301	1.64	cps
Gadolinium	160-1	9620	9830	9443	9631	2.01	cps
Gadolinium	160-2	7545	7492	7539	7525	0.39	cps
Holmium	165-1	5725648	5752622	5625301	5701190	1.18	cps
Holmium	165-2	4218718	4263307	4268396	4250140	0.64	cps
Indium	115-1	5173117	5189040	5179362	5180506	0.15	cps
Indium	115-2	1908949	1894238	1911863	1905017	0.50	cps
Iron	56-2	51814583	51865693	51163069	51614448	0.76	cps
Iron	57-2	1307727	1327937	1317593	1317753	0.77	cps
Iron	54-2	2811514	2879927	2906763	2866068	1.71	cps
Krypton	83-1	280	270	210	253	14.95	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17D	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:22:29	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	105263	106782	105132	105726	0.87	cps
Lead	207-1	94298	96009	95852	95386	0.99	cps
Lead	208-1	419417	425892	425075	423461	0.83	cps
Lithium	6-1	653313	653525	650610	652482	0.25	cps
Magnesium	24-2	849911	858371	847166	851816	0.69	cps
Manganese	55-2	736958	737527	735882	736789	0.11	cps
Molybdenum	94-1	6695	6845	6872	6804	1.40	cps
Molybdenum	95-1	1073	1080	1060	1071	0.95	cps
Molybdenum	96-1	2450	2637	2624	2570	4.05	cps
Molybdenum	97-1	557	630	713	633	12.38	cps
Molybdenum	98-1	1427	1553	1467	1482	4.37	cps
Neodymium	150-1	17327	17838	17868	17678	1.72	cps
Neodymium	150-2	10854	10738	10791	10794	0.54	cps
Nickel	60-2	10664	11074	10537	10758	2.61	cps
Phosphorus	31-2	6345	6341	6425	6370	0.74	cps
Potassium	39-2	728288	731522	728932	729580	0.23	cps
Rhodium	103-1	5143896	5103296	5044503	5097232	0.98	cps
Rhodium	103-2	3216893	3175768	3176978	3189880	0.73	cps
Scandium	45-1	3655636	3627720	3668543	3650633	0.57	cps
Scandium	45-2	327924	321594	323994	324504	0.98	cps
Selenium	82-1	376	420	448	415	8.82	cps
Selenium	77-2	57	47	40	48	17.56	cps
Selenium	78-2	407	357	403	389	7.19	cps
Silicon	28-1	5243942	5527660	5483225	5418276	2.82	cps
Silver	107-1	1330	1383	1313	1342	2.72	cps
Silver	109-1	1013	1250	1177	1147	10.57	cps
Sodium	23-2	67420	68291	67273	67661	0.81	cps
Strontium	86-1	30495	31173	30685	30784	1.14	cps
Strontium	88-1	260985	265577	263788	263450	0.88	cps
Sulfur	34-1	182411	182006	178337	180918	1.24	cps
Terbium	159-1	5990614	6047658	6030928	6023067	0.49	cps
Terbium	159-2	4254530	4160758	4187327	4200872	1.15	cps
Thallium	203-1	367	330	333	343	5.91	cps
Thallium	205-1	913	797	897	869	7.26	cps
Tin	118-1	3904	3921	4780	4201	11.92	cps
Titanium	47-1	241969	245429	244661	244020	0.74	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17D	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:22:29	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2517	2494	2427	2479	1.88	cps
Vanadium	51-2	95416	95815	94537	95256	0.69	cps
Yttrium	89-1	9541234	9571148	9652512	9588298	0.60	cps
Yttrium	89-2	2626643	2575357	2590045	2597349	1.02	cps
Zinc	66-2	61791	61299	61115	61401	0.57	cps
Zirconium	90-1	16646	17117	17364	17042	2.14	cps
Zirconium	91-1	3590	3650	3851	3697	3.68	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB17L	Dilution Factor :	20
Date & Time Acquired :	2024-10-28 16:25:46	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	228835	228431	229531	228932	0.24	cps
Antimony	121-1	573	520	630	574	9.58	cps
Arsenic	75-2	2834	2824	2964	2874	2.72	cps
Barium	135-1	16860	16286	16777	16641	1.86	cps
Barium	137-1	28499	27530	28926	28318	2.53	cps
Beryllium	9-1	67	63	103	78	28.53	cps
Bismuth	209-1	3273270	3465905	3358578	3365918	2.87	cps
Bismuth	209-2	2969102	3012745	2942879	2974909	1.19	cps
Bromine	81-1	5988	5985	6048	6007	0.59	cps
Bromine	81-2	97	77	80	84	12.69	cps
Cadmium	108-1	13	7	27	16	65.47	cps
Cadmium	106-1	1507	1630	1403	1513	7.50	cps
Cadmium	111-1	1169	1293	1097	1186	8.36	cps
Calcium	43-1	11301	10921	11665	11295	3.29	cps
Calcium	44-1	197814	191052	203353	197406	3.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6595	6381	6465	6480	1.66	cps
Cobalt	59-2	7555	7865	7785	7735	2.08	cps
Copper	63-2	26874	27201	26854	26977	0.72	cps
Dysprosium	156-1	2074	1837	1953	1955	6.06	cps
Dysprosium	156-2	1700	1760	1810	1757	3.14	cps
Erbium	164-1	1587	1550	1623	1587	2.31	cps
Erbium	164-2	1193	1140	1170	1168	2.29	cps
Gadolinium	160-1	1843	1787	1823	1818	1.58	cps
Gadolinium	160-2	1473	1607	1400	1493	7.02	cps
Holmium	165-1	5693012	6128869	5676237	5832706	4.40	cps
Holmium	165-2	4232863	4198588	4179487	4203646	0.64	cps
Indium	115-1	5148519	5531126	5198830	5292825	3.93	cps
Indium	115-2	1884712	1862629	1884829	1877390	0.68	cps
Iron	56-2	10108249	10152641	9988537	10083142	0.84	cps
Iron	57-2	259131	258924	259878	259311	0.19	cps
Iron	54-2	583544	579112	580754	581137	0.39	cps
Krypton	83-1	313	427	257	332	26.06	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB17L	Dilution Factor :	20
Date & Time Acquired :	2024-10-28 16:25:46	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20596	19714	20679	20330	2.63	cps
Lead	207-1	18690	17718	18609	18339	2.94	cps
Lead	208-1	82932	79140	83303	81792	2.82	cps
Lithium	6-1	658119	715296	657783	677066	4.89	cps
Magnesium	24-2	166930	167196	167657	167261	0.22	cps
Manganese	55-2	144355	143057	144393	143935	0.53	cps
Molybdenum	94-1	1330	1540	1477	1449	7.44	cps
Molybdenum	95-1	283	253	227	254	11.14	cps
Molybdenum	96-1	517	593	537	549	7.25	cps
Molybdenum	97-1	173	163	123	153	17.25	cps
Molybdenum	98-1	340	403	317	353	12.69	cps
Neodymium	150-1	3377	3324	3484	3395	2.40	cps
Neodymium	150-2	2057	2087	2190	2111	3.31	cps
Nickel	60-2	2167	2054	2090	2104	2.75	cps
Phosphorus	31-2	1287	1393	1290	1323	4.58	cps
Potassium	39-2	214107	213740	211944	213264	0.54	cps
Rhodium	103-1	5138474	5413264	5092506	5214748	3.33	cps
Rhodium	103-2	3238439	3223227	3182891	3214852	0.89	cps
Scandium	45-1	3574228	3828849	3594269	3665782	3.86	cps
Scandium	45-2	321892	320982	318297	320391	0.58	cps
Selenium	82-1	311	387	327	342	11.65	cps
Selenium	77-2	17	10	10	12	31.50	cps
Selenium	78-2	413	307	310	343	17.66	cps
Silicon	28-1	1399017	1403678	1381902	1394866	0.82	cps
Silver	107-1	247	263	303	271	10.74	cps
Silver	109-1	200	283	267	250	17.64	cps
Sodium	23-2	52492	52978	52700	52723	0.46	cps
Strontium	86-1	6131	6345	6772	6416	5.08	cps
Strontium	88-1	50731	48979	51664	50458	2.70	cps
Sulfur	34-1	171251	168535	169862	169883	0.80	cps
Terbium	159-1	5937531	6308189	5964345	6070022	3.41	cps
Terbium	159-2	4182051	4171273	4195927	4183084	0.30	cps
Thallium	203-1	140	180	127	149	18.64	cps
Thallium	205-1	293	460	257	337	32.19	cps
Tin	118-1	2057	1847	1917	1940	5.51	cps
Titanium	47-1	47494	46110	47896	47167	1.99	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB17L	Dilution Factor :	20
Date & Time Acquired :	2024-10-28 16:25:46	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	620	483	547	550	12.44	cps
Vanadium	51-2	18004	18685	19256	18648	3.36	cps
Yttrium	89-1	9349474	10051128	9339872	9580158	4.26	cps
Yttrium	89-2	2557588	2541857	2527022	2542156	0.60	cps
Zinc	66-2	12649	12322	12205	12392	1.86	cps
Zirconium	90-1	3654	3594	3424	3557	3.35	cps
Zirconium	91-1	773	723	907	801	11.83	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17S	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:29:03	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1215479	1222451	1203427	1213786	0.79	cps
Antimony	121-1	102321	103419	104261	103334	0.94	cps
Arsenic	75-2	17130	17357	17057	17181	0.91	cps
Barium	135-1	543784	543632	547786	545067	0.43	cps
Barium	137-1	937567	950583	939905	942685	0.74	cps
Beryllium	9-1	7705	7742	7499	7649	1.72	cps
Bismuth	209-1	3365654	3345904	3274810	3328789	1.44	cps
Bismuth	209-2	2922130	2890870	2911245	2908082	0.55	cps
Bromine	81-1	5968	6001	6038	6002	0.58	cps
Bromine	81-2	123	180	163	156	18.72	cps
Cadmium	108-1	877	870	960	902	5.56	cps
Cadmium	106-1	2770	2617	2694	2694	2.85	cps
Cadmium	111-1	13688	13678	13422	13596	1.11	cps
Calcium	43-1	56886	58118	57073	57359	1.16	cps
Calcium	44-1	956438	958396	961893	958909	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130886	132177	131843	131636	0.51	cps
Cobalt	59-2	421068	420813	419401	420427	0.21	cps
Copper	63-2	268508	266381	266395	267095	0.46	cps
Dysprosium	156-1	9773	9587	9603	9654	1.07	cps
Dysprosium	156-2	8813	8576	8873	8754	1.79	cps
Erbium	164-1	8079	8396	8656	8377	3.45	cps
Erbium	164-2	5988	5961	5938	5962	0.42	cps
Gadolinium	160-1	9513	9337	9647	9499	1.64	cps
Gadolinium	160-2	7392	7549	7592	7511	1.40	cps
Holmium	165-1	5735161	5745931	5626330	5702474	1.16	cps
Holmium	165-2	4197596	4239592	4127883	4188357	1.35	cps
Indium	115-1	5179111	5240421	5200424	5206652	0.60	cps
Indium	115-2	1909903	1906185	1899714	1905267	0.27	cps
Iron	56-2	52012803	51696368	51765288	51824819	0.32	cps
Iron	57-2	1331334	1343428	1279816	1318193	2.56	cps
Iron	54-2	2901652	2926951	2899719	2909441	0.52	cps
Krypton	83-1	327	260	227	271	18.78	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17S	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:29:03	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	117061	117220	117687	117323	0.28	cps
Lead	207-1	104179	106507	105942	105542	1.15	cps
Lead	208-1	470123	471790	473503	471806	0.36	cps
Lithium	6-1	679611	685988	659235	674945	2.07	cps
Magnesium	24-2	852333	854237	849269	851947	0.29	cps
Manganese	55-2	910128	907932	896785	904948	0.79	cps
Molybdenum	94-1	6868	7032	6898	6933	1.25	cps
Molybdenum	95-1	953	990	1073	1006	6.12	cps
Molybdenum	96-1	2560	2550	2317	2476	5.56	cps
Molybdenum	97-1	703	570	670	648	10.71	cps
Molybdenum	98-1	1587	1433	1637	1552	6.83	cps
Neodymium	150-1	17214	17104	17524	17281	1.26	cps
Neodymium	150-2	11021	11054	10631	10902	2.16	cps
Nickel	60-2	107570	109345	108124	108346	0.84	cps
Phosphorus	31-2	6071	6278	6485	6278	3.29	cps
Potassium	39-2	723580	727765	729949	727098	0.45	cps
Rhodium	103-1	5102261	5011045	5031081	5048129	0.95	cps
Rhodium	103-2	3170732	3223841	3085499	3160024	2.21	cps
Scandium	45-1	3629682	3680665	3608087	3639478	1.02	cps
Scandium	45-2	320363	322859	318970	320730	0.61	cps
Selenium	82-1	1971	2066	2203	2080	5.61	cps
Selenium	77-2	220	200	190	203	7.51	cps
Selenium	78-2	1103	910	1020	1011	9.59	cps
Silicon	28-1	5393234	5448922	5632797	5491651	2.28	cps
Silver	107-1	53271	55663	54756	54563	2.21	cps
Silver	109-1	51448	51699	51766	51637	0.32	cps
Sodium	23-2	67182	68056	67929	67723	0.70	cps
Strontium	86-1	30238	31243	30348	30610	1.80	cps
Strontium	88-1	264262	267646	264236	265381	0.74	cps
Sulfur	34-1	170152	166735	167881	168256	1.03	cps
Terbium	159-1	6073702	6074773	5916633	6021702	1.51	cps
Terbium	159-2	4218553	4183572	4151369	4184498	0.80	cps
Thallium	203-1	34153	34183	33421	33919	1.27	cps
Thallium	205-1	80131	80405	80292	80276	0.17	cps
Tin	118-1	3584	3937	3861	3794	4.90	cps
Titanium	47-1	242171	248545	247013	245910	1.35	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17S	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:29:03	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2560	2774	2677	2670	4.00	cps
Vanadium	51-2	318244	317555	318778	318192	0.19	cps
Yttrium	89-1	9556379	9558368	9470744	9528497	0.53	cps
Yttrium	89-2	2604261	2560897	2548818	2571325	1.13	cps
Zinc	66-2	105039	104540	105899	105159	0.65	cps
Zirconium	90-1	17013	17694	17384	17364	1.96	cps
Zirconium	91-1	3827	3774	3887	3829	1.48	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:32:20	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1366401	1329730	1328250	1341460	1.61	cps
Antimony	121-1	426508	431328	431265	429700	0.64	cps
Arsenic	75-2	25555	26100	25195	25617	1.78	cps
Barium	135-1	2243551	2299643	2297266	2280153	1.39	cps
Barium	137-1	3880637	3924672	3943263	3916191	0.82	cps
Beryllium	9-1	33132	34301	33924	33786	1.77	cps
Bismuth	209-1	3399057	3289004	3426155	3371405	2.15	cps
Bismuth	209-2	2981111	2982484	3021819	2995138	0.77	cps
Bromine	81-1	5825	5975	6121	5973	2.48	cps
Bromine	81-2	147	150	153	150	2.22	cps
Cadmium	108-1	3630	3660	3504	3598	2.31	cps
Cadmium	106-1	6485	6545	6288	6439	2.09	cps
Cadmium	111-1	55272	56464	55859	55865	1.07	cps
Calcium	43-1	56344	56856	57592	56931	1.10	cps
Calcium	44-1	928396	950919	941984	940433	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481558	481537	478028	480374	0.42	cps
Cobalt	59-2	1747782	1767819	1743539	1753047	0.74	cps
Copper	63-2	721457	717349	708241	715683	0.95	cps
Dysprosium	156-1	9487	9463	9907	9619	2.60	cps
Dysprosium	156-2	8846	8633	9003	8827	2.11	cps
Erbium	164-1	7669	8072	8186	7976	3.41	cps
Erbium	164-2	6005	5925	5958	5962	0.67	cps
Gadolinium	160-1	9367	9493	9310	9390	1.00	cps
Gadolinium	160-2	7335	7162	7255	7251	1.20	cps
Holmium	165-1	5887188	5525239	5784267	5732231	3.25	cps
Holmium	165-2	4207509	4240831	4311078	4253140	1.24	cps
Indium	115-1	5210526	5006712	5243797	5153678	2.49	cps
Indium	115-2	1991633	1917127	1911292	1940017	2.31	cps
Iron	56-2	51820978	51351859	51889824	51687554	0.57	cps
Iron	57-2	1347244	1329957	1342516	1339906	0.67	cps
Iron	54-2	2926205	2916013	2854917	2899045	1.33	cps
Krypton	83-1	310	263	270	281	8.98	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:32:20	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	152209	155296	156038	154514	1.31	cps
Lead	207-1	135680	137576	137933	137063	0.88	cps
Lead	208-1	612721	621548	620303	618191	0.77	cps
Lithium	6-1	682209	673564	703871	686548	2.27	cps
Magnesium	24-2	838027	838869	830596	835831	0.54	cps
Manganese	55-2	1483780	1479171	1484521	1482491	0.20	cps
Molybdenum	94-1	6558	6912	7162	6877	4.41	cps
Molybdenum	95-1	990	1000	997	996	0.51	cps
Molybdenum	96-1	2400	2394	2647	2480	5.82	cps
Molybdenum	97-1	703	743	627	691	8.58	cps
Molybdenum	98-1	1623	1533	1717	1625	5.64	cps
Neodymium	150-1	17277	17251	17114	17214	0.51	cps
Neodymium	150-2	10614	10824	11311	10917	3.28	cps
Nickel	60-2	445239	446445	443913	445199	0.28	cps
Phosphorus	31-2	6085	6098	6311	6165	2.06	cps
Potassium	39-2	719152	702033	704054	708413	1.32	cps
Rhodium	103-1	5194267	4916530	5156528	5089108	2.96	cps
Rhodium	103-2	3250685	3260756	3244895	3252112	0.25	cps
Scandium	45-1	3691526	3559388	3695814	3648909	2.13	cps
Scandium	45-2	322325	322320	319105	321250	0.58	cps
Selenium	82-1	8064	8384	8367	8272	2.18	cps
Selenium	77-2	920	930	890	913	2.28	cps
Selenium	78-2	2937	2994	3170	3034	4.01	cps
Silicon	28-1	5446002	5478826	5591614	5505481	1.39	cps
Silver	107-1	227741	234896	233257	231965	1.62	cps
Silver	109-1	216014	217891	219560	217822	0.81	cps
Sodium	23-2	71729	70634	72409	71591	1.25	cps
Strontium	86-1	29794	30562	30024	30126	1.31	cps
Strontium	88-1	256126	264575	260743	260481	1.62	cps
Sulfur	34-1	161190	159812	158697	159900	0.78	cps
Terbium	159-1	6027642	5732111	6070980	5943578	3.10	cps
Terbium	159-2	4252859	4271242	4196096	4240066	0.92	cps
Thallium	203-1	148159	150359	150370	149629	0.85	cps
Thallium	205-1	353365	354938	355399	354567	0.30	cps
Tin	118-1	4484	5054	6031	5190	15.07	cps
Titanium	47-1	237120	242404	240383	239969	1.11	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB17SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-28 16:32:20	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2614	2580	2670	2621	1.74	cps
Vanadium	51-2	1083845	1087497	1090794	1087379	0.32	cps
Yttrium	89-1	9803240	9239012	9687708	9576653	3.11	cps
Yttrium	89-2	2550578	2632414	2614531	2599175	1.66	cps
Zinc	66-2	264016	264938	262129	263694	0.54	cps
Zirconium	90-1	17053	17010	17461	17175	1.45	cps
Zirconium	91-1	3680	3877	3804	3787	2.63	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-01	Instrumnet Name :	P7
Client Sample ID :	MYDB42	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:35:31	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5284833	5262240	5239512	5262195	0.43	cps
Antimony	121-1	13350	13400	13910	13553	2.29	cps
Arsenic	75-2	66093	65547	65423	65688	0.54	cps
Barium	135-1	402714	412170	411048	408644	1.26	cps
Barium	137-1	695432	707224	706290	702982	0.93	cps
Beryllium	9-1	1327	1213	1127	1222	8.21	cps
Bismuth	209-1	3303926	3389650	3370524	3354700	1.34	cps
Bismuth	209-2	2978176	2934263	2980362	2964267	0.88	cps
Bromine	81-1	7038	7469	7022	7176	3.53	cps
Bromine	81-2	413	423	367	401	7.54	cps
Cadmium	108-1	360	383	400	381	5.27	cps
Cadmium	106-1	2077	2217	2080	2125	3.76	cps
Cadmium	111-1	5512	5597	5834	5648	2.95	cps
Calcium	43-1	305924	312887	316610	311807	1.74	cps
Calcium	44-1	4784344	4921802	4876064	4860737	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128583	125857	127278	127240	1.07	cps
Cobalt	59-2	143159	143055	143987	143401	0.36	cps
Copper	63-2	708531	700916	706491	705313	0.56	cps
Dysprosium	156-1	42792	43307	43437	43178	0.79	cps
Dysprosium	156-2	38753	37904	38312	38323	1.11	cps
Erbium	164-1	35525	36274	36548	36116	1.47	cps
Erbium	164-2	26332	26582	26549	26487	0.51	cps
Gadolinium	160-1	41983	41983	42277	42081	0.40	cps
Gadolinium	160-2	32514	32615	32341	32490	0.43	cps
Holmium	165-1	5886940	5946036	5915173	5916049	0.50	cps
Holmium	165-2	4267024	4231319	4307170	4268504	0.89	cps
Indium	115-1	5215891	5211649	5098908	5175482	1.28	cps
Indium	115-2	1898437	1894346	1905626	1899469	0.30	cps
Iron	56-2	187160131	188328117	188074964	187854404	0.33	cps
Iron	57-2	4646279	4596596	4574577	4605817	0.80	cps
Iron	54-2	10348993	10520672	10485241	10451635	0.87	cps
Krypton	83-1	323	293	307	308	4.88	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-01	Instrumnet Name :	P7
Client Sample ID :	MYDB42	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:35:31	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	576026	593914	581516	583819	1.57	cps
Lead	207-1	536075	537822	544741	539546	0.85	cps
Lead	208-1	2343249	2389772	2383476	2372166	1.06	cps
Lithium	6-1	682159	698662	698738	693186	1.38	cps
Magnesium	24-2	3347100	3329935	3245247	3307427	1.65	cps
Manganese	55-2	4301244	4244552	4324568	4290121	0.96	cps
Molybdenum	94-1	28895	29226	29526	29216	1.08	cps
Molybdenum	95-1	3384	3614	3687	3562	4.44	cps
Molybdenum	96-1	9700	10027	9760	9829	1.77	cps
Molybdenum	97-1	2267	2307	2197	2257	2.47	cps
Molybdenum	98-1	5404	5418	5728	5517	3.32	cps
Neodymium	150-1	74616	77418	76868	76301	1.95	cps
Neodymium	150-2	48209	47031	47550	47597	1.24	cps
Nickel	60-2	44593	44790	44489	44624	0.34	cps
Phosphorus	31-2	28373	27478	27952	27934	1.60	cps
Potassium	39-2	2930050	2915379	2884214	2909881	0.80	cps
Rhodium	103-1	5181144	5053978	4961971	5065698	2.17	cps
Rhodium	103-2	3251510	3189698	3185330	3208846	1.15	cps
Scandium	45-1	3724192	3838729	3697972	3753631	1.99	cps
Scandium	45-2	333205	330422	329565	331064	0.57	cps
Selenium	82-1	500	626	666	598	14.51	cps
Selenium	77-2	197	153	130	160	21.14	cps
Selenium	78-2	530	500	483	504	4.69	cps
Silicon	28-1	25855160	25898475	25688765	25814134	0.43	cps
Silver	107-1	7535	6935	6952	7141	4.79	cps
Silver	109-1	7098	6608	6735	6814	3.73	cps
Sodium	23-2	129469	129604	129835	129636	0.14	cps
Strontium	86-1	155844	158790	155402	156679	1.18	cps
Strontium	88-1	1326969	1366685	1367309	1353654	1.71	cps
Sulfur	34-1	184742	177798	173665	178735	3.13	cps
Terbium	159-1	6125790	6071543	6039547	6078960	0.72	cps
Terbium	159-2	4299595	4349842	4177451	4275629	2.07	cps
Thallium	203-1	1587	1657	1623	1622	2.16	cps
Thallium	205-1	3791	3814	3864	3823	0.98	cps
Tin	118-1	16750	17057	17064	16957	1.06	cps
Titanium	47-1	901860	916085	906843	908263	0.79	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-01	Instrumnet Name :	P7
Client Sample ID :	MYDB42	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:35:31	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10534	10671	10928	10711	1.87	cps
Vanadium	51-2	297268	292339	292407	294005	0.96	cps
Yttrium	89-1	9944383	10112098	10069696	10042059	0.87	cps
Yttrium	89-2	2720233	2695845	2724586	2713555	0.57	cps
Zinc	66-2	324485	321783	318395	321554	0.95	cps
Zirconium	90-1	73533	76750	75208	75164	2.14	cps
Zirconium	91-1	16323	16957	16746	16675	1.94	cps

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On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-02	Instrumnet Name :	P7
Client Sample ID :	MYDB43	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:38:44	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5171858	5133972	4991746	5099192	1.86	cps
Antimony	121-1	8009	8726	8246	8327	4.39	cps
Arsenic	75-2	59418	59064	58150	58877	1.11	cps
Barium	135-1	350831	349984	354947	351921	0.75	cps
Barium	137-1	604400	607845	625468	612571	1.84	cps
Beryllium	9-1	1323	1100	1240	1221	9.24	cps
Bismuth	209-1	3267130	3316080	3277016	3286742	0.79	cps
Bismuth	209-2	2962713	2886520	2986168	2945134	1.77	cps
Bromine	81-1	6445	7142	6828	6805	5.13	cps
Bromine	81-2	283	323	323	310	7.45	cps
Cadmium	108-1	197	210	273	227	18.07	cps
Cadmium	106-1	1837	1860	1670	1789	5.79	cps
Cadmium	111-1	3042	3179	2921	3047	4.23	cps
Calcium	43-1	237437	253896	244048	245127	3.38	cps
Calcium	44-1	3769840	3838420	3798747	3802335	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	138093	135648	135617	136453	1.04	cps
Cobalt	59-2	148558	147605	146588	147584	0.67	cps
Copper	63-2	378888	380543	376444	378625	0.54	cps
Dysprosium	156-1	37965	37239	38148	37784	1.27	cps
Dysprosium	156-2	32982	33069	33326	33126	0.54	cps
Erbium	164-1	32371	32411	33042	32608	1.16	cps
Erbium	164-2	24305	24291	23927	24174	0.89	cps
Gadolinium	160-1	36888	38734	37323	37648	2.56	cps
Gadolinium	160-2	28693	28349	28142	28394	0.98	cps
Holmium	165-1	5891573	5743625	5699703	5778300	1.74	cps
Holmium	165-2	4239516	4216850	4221501	4225956	0.28	cps
Indium	115-1	5287252	5084445	5100365	5157354	2.19	cps
Indium	115-2	1897224	1886443	1875380	1886349	0.58	cps
Iron	56-2	222065023	219419737	220596317	220693692	0.60	cps
Iron	57-2	5432913	5426365	5370856	5410045	0.63	cps
Iron	54-2	12245598	12106231	12327109	12226313	0.91	cps
Krypton	83-1	297	270	260	276	6.88	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-02	Instrumnet Name :	P7
Client Sample ID :	MYDB43	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:38:44	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	361279	359967	366067	362438	0.89	cps
Lead	207-1	337757	330599	347692	338682	2.53	cps
Lead	208-1	1454724	1501884	1483922	1480177	1.61	cps
Lithium	6-1	666422	661306	647658	658462	1.47	cps
Magnesium	24-2	3362130	3363470	3250101	3325234	1.96	cps
Manganese	55-2	2403857	2374636	2405544	2394679	0.73	cps
Molybdenum	94-1	34324	36987	35637	35649	3.74	cps
Molybdenum	95-1	3821	3647	3734	3734	2.32	cps
Molybdenum	96-1	11131	11341	11945	11472	3.68	cps
Molybdenum	97-1	2220	2300	2220	2247	2.06	cps
Molybdenum	98-1	5745	5328	5831	5634	4.78	cps
Neodymium	150-1	66647	69440	66298	67462	2.55	cps
Neodymium	150-2	42049	41541	41387	41659	0.83	cps
Nickel	60-2	45161	44623	44472	44752	0.81	cps
Phosphorus	31-2	22280	21692	21589	21854	1.71	cps
Potassium	39-2	1840761	1817938	1828452	1829050	0.62	cps
Rhodium	103-1	5205496	4919127	5453617	5192747	5.15	cps
Rhodium	103-2	3138748	3186084	3232964	3185932	1.48	cps
Scandium	45-1	3802194	3674569	3631027	3702597	2.40	cps
Scandium	45-2	332495	331396	326661	330184	0.94	cps
Selenium	82-1	434	551	539	508	12.64	cps
Selenium	77-2	130	183	170	161	17.23	cps
Selenium	78-2	537	457	520	504	8.37	cps
Silicon	28-1	28475471	27506583	27976200	27986085	1.73	cps
Silver	107-1	3707	3791	3881	3793	2.29	cps
Silver	109-1	3590	3527	3851	3656	4.69	cps
Sodium	23-2	139687	139603	139509	139600	0.06	cps
Strontium	86-1	126328	122910	129592	126276	2.65	cps
Strontium	88-1	1052240	1129051	1073573	1084955	3.65	cps
Sulfur	34-1	146246	144145	143792	144728	0.92	cps
Terbium	159-1	6195884	5913722	6326065	6145224	3.43	cps
Terbium	159-2	4244071	4285531	4219812	4249805	0.78	cps
Thallium	203-1	1393	1287	1460	1380	6.34	cps
Thallium	205-1	2937	3450	3230	3206	8.04	cps
Tin	118-1	14941	15398	16052	15464	3.61	cps
Titanium	47-1	1198047	1157456	1211575	1189026	2.37	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-02	Instrumnet Name :	P7
Client Sample ID :	MYDB43	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:38:44	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10334	10628	10794	10585	2.20	cps
Vanadium	51-2	410800	407514	403243	407186	0.93	cps
Yttrium	89-1	9845935	10076608	10007602	9976715	1.19	cps
Yttrium	89-2	2688689	2704681	2671409	2688260	0.62	cps
Zinc	66-2	213375	214040	213136	213517	0.22	cps
Zirconium	90-1	93049	92060	92780	92630	0.55	cps
Zirconium	91-1	20918	20207	21573	20899	3.27	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-03	Instrumnet Name :	P7
Client Sample ID :	MYDB44	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:41:57	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7755873	7678959	7639970	7691601	0.77	cps
Antimony	121-1	7088	6752	6965	6935	2.46	cps
Arsenic	75-2	59803	59027	60770	59867	1.46	cps
Barium	135-1	535771	538418	541800	538663	0.56	cps
Barium	137-1	909402	924124	928220	920582	1.08	cps
Beryllium	9-1	1553	1593	1640	1596	2.72	cps
Bismuth	209-1	3349462	3353084	3318369	3340305	0.57	cps
Bismuth	209-2	2949414	2942026	2643957	2845132	6.12	cps
Bromine	81-1	6712	6832	7052	6865	2.51	cps
Bromine	81-2	347	350	413	370	10.15	cps
Cadmium	108-1	243	217	280	247	12.89	cps
Cadmium	106-1	1847	1777	1870	1831	2.65	cps
Cadmium	111-1	2959	3056	3017	3010	1.61	cps
Calcium	43-1	318536	330293	321408	323412	1.90	cps
Calcium	44-1	4973227	5176171	5022598	5057332	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161355	159062	159999	160139	0.72	cps
Cobalt	59-2	178048	176524	178554	177709	0.59	cps
Copper	63-2	456214	450240	455245	453899	0.71	cps
Dysprosium	156-1	52762	54562	54532	53952	1.91	cps
Dysprosium	156-2	47577	47420	48363	47787	1.06	cps
Erbium	164-1	45768	46634	46400	46267	0.97	cps
Erbium	164-2	33704	33109	33022	33279	1.11	cps
Gadolinium	160-1	52391	53374	53739	53168	1.31	cps
Gadolinium	160-2	40672	40542	41745	40987	1.61	cps
Holmium	165-1	5873615	5888885	5731215	5831238	1.49	cps
Holmium	165-2	4245425	4231128	3872667	4116407	5.13	cps
Indium	115-1	5204872	5204225	5181317	5196805	0.26	cps
Indium	115-2	1867853	1867544	1724388	1819929	4.55	cps
Iron	56-2	259647189	263510896	268421743	263859943	1.67	cps
Iron	57-2	6636724	6577458	6665858	6626680	0.68	cps
Iron	54-2	14627041	14613456	14842518	14694338	0.87	cps
Krypton	83-1	317	367	313	332	8.99	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-03	Instrumnet Name :	P7
Client Sample ID :	MYDB44	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:41:57	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	307548	313657	311159	310788	0.99	cps
Lead	207-1	274641	284010	283961	280871	1.92	cps
Lead	208-1	1229965	1254722	1255529	1246738	1.17	cps
Lithium	6-1	670689	669496	654016	664734	1.40	cps
Magnesium	24-2	4271621	4270203	4310439	4284088	0.53	cps
Manganese	55-2	3180322	3163328	3211013	3184888	0.76	cps
Molybdenum	94-1	49109	49935	49460	49501	0.84	cps
Molybdenum	95-1	3430	3390	3414	3412	0.59	cps
Molybdenum	96-1	13396	14344	13983	13908	3.44	cps
Molybdenum	97-1	2247	2267	2127	2214	3.42	cps
Molybdenum	98-1	5131	5174	5291	5199	1.59	cps
Neodymium	150-1	98585	100663	99327	99525	1.06	cps
Neodymium	150-2	61798	61205	62906	61970	1.39	cps
Nickel	60-2	51344	51568	50725	51213	0.85	cps
Phosphorus	31-2	21448	21211	21468	21376	0.67	cps
Potassium	39-2	1790175	1792105	1793238	1791839	0.09	cps
Rhodium	103-1	4978832	5008168	5059171	5015390	0.81	cps
Rhodium	103-2	3113904	3120396	2877152	3037151	4.56	cps
Scandium	45-1	3846310	3880981	3793071	3840121	1.15	cps
Scandium	45-2	333129	328884	302814	321609	5.10	cps
Selenium	82-1	548	473	546	522	8.17	cps
Selenium	77-2	217	207	217	213	2.71	cps
Selenium	78-2	527	527	583	546	6.00	cps
Silicon	28-1	26041275	25581215	25405033	25675841	1.28	cps
Silver	107-1	3721	3681	3707	3703	0.55	cps
Silver	109-1	3087	3297	3487	3290	6.08	cps
Sodium	23-2	139886	138970	141917	140258	1.08	cps
Strontium	86-1	177718	180629	180608	179652	0.93	cps
Strontium	88-1	1581710	1658395	1644314	1628139	2.51	cps
Sulfur	34-1	144404	142446	141081	142644	1.17	cps
Terbium	159-1	6009109	5999777	6133526	6047471	1.23	cps
Terbium	159-2	4212995	4167311	3831128	4070478	5.12	cps
Thallium	203-1	1233	1350	1263	1282	4.73	cps
Thallium	205-1	3154	3270	3074	3166	3.12	cps
Tin	118-1	13573	13830	13800	13734	1.02	cps
Titanium	47-1	1030787	1055071	1063891	1049916	1.63	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-03	Instrumnet Name :	P7
Client Sample ID :	MYDB44	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:41:57	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13270	13874	13430	13525	2.31	cps
Vanadium	51-2	511913	507176	510245	509778	0.47	cps
Yttrium	89-1	10386249	10468998	10284883	10380043	0.89	cps
Yttrium	89-2	2732117	2723151	2500694	2651988	4.94	cps
Zinc	66-2	203860	202721	203118	203233	0.28	cps
Zirconium	90-1	129208	130182	131409	130266	0.85	cps
Zirconium	91-1	28431	29633	29727	29264	2.47	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-04	Instrumnet Name :	P7
Client Sample ID :	MYDB45	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:45:11	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6194120	6245896	6184342	6208119	0.53	cps
Antimony	121-1	8629	8119	8866	8538	4.47	cps
Arsenic	75-2	38333	39118	38807	38753	1.02	cps
Barium	135-1	371120	346702	363088	360303	3.45	cps
Barium	137-1	620043	578146	643137	613775	5.37	cps
Beryllium	9-1	1173	1070	1257	1167	8.02	cps
Bismuth	209-1	3378058	3751155	3288421	3472545	7.07	cps
Bismuth	209-2	2941422	2901380	2963421	2935408	1.07	cps
Bromine	81-1	6388	6808	7008	6735	4.70	cps
Bromine	81-2	357	330	367	351	5.40	cps
Cadmium	108-1	197	193	200	197	1.69	cps
Cadmium	106-1	1577	1760	1850	1729	8.06	cps
Cadmium	111-1	2486	2550	2685	2574	3.95	cps
Calcium	43-1	251282	246947	265955	254728	3.91	cps
Calcium	44-1	4116549	4043809	3963747	4041368	1.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122882	120968	121459	121769	0.82	cps
Cobalt	59-2	134851	132835	134457	134048	0.80	cps
Copper	63-2	327093	321992	319018	322701	1.27	cps
Dysprosium	156-1	39362	36110	37807	37760	4.31	cps
Dysprosium	156-2	34619	34369	34171	34386	0.65	cps
Erbium	164-1	32672	33073	32778	32841	0.63	cps
Erbium	164-2	23263	23991	23720	23658	1.56	cps
Gadolinium	160-1	36213	35108	38463	36595	4.67	cps
Gadolinium	160-2	28142	29000	28740	28627	1.54	cps
Holmium	165-1	6076369	6271536	5749801	6032569	4.37	cps
Holmium	165-2	4271332	4206117	4212008	4229819	0.85	cps
Indium	115-1	5403047	5631350	5129799	5388065	4.66	cps
Indium	115-2	1885410	1867199	1889438	1880682	0.63	cps
Iron	56-2	210130370	206688257	207341884	208053504	0.88	cps
Iron	57-2	5242250	5209711	5166975	5206312	0.73	cps
Iron	54-2	11660871	11630004	11500526	11597134	0.73	cps
Krypton	83-1	373	567	280	407	35.95	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-04	Instrumnet Name :	P7
Client Sample ID :	MYDB45	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:45:11	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	204783	194106	202835	200575	2.83	cps
Lead	207-1	180021	167804	183194	177006	4.59	cps
Lead	208-1	801090	762873	823404	795789	3.85	cps
Lithium	6-1	666058	762784	633489	687444	9.78	cps
Magnesium	24-2	3369651	3421443	3372865	3387987	0.86	cps
Manganese	55-2	2794496	2780366	2727310	2767391	1.28	cps
Molybdenum	94-1	43752	42502	46086	44113	4.12	cps
Molybdenum	95-1	3244	3000	3030	3091	4.29	cps
Molybdenum	96-1	11701	11288	12225	11738	4.00	cps
Molybdenum	97-1	1920	1780	1907	1869	4.13	cps
Molybdenum	98-1	4868	4411	4704	4661	4.97	cps
Neodymium	150-1	67822	66862	70348	68344	2.63	cps
Neodymium	150-2	43246	42878	43550	43225	0.78	cps
Nickel	60-2	41892	42861	42062	42272	1.22	cps
Phosphorus	31-2	14394	15401	14650	14815	3.53	cps
Potassium	39-2	1964893	1946321	1935524	1948913	0.76	cps
Rhodium	103-1	4972183	5297116	5057153	5108817	3.30	cps
Rhodium	103-2	3176522	3151872	3193330	3173908	0.66	cps
Scandium	45-1	3879678	4234905	3715097	3943227	6.74	cps
Scandium	45-2	332372	330299	327548	330073	0.73	cps
Selenium	82-1	365	498	561	474	21.06	cps
Selenium	77-2	163	153	163	160	3.61	cps
Selenium	78-2	510	533	530	524	2.41	cps
Silicon	28-1	22166076	20590234	21324892	21360401	3.69	cps
Silver	107-1	2794	2387	2504	2561	8.18	cps
Silver	109-1	2350	2087	2384	2274	7.15	cps
Sodium	23-2	134804	133480	135988	134757	0.93	cps
Strontium	86-1	155926	147651	155950	153176	3.12	cps
Strontium	88-1	1337436	1281747	1440542	1353242	5.95	cps
Sulfur	34-1	141175	136197	139102	138825	1.80	cps
Terbium	159-1	5873033	6510531	6070698	6151420	5.30	cps
Terbium	159-2	4152684	4227266	4328718	4236223	2.09	cps
Thallium	203-1	1093	1117	1183	1131	4.13	cps
Thallium	205-1	2587	2640	2710	2646	2.34	cps
Tin	118-1	11458	11114	12429	11667	5.84	cps
Titanium	47-1	1170199	1090583	1148623	1136468	3.62	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-04	Instrumnet Name :	P7
Client Sample ID :	MYDB45	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:45:11	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10127	9427	10531	10028	5.57	cps
Vanadium	51-2	357277	353050	353100	354475	0.68	cps
Yttrium	89-1	9922767	11309170	10016715	10416217	7.44	cps
Yttrium	89-2	2656020	2679380	2704437	2679946	0.90	cps
Zinc	66-2	152167	150840	151861	151623	0.46	cps
Zirconium	90-1	122030	115173	118396	118533	2.89	cps
Zirconium	91-1	25866	25677	26260	25935	1.15	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-05	Instrumnet Name :	P7
Client Sample ID :	MYDB46	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:48:22	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5530651	5531454	5471072	5511059	0.63	cps
Antimony	121-1	6088	5548	5865	5833	4.65	cps
Arsenic	75-2	16843	16536	17033	16804	1.49	cps
Barium	135-1	366000	368764	374064	369609	1.11	cps
Barium	137-1	632136	672004	674911	659683	3.62	cps
Beryllium	9-1	1053	1120	1073	1082	3.16	cps
Bismuth	209-1	3284820	3318536	3300929	3301428	0.51	cps
Bismuth	209-2	2925252	2923212	2932411	2926958	0.17	cps
Bromine	81-1	6565	6035	6215	6271	4.30	cps
Bromine	81-2	243	267	200	237	14.29	cps
Cadmium	108-1	93	93	123	103	16.77	cps
Cadmium	106-1	1670	1643	1593	1636	2.38	cps
Cadmium	111-1	1490	1455	1416	1454	2.57	cps
Calcium	43-1	280069	272830	275033	275977	1.34	cps
Calcium	44-1	4146200	4288560	4279658	4238139	1.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131188	130378	127860	129809	1.34	cps
Cobalt	59-2	132657	130869	133192	132239	0.92	cps
Copper	63-2	220914	223257	219787	221320	0.80	cps
Dysprosium	156-1	42908	43296	44821	43675	2.32	cps
Dysprosium	156-2	39124	39656	39603	39461	0.74	cps
Erbium	164-1	36618	36795	36511	36641	0.39	cps
Erbium	164-2	27136	27080	26746	26987	0.78	cps
Gadolinium	160-1	44046	44283	43641	43990	0.74	cps
Gadolinium	160-2	32795	33721	32508	33008	1.92	cps
Holmium	165-1	5720787	5711179	5691087	5707684	0.27	cps
Holmium	165-2	4268263	4246016	4212847	4242375	0.66	cps
Indium	115-1	5137142	4986751	5097214	5073702	1.54	cps
Indium	115-2	1901041	1914458	1850671	1888723	1.78	cps
Iron	56-2	204444150	194800497	197983010	199075886	2.47	cps
Iron	57-2	4948358	4950843	4913780	4937660	0.42	cps
Iron	54-2	10933613	10763897	10861458	10852989	0.78	cps
Krypton	83-1	270	283	263	272	3.74	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-05	Instrumnet Name :	P7
Client Sample ID :	MYDB46	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:48:22	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	74023	74814	75153	74663	0.78	cps
Lead	207-1	60366	64472	65058	63299	4.04	cps
Lead	208-1	289728	290541	289693	289987	0.17	cps
Lithium	6-1	627051	607491	612940	615827	1.64	cps
Magnesium	24-2	3649353	3586578	3610756	3615562	0.88	cps
Manganese	55-2	2421268	2351173	2346963	2373135	1.76	cps
Molybdenum	94-1	45668	44574	44661	44968	1.35	cps
Molybdenum	95-1	2520	2487	2634	2547	3.02	cps
Molybdenum	96-1	11438	12012	12175	11875	3.26	cps
Molybdenum	97-1	1590	1567	1657	1605	2.91	cps
Molybdenum	98-1	3864	3914	3897	3892	0.65	cps
Neodymium	150-1	82821	79948	80749	81173	1.83	cps
Neodymium	150-2	50828	50263	50139	50410	0.73	cps
Nickel	60-2	41391	41106	40782	41093	0.74	cps
Phosphorus	31-2	17050	16993	17584	17209	1.89	cps
Potassium	39-2	1170236	1166443	1233794	1190158	3.18	cps
Rhodium	103-1	4853666	5161283	5085892	5033614	3.19	cps
Rhodium	103-2	3180522	3193383	3134291	3169399	0.98	cps
Scandium	45-1	3590457	3629192	3709478	3643042	1.67	cps
Scandium	45-2	329012	323297	325987	326099	0.88	cps
Selenium	82-1	466	467	553	495	10.05	cps
Selenium	77-2	217	180	227	208	11.83	cps
Selenium	78-2	483	490	473	482	1.74	cps
Silicon	28-1	19443122	19603599	20133213	19726645	1.83	cps
Silver	107-1	853	680	767	767	11.30	cps
Silver	109-1	693	650	633	659	4.70	cps
Sodium	23-2	138383	138903	140565	139284	0.82	cps
Strontium	86-1	141985	152306	154619	149637	4.50	cps
Strontium	88-1	1327488	1291826	1294556	1304623	1.52	cps
Sulfur	34-1	132451	131765	130969	131728	0.56	cps
Terbium	159-1	5917102	6325126	6276700	6172976	3.61	cps
Terbium	159-2	4157472	4117270	4210874	4161872	1.13	cps
Thallium	203-1	783	1000	943	909	12.36	cps
Thallium	205-1	2204	2054	2147	2135	3.55	cps
Tin	118-1	12132	12766	13243	12713	4.38	cps
Titanium	47-1	1151283	1190104	1220399	1187262	2.92	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-05	Instrumnet Name :	P7
Client Sample ID :	MYDB46	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:48:22	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10418	10775	10434	10542	1.91	cps
Vanadium	51-2	372276	370242	367538	370018	0.64	cps
Yttrium	89-1	10019405	10095128	10009770	10041434	0.47	cps
Yttrium	89-2	2667121	2707762	2667415	2680766	0.87	cps
Zinc	66-2	73252	73764	73114	73377	0.47	cps
Zirconium	90-1	114758	117570	117358	116562	1.34	cps
Zirconium	91-1	25526	27309	27336	26723	3.88	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-06	Instrumnet Name :	P7
Client Sample ID :	MYDB47	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:51:36	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5900530	5926840	5944053	5923807	0.37	cps
Antimony	121-1	4521	4654	4434	4536	2.44	cps
Arsenic	75-2	30181	30772	30328	30427	1.01	cps
Barium	135-1	384573	372578	389761	382304	2.31	cps
Barium	137-1	631162	640936	649703	640600	1.45	cps
Beryllium	9-1	1023	983	1260	1089	13.73	cps
Bismuth	209-1	3325737	3285632	3262697	3291355	0.97	cps
Bismuth	209-2	3029082	2948831	2976407	2984774	1.37	cps
Bromine	81-1	6281	7035	6225	6514	6.94	cps
Bromine	81-2	290	327	313	310	5.99	cps
Cadmium	108-1	80	120	70	90	29.40	cps
Cadmium	106-1	1647	1580	1463	1563	5.94	cps
Cadmium	111-1	1500	1409	1382	1430	4.33	cps
Calcium	43-1	292967	314358	298877	302068	3.66	cps
Calcium	44-1	4838971	4656302	4861732	4785668	2.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103019	100603	101499	101707	1.20	cps
Cobalt	59-2	117534	116740	118696	117656	0.84	cps
Copper	63-2	217821	217172	221108	218700	0.97	cps
Dysprosium	156-1	51012	50122	51992	51042	1.83	cps
Dysprosium	156-2	44590	46313	44922	45275	2.02	cps
Erbium	164-1	40930	41658	41598	41396	0.98	cps
Erbium	164-2	30393	30086	29828	30102	0.94	cps
Gadolinium	160-1	49035	50722	48982	49580	2.00	cps
Gadolinium	160-2	38419	37654	37530	37868	1.27	cps
Holmium	165-1	6082222	5855658	6148732	6028871	2.55	cps
Holmium	165-2	4325280	4282484	4291996	4299920	0.52	cps
Indium	115-1	5401664	5185080	5507051	5364598	3.06	cps
Indium	115-2	1948351	1877985	1905901	1910746	1.85	cps
Iron	56-2	205956604	201705370	205381477	204347817	1.13	cps
Iron	57-2	5149418	5041696	5066384	5085833	1.11	cps
Iron	54-2	11420004	11231940	11227377	11293107	0.97	cps
Krypton	83-1	313	327	337	326	3.60	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-06	Instrumnet Name :	P7
Client Sample ID :	MYDB47	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:51:36	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	65520	63678	66224	65141	2.02	cps
Lead	207-1	51263	51775	53863	52300	2.63	cps
Lead	208-1	240228	247515	245388	244377	1.53	cps
Lithium	6-1	639956	626318	631587	632620	1.09	cps
Magnesium	24-2	3249710	3261578	3301307	3270865	0.83	cps
Manganese	55-2	3032455	2990079	3007769	3010101	0.71	cps
Molybdenum	94-1	25356	27402	26097	26285	3.94	cps
Molybdenum	95-1	2894	2887	3007	2929	2.30	cps
Molybdenum	96-1	8349	8299	8779	8476	3.12	cps
Molybdenum	97-1	1697	1810	1757	1755	3.23	cps
Molybdenum	98-1	4241	4197	4297	4245	1.18	cps
Neodymium	150-1	90635	95685	93252	93191	2.71	cps
Neodymium	150-2	58903	58514	59304	58907	0.67	cps
Nickel	60-2	36762	36969	36197	36642	1.09	cps
Phosphorus	31-2	14304	14891	14664	14619	2.03	cps
Potassium	39-2	1619469	1615942	1583207	1606206	1.24	cps
Rhodium	103-1	5025958	4994535	5058539	5026344	0.64	cps
Rhodium	103-2	3207507	3127958	3175434	3170300	1.26	cps
Scandium	45-1	3959305	3767776	3877548	3868210	2.48	cps
Scandium	45-2	334096	333135	334484	333905	0.21	cps
Selenium	82-1	452	526	442	474	9.71	cps
Selenium	77-2	240	233	200	224	9.55	cps
Selenium	78-2	540	497	510	516	4.31	cps
Silicon	28-1	22421317	21681511	22725355	22276061	2.41	cps
Silver	107-1	663	727	787	726	8.50	cps
Silver	109-1	700	693	637	677	5.14	cps
Sodium	23-2	209345	210764	211545	210551	0.53	cps
Strontium	86-1	149231	149337	155082	151216	2.21	cps
Strontium	88-1	1272427	1369993	1313141	1318520	3.72	cps
Sulfur	34-1	135053	133271	134290	134205	0.67	cps
Terbium	159-1	6024074	5962974	6083654	6023567	1.00	cps
Terbium	159-2	4314072	4323911	4268012	4301998	0.69	cps
Thallium	203-1	703	723	770	732	4.67	cps
Thallium	205-1	1627	1717	1503	1616	6.63	cps
Tin	118-1	16740	16860	17354	16985	1.92	cps
Titanium	47-1	1066402	1053497	1111131	1077010	2.81	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-06	Instrumnet Name :	P7
Client Sample ID :	MYDB47	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:51:36	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9440	9483	9093	9339	2.29	cps
Vanadium	51-2	403980	405036	410965	406660	0.93	cps
Yttrium	89-1	9929173	10280660	10046303	10085379	1.77	cps
Yttrium	89-2	2739991	2710044	2723657	2724564	0.55	cps
Zinc	66-2	74867	75868	74284	75006	1.07	cps
Zirconium	90-1	66684	66151	69353	67396	2.55	cps
Zirconium	91-1	14564	14727	14684	14659	0.58	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:55:46	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7206999	7373670	7246124	7275598	1.20	cps
Antimony	121-1	3070216	3120929	3171788	3120978	1.63	cps
Arsenic	75-2	213940	216401	213437	214593	0.74	cps
Barium	135-1	3813496	3808853	3879605	3833985	1.03	cps
Barium	137-1	6455604	6728810	6669813	6618076	2.17	cps
Beryllium	9-1	456888	466993	476821	466901	2.13	cps
Bismuth	209-1	3277328	3376705	3399932	3351322	1.94	cps
Bismuth	209-2	2893992	2966667	2947042	2935900	1.28	cps
Bromine	81-1	6315	6378	5718	6137	5.94	cps
Bromine	81-2	73	73	67	71	5.41	cps
Cadmium	108-1	54395	55218	56051	55221	1.50	cps
Cadmium	106-1	78514	80780	80069	79788	1.45	cps
Cadmium	111-1	749211	772631	770074	763972	1.68	cps
Calcium	43-1	4791666	4812495	4878779	4827647	0.94	cps
Calcium	44-1	76056549	76314004	79162529	77177694	2.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1492669	1469479	1459428	1473859	1.16	cps
Cobalt	59-2	2361403	2328886	2314997	2335095	1.02	cps
Copper	63-2	16632480	16615317	16595262	16614353	0.11	cps
Dysprosium	156-1	187	170	143	167	13.11	cps
Dysprosium	156-2	223	217	230	223	2.98	cps
Erbium	164-1	147	160	213	173	20.35	cps
Erbium	164-2	120	113	97	110	10.92	cps
Gadolinium	160-1	163	110	113	129	23.18	cps
Gadolinium	160-2	277	240	193	237	17.65	cps
Holmium	165-1	5890448	5944911	6001280	5945546	0.93	cps
Holmium	165-2	4347374	4402905	4420538	4390272	0.87	cps
Indium	115-1	5083105	5090784	5077376	5083755	0.13	cps
Indium	115-2	1851888	1848350	1827715	1842651	0.71	cps
Iron	56-2	312345335	316081382	309277335	312568018	1.09	cps
Iron	57-2	7732307	7801541	7732047	7755298	0.52	cps
Iron	54-2	17491907	17261886	17141734	17298509	1.03	cps
Krypton	83-1	237	283	233	251	11.13	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:55:46	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9206054	9586505	9803124	9531894	3.17	cps
Lead	207-1	8165150	8355889	8529418	8350153	2.18	cps
Lead	208-1	36802736	38072330	38643355	37839474	2.49	cps
Lithium	6-1	703236	735977	753420	730878	3.49	cps
Magnesium	24-2	57516671	60106397	58452964	58692011	2.23	cps
Manganese	55-2	10563021	10529390	10429362	10507258	0.66	cps
Molybdenum	94-1	12323575	12467112	12519904	12436864	0.82	cps
Molybdenum	95-1	17630723	18052323	18033786	17905610	1.33	cps
Molybdenum	96-1	19267097	19533201	19912532	19570943	1.66	cps
Molybdenum	97-1	11045768	11238954	11319356	11201359	1.26	cps
Molybdenum	98-1	28562865	29237070	28734324	28844753	1.21	cps
Neodymium	150-1	167	167	203	179	11.83	cps
Neodymium	150-2	100	73	57	77	28.51	cps
Nickel	60-2	577571	576702	574677	576317	0.26	cps
Phosphorus	31-2	83895	86570	84605	85023	1.63	cps
Potassium	39-2	40332003	42056749	41007192	41131981	2.11	cps
Rhodium	103-1	4891563	4842543	4865983	4866696	0.50	cps
Rhodium	103-2	3086552	3062234	3068919	3072568	0.41	cps
Scandium	45-1	3591200	3567278	3693235	3617238	1.85	cps
Scandium	45-2	313334	316355	313014	314234	0.59	cps
Selenium	82-1	51225	52255	52097	51859	1.07	cps
Selenium	77-2	5421	5288	5174	5294	2.33	cps
Selenium	78-2	17994	18542	18428	18321	1.58	cps
Silicon	28-1	21643662	21997254	21736213	21792376	0.84	cps
Silver	107-1	4000399	3998078	4030598	4009691	0.45	cps
Silver	109-1	3756855	3799562	3792373	3782930	0.60	cps
Sodium	23-2	100006955	101454478	101824872	101095435	0.95	cps
Strontium	86-1	26599345	27104440	27045830	26916538	1.03	cps
Strontium	88-1	230738610	235755483	233675623	233389905	1.08	cps
Sulfur	34-1	451795	458694	455385	455291	0.76	cps
Terbium	159-1	6108064	6184355	6193237	6161885	0.76	cps
Terbium	159-2	4359869	4322372	4309284	4330508	0.61	cps
Thallium	203-1	2347901	2435155	2436323	2406460	2.11	cps
Thallium	205-1	5489372	5688654	5756800	5644942	2.46	cps
Tin	118-1	2445836	2458709	2502752	2469099	1.21	cps
Titanium	47-1	5054604	5121208	5228275	5134696	1.71	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:55:46	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6903075	7148426	7240160	7097220	2.46	cps
Vanadium	51-2	1349142	1316930	1314110	1326728	1.47	cps
Yttrium	89-1	9498963	9677307	9694881	9623717	1.13	cps
Yttrium	89-2	2551573	2536934	2507606	2532037	0.88	cps
Zinc	66-2	2706430	2715359	2730705	2717498	0.45	cps
Zirconium	90-1	5666474	5808815	5899134	5791474	2.03	cps
Zirconium	91-1	1255908	1278771	1275868	1270182	0.98	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:58:34	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	707	683	590	660	9.35	cps
Antimony	121-1	2244	2137	2337	2239	4.47	cps
Arsenic	75-2	17	17	23	19	20.36	cps
Barium	135-1	450	287	253	330	31.89	cps
Barium	137-1	867	533	370	590	42.90	cps
Beryllium	9-1	107	110	80	99	16.63	cps
Bismuth	209-1	3546823	3558269	3461514	3522202	1.50	cps
Bismuth	209-2	3040342	3087585	3053807	3060578	0.80	cps
Bromine	81-1	5828	5564	5664	5686	2.34	cps
Bromine	81-2	67	90	80	79	14.84	cps
Cadmium	108-1	23	7	0	10	120.16	cps
Cadmium	106-1	1627	1543	1450	1540	5.74	cps
Cadmium	111-1	1276	1152	1058	1162	9.38	cps
Calcium	43-1	903	640	613	719	22.30	cps
Calcium	44-1	27402	23228	21155	23928	13.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	723	690	663	692	4.34	cps
Cobalt	59-2	110	183	137	143	25.90	cps
Copper	63-2	1613	1443	1567	1541	5.70	cps
Dysprosium	156-1	47	30	20	32	41.81	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	30	40	50	40	25.00	cps
Erbium	164-2	20	37	33	30	29.40	cps
Gadolinium	160-1	33	37	20	30	29.40	cps
Gadolinium	160-2	127	177	200	168	22.33	cps
Holmium	165-1	5972667	5926858	5920872	5940132	0.48	cps
Holmium	165-2	4310201	4276593	4215287	4267361	1.13	cps
Indium	115-1	5406143	5347855	5169992	5307997	2.32	cps
Indium	115-2	1909689	1891804	1894914	1898802	0.50	cps
Iron	56-2	29082	27612	26961	27885	3.90	cps
Iron	57-2	3247	3047	3204	3166	3.32	cps
Iron	54-2	2250	2417	2424	2364	4.16	cps
Krypton	83-1	277	233	180	230	21.05	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:58:34	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1770	1333	1087	1397	24.78	cps
Lead	207-1	1553	1140	927	1207	26.41	cps
Lead	208-1	6987	5234	4154	5458	26.20	cps
Lithium	6-1	754079	749771	736842	746897	1.20	cps
Magnesium	24-2	3014	2800	2590	2801	7.56	cps
Manganese	55-2	887	763	840	830	7.50	cps
Molybdenum	94-1	2257	1407	1267	1643	32.60	cps
Molybdenum	95-1	2940	1620	1500	2020	39.56	cps
Molybdenum	96-1	3154	2020	1577	2250	36.14	cps
Molybdenum	97-1	1693	1113	870	1226	34.51	cps
Molybdenum	98-1	4077	2817	2150	3015	32.46	cps
Neodymium	150-1	3	10	10	8	49.52	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	153	183	183	173	9.99	cps
Phosphorus	31-2	120	107	107	111	6.93	cps
Potassium	39-2	86604	86531	87027	86721	0.31	cps
Rhodium	103-1	5192355	5265290	5077593	5178413	1.83	cps
Rhodium	103-2	3204436	3168329	3222630	3198465	0.86	cps
Scandium	45-1	3579148	3589364	3511698	3560070	1.19	cps
Scandium	45-2	307674	305199	301391	304755	1.04	cps
Selenium	82-1	307	340	395	347	12.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	357	323	340	340	4.90	cps
Silicon	28-1	351971	349726	349078	350258	0.43	cps
Silver	107-1	807	533	523	621	25.89	cps
Silver	109-1	750	500	467	572	27.06	cps
Sodium	23-2	67196	66215	63996	65802	2.49	cps
Strontium	86-1	3544	2017	1487	2349	45.46	cps
Strontium	88-1	26444	14874	10514	17278	47.65	cps
Sulfur	34-1	196216	195965	198991	197057	0.85	cps
Terbium	159-1	6176337	6212464	6102412	6163738	0.91	cps
Terbium	159-2	4252427	4234608	4233631	4240222	0.25	cps
Thallium	203-1	553	500	377	477	19.01	cps
Thallium	205-1	1327	1160	907	1131	18.70	cps
Tin	118-1	1954	1753	1927	1878	5.78	cps
Titanium	47-1	907	643	487	679	31.26	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 16:58:34	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	813	480	283	526	50.98	cps
Vanadium	51-2	93	43	57	64	40.18	cps
Yttrium	89-1	9397598	9385224	9349963	9377595	0.26	cps
Yttrium	89-2	2516882	2501689	2437638	2485403	1.69	cps
Zinc	66-2	810	770	830	803	3.80	cps
Zirconium	90-1	1567	1390	1193	1383	13.50	cps
Zirconium	91-1	413	280	293	329	22.33	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4303-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAE7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:01:53	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3751418	3708821	3774855	3745032	0.89	cps
Antimony	121-1	13910	13970	14097	13992	0.68	cps
Arsenic	75-2	78117	78191	76794	77701	1.01	cps
Barium	135-1	330976	340157	336701	335944	1.38	cps
Barium	137-1	572161	577108	578196	575822	0.56	cps
Beryllium	9-1	1297	1363	1263	1308	3.89	cps
Bismuth	209-1	3491837	3480640	3423137	3465205	1.06	cps
Bismuth	209-2	2967188	2979050	3047522	2997920	1.45	cps
Bromine	81-1	7178	7465	7682	7442	3.39	cps
Bromine	81-2	470	473	513	486	4.97	cps
Cadmium	108-1	260	273	303	279	7.96	cps
Cadmium	106-1	2100	2004	2007	2037	2.69	cps
Cadmium	111-1	4775	4488	4613	4625	3.11	cps
Calcium	43-1	163866	167207	165768	165614	1.01	cps
Calcium	44-1	2555619	2633250	2624996	2604622	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106446	108944	108320	107903	1.21	cps
Cobalt	59-2	155861	154456	153207	154508	0.86	cps
Copper	63-2	363680	363603	357407	361563	1.00	cps
Dysprosium	156-1	32133	32845	31866	32282	1.57	cps
Dysprosium	156-2	28282	28215	28312	28270	0.18	cps
Erbium	164-1	27728	28559	28957	28414	2.21	cps
Erbium	164-2	20465	20495	20198	20386	0.80	cps
Gadolinium	160-1	31044	31656	31619	31440	1.09	cps
Gadolinium	160-2	24278	24131	23944	24118	0.69	cps
Holmium	165-1	5853447	5944911	5891001	5896453	0.78	cps
Holmium	165-2	4230480	4272476	4296324	4266426	0.78	cps
Indium	115-1	5236197	5277797	5305756	5273250	0.66	cps
Indium	115-2	1911036	1881268	1937892	1910065	1.48	cps
Iron	56-2	248302770	249522063	244355876	247393570	1.09	cps
Iron	57-2	6082353	6120949	6109618	6104307	0.32	cps
Iron	54-2	13713271	13487267	13822669	13674402	1.25	cps
Krypton	83-1	280	287	303	290	4.14	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4303-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAE7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:01:53	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1968498	1995721	1962679	1975633	0.89	cps
Lead	207-1	1543244	1562009	1548181	1551145	0.63	cps
Lead	208-1	7717721	7791408	7701236	7736788	0.62	cps
Lithium	6-1	709293	692125	665332	688917	3.22	cps
Magnesium	24-2	2421173	2405128	2393520	2406607	0.58	cps
Manganese	55-2	2733749	2642497	2707314	2694520	1.74	cps
Molybdenum	94-1	33996	34461	34588	34348	0.91	cps
Molybdenum	95-1	4201	4161	4337	4233	2.19	cps
Molybdenum	96-1	11681	11431	11721	11611	1.35	cps
Molybdenum	97-1	2537	2580	2657	2591	2.35	cps
Molybdenum	98-1	6468	6588	6371	6476	1.68	cps
Neodymium	150-1	56777	57580	58441	57599	1.44	cps
Neodymium	150-2	35324	36006	34923	35418	1.55	cps
Nickel	60-2	34764	35348	34770	34961	0.96	cps
Phosphorus	31-2	22490	22934	22210	22544	1.62	cps
Potassium	39-2	2456265	2405098	2336641	2399335	2.50	cps
Rhodium	103-1	5177828	5151247	5112034	5147036	0.64	cps
Rhodium	103-2	3252018	3207489	3240983	3233497	0.72	cps
Scandium	45-1	3766641	3810603	3740687	3772643	0.94	cps
Scandium	45-2	328943	329238	328269	328817	0.15	cps
Selenium	82-1	502	541	544	529	4.44	cps
Selenium	77-2	150	153	150	151	1.28	cps
Selenium	78-2	540	513	490	514	4.86	cps
Silicon	28-1	26583340	27093039	27307468	26994615	1.38	cps
Silver	107-1	7335	6665	6832	6944	5.03	cps
Silver	109-1	6505	6718	6335	6519	2.95	cps
Sodium	23-2	151446	151325	149609	150793	0.68	cps
Strontium	86-1	114146	114455	115724	114775	0.73	cps
Strontium	88-1	981117	993960	1009284	994787	1.42	cps
Sulfur	34-1	193779	185460	182482	187240	3.13	cps
Terbium	159-1	6220933	6129076	6163287	6171099	0.75	cps
Terbium	159-2	4292647	4325319	4327704	4315224	0.45	cps
Thallium	203-1	1940	1933	1887	1920	1.51	cps
Thallium	205-1	4694	4834	4661	4730	1.95	cps
Tin	118-1	13907	14588	14681	14392	2.94	cps
Titanium	47-1	1248037	1283319	1277850	1269736	1.50	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4303-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAE7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:01:53	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11835	11662	11812	11770	0.80	cps
Vanadium	51-2	384485	381499	374538	380174	1.34	cps
Yttrium	89-1	10159292	10104452	9968657	10077467	0.97	cps
Yttrium	89-2	2705007	2728058	2628534	2687200	1.94	cps
Zinc	66-2	307975	307362	306665	307334	0.21	cps
Zirconium	90-1	87512	89377	88853	88581	1.09	cps
Zirconium	91-1	19289	19673	19907	19623	1.59	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4304-08A	Instrumnet Name :	P7
Client Sample ID :	MYDAP2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:05:05	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5225281	5169611	5301120	5232004	1.26	cps
Antimony	121-1	18943	19039	18739	18907	0.81	cps
Arsenic	75-2	376717	373868	373624	374736	0.46	cps
Barium	135-1	533513	535246	537234	535331	0.35	cps
Barium	137-1	908235	925581	923660	919159	1.03	cps
Beryllium	9-1	1240	1260	1263	1255	1.01	cps
Bismuth	209-1	3423491	3445968	3410629	3426696	0.52	cps
Bismuth	209-2	3015097	3004420	3050769	3023429	0.80	cps
Bromine	81-1	7659	7822	7605	7695	1.47	cps
Bromine	81-2	480	467	540	496	7.88	cps
Cadmium	108-1	447	367	367	393	11.74	cps
Cadmium	106-1	2000	2190	1990	2060	5.47	cps
Cadmium	111-1	5251	5564	5457	5424	2.93	cps
Calcium	43-1	299477	303130	297906	300171	0.89	cps
Calcium	44-1	4678361	4827421	4727881	4744554	1.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	134094	134988	136370	135151	0.85	cps
Cobalt	59-2	163615	164069	161361	163015	0.89	cps
Copper	63-2	485141	485268	478599	483003	0.79	cps
Dysprosium	156-1	39666	40341	39646	39884	0.99	cps
Dysprosium	156-2	35374	35308	35227	35303	0.21	cps
Erbium	164-1	34332	34673	35338	34781	1.47	cps
Erbium	164-2	25139	24759	25417	25105	1.32	cps
Gadolinium	160-1	38790	39496	38924	39070	0.96	cps
Gadolinium	160-2	29404	29124	29294	29274	0.48	cps
Holmium	165-1	5957759	5992016	5948895	5966223	0.38	cps
Holmium	165-2	4338682	4252860	4358526	4316689	1.30	cps
Indium	115-1	5301927	5303481	5245017	5283475	0.63	cps
Indium	115-2	1913744	1905040	1883713	1900832	0.81	cps
Iron	56-2	267452143	262515536	266897643	265621774	1.02	cps
Iron	57-2	6432751	6417509	6567537	6472599	1.28	cps
Iron	54-2	14648628	14798050	14450464	14632381	1.19	cps
Krypton	83-1	300	270	307	292	6.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4304-08A	Instrumnet Name :	P7
Client Sample ID :	MYDAP2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:05:05	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2656454	2623617	2625063	2635045	0.70	cps
Lead	207-1	2372873	2347505	2410318	2376899	1.33	cps
Lead	208-1	10601927	10636699	10700394	10646340	0.47	cps
Lithium	6-1	655245	645757	647286	649430	0.78	cps
Magnesium	24-2	3244440	3255176	3300656	3266757	0.91	cps
Manganese	55-2	4540627	4545703	4500108	4528813	0.55	cps
Molybdenum	94-1	36485	37401	37825	37237	1.84	cps
Molybdenum	95-1	4581	4838	4607	4675	3.02	cps
Molybdenum	96-1	12702	12966	12702	12790	1.19	cps
Molybdenum	97-1	2714	2810	2984	2836	4.83	cps
Molybdenum	98-1	6995	7279	7002	7092	2.28	cps
Neodymium	150-1	69695	71008	71339	70680	1.23	cps
Neodymium	150-2	43487	44222	44426	44045	1.12	cps
Nickel	60-2	46144	45369	45850	45788	0.86	cps
Phosphorus	31-2	22537	22226	22196	22320	0.84	cps
Potassium	39-2	3179502	3209209	3117807	3168839	1.47	cps
Rhodium	103-1	5174547	5173582	5138790	5162306	0.39	cps
Rhodium	103-2	3240456	3241790	3237351	3239866	0.07	cps
Scandium	45-1	3851370	3869476	3867331	3862726	0.26	cps
Scandium	45-2	337053	331526	339357	335979	1.20	cps
Selenium	82-1	636	661	602	633	4.67	cps
Selenium	77-2	153	193	220	189	17.76	cps
Selenium	78-2	523	543	490	519	5.19	cps
Silicon	28-1	25504489	25797314	26308420	25870074	1.57	cps
Silver	107-1	18185	18609	18355	18383	1.16	cps
Silver	109-1	16847	17080	17344	17090	1.46	cps
Sodium	23-2	155853	155369	155776	155666	0.17	cps
Strontium	86-1	172457	174248	175313	174006	0.83	cps
Strontium	88-1	1541155	1543293	1535072	1539840	0.28	cps
Sulfur	34-1	251261	248199	242242	247234	1.85	cps
Terbium	159-1	6213366	6182834	6160809	6185669	0.43	cps
Terbium	159-2	4300290	4265909	4278245	4281481	0.41	cps
Thallium	203-1	1693	1703	1677	1691	0.80	cps
Thallium	205-1	3737	4127	3727	3864	5.91	cps
Tin	118-1	9807	9683	9863	9785	0.94	cps
Titanium	47-1	1302271	1317613	1344715	1321533	1.63	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4304-08A	Instrumnet Name :	P7
Client Sample ID :	MYDAP2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:05:05	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13127	13187	13447	13253	1.28	cps
Vanadium	51-2	434894	435169	432348	434137	0.36	cps
Yttrium	89-1	10183990	10174795	10227581	10195455	0.28	cps
Yttrium	89-2	2732818	2709914	2774307	2739013	1.19	cps
Zinc	66-2	436640	438072	436512	437075	0.20	cps
Zirconium	90-1	92496	95404	95156	94352	1.71	cps
Zirconium	91-1	20808	21399	21436	21214	1.66	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4305-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:08:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3006868	3002170	2976296	2995111	0.55	cps
Antimony	121-1	10441	10227	10844	10504	2.98	cps
Arsenic	75-2	26597	26661	26951	26736	0.71	cps
Barium	135-1	281734	276500	282967	280400	1.22	cps
Barium	137-1	487875	467565	487045	480828	2.39	cps
Beryllium	9-1	807	813	910	843	6.86	cps
Bismuth	209-1	3454792	3340534	3449173	3414833	1.89	cps
Bismuth	209-2	3064192	2985585	3016387	3022055	1.31	cps
Bromine	81-1	6241	6025	6178	6148	1.81	cps
Bromine	81-2	263	250	230	248	6.77	cps
Cadmium	108-1	110	117	103	110	6.06	cps
Cadmium	106-1	1800	1593	1587	1660	7.31	cps
Cadmium	111-1	2186	1844	2035	2022	8.49	cps
Calcium	43-1	187352	182066	193057	187492	2.93	cps
Calcium	44-1	2989347	2826697	2997222	2937756	3.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94527	94021	95715	94754	0.92	cps
Cobalt	59-2	142440	139567	141296	141101	1.03	cps
Copper	63-2	181040	179998	179272	180103	0.49	cps
Dysprosium	156-1	26478	25246	27213	26313	3.78	cps
Dysprosium	156-2	23066	23266	23593	23308	1.14	cps
Erbium	164-1	23012	22652	23233	22966	1.28	cps
Erbium	164-2	16403	16740	16470	16538	1.08	cps
Gadolinium	160-1	25784	24285	25036	25035	2.99	cps
Gadolinium	160-2	19540	19724	19484	19583	0.64	cps
Holmium	165-1	6024575	5740784	5855258	5873539	2.43	cps
Holmium	165-2	4345354	4280120	4338434	4321302	0.83	cps
Indium	115-1	5261128	5150068	5281735	5230977	1.35	cps
Indium	115-2	1909758	1901313	1901279	1904117	0.26	cps
Iron	56-2	202883644	203010804	202535597	202810015	0.12	cps
Iron	57-2	4957068	5104137	4890273	4983826	2.20	cps
Iron	54-2	11349172	11205682	11002194	11185683	1.56	cps
Krypton	83-1	247	430	313	330	28.12	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4305-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:08:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	124016	120365	125217	123199	2.05	cps
Lead	207-1	108119	104877	108563	107186	1.88	cps
Lead	208-1	491304	475507	494312	487041	2.07	cps
Lithium	6-1	633812	631692	642773	636092	0.92	cps
Magnesium	24-2	2052553	2016156	2005199	2024636	1.22	cps
Manganese	55-2	2498916	2499814	2451603	2483445	1.11	cps
Molybdenum	94-1	27676	27035	28474	27729	2.60	cps
Molybdenum	95-1	3517	3304	3394	3405	3.15	cps
Molybdenum	96-1	9697	9286	9653	9545	2.36	cps
Molybdenum	97-1	2157	2227	2197	2194	1.60	cps
Molybdenum	98-1	5514	5431	5371	5439	1.32	cps
Neodymium	150-1	46222	43283	46095	45200	3.68	cps
Neodymium	150-2	28369	28195	28305	28290	0.31	cps
Nickel	60-2	27582	27509	27285	27459	0.56	cps
Phosphorus	31-2	18855	18648	18271	18591	1.59	cps
Potassium	39-2	2176270	2117504	2148938	2147571	1.37	cps
Rhodium	103-1	5175880	5028186	5158669	5120912	1.58	cps
Rhodium	103-2	3226245	3214349	3199769	3213454	0.41	cps
Scandium	45-1	3758667	3541604	3681127	3660466	3.00	cps
Scandium	45-2	328802	329576	324976	327785	0.75	cps
Selenium	82-1	458	417	468	448	6.07	cps
Selenium	77-2	110	120	103	111	7.55	cps
Selenium	78-2	493	463	407	454	9.68	cps
Silicon	28-1	19098223	18395720	19216611	18903518	2.35	cps
Silver	107-1	11515	10667	11048	11077	3.83	cps
Silver	109-1	10284	9670	10591	10181	4.60	cps
Sodium	23-2	135574	134754	135948	135425	0.45	cps
Strontium	86-1	104724	101307	105891	103974	2.29	cps
Strontium	88-1	902641	881721	914256	899539	1.83	cps
Sulfur	34-1	146252	140082	140081	142138	2.51	cps
Terbium	159-1	6241043	6008039	6091259	6113447	1.93	cps
Terbium	159-2	4238194	4236748	4268219	4247720	0.42	cps
Thallium	203-1	1427	1433	1247	1369	7.74	cps
Thallium	205-1	3204	3104	3090	3133	1.98	cps
Tin	118-1	9170	9100	9270	9180	0.93	cps
Titanium	47-1	1356141	1297946	1370713	1341600	2.87	cps

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On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4305-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAJ5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:08:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8559	8143	8343	8348	2.50	cps
Vanadium	51-2	460067	457151	456744	457987	0.40	cps
Yttrium	89-1	9913328	9767555	9908323	9863069	0.84	cps
Yttrium	89-2	2650509	2668703	2614955	2644722	1.03	cps
Zinc	66-2	87032	87662	87595	87430	0.40	cps
Zirconium	90-1	74807	69836	71313	71985	3.55	cps
Zirconium	91-1	15669	15792	15482	15647	1.00	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4306-11A	Instrumnet Name :	P7
Client Sample ID :	MYDAM9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:11:25	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3291906	3283000	3228147	3267684	1.06	cps
Antimony	121-1	9643	9853	9870	9789	1.29	cps
Arsenic	75-2	22384	23061	23275	22907	2.03	cps
Barium	135-1	264743	266886	268186	266605	0.65	cps
Barium	137-1	454108	463859	462497	460155	1.15	cps
Beryllium	9-1	843	867	787	832	4.94	cps
Bismuth	209-1	3509319	3506343	3489028	3501563	0.31	cps
Bismuth	209-2	3065816	3136243	3147461	3116507	1.42	cps
Bromine	81-1	6435	6361	6261	6353	1.37	cps
Bromine	81-2	223	217	223	221	1.74	cps
Cadmium	108-1	73	73	113	87	26.65	cps
Cadmium	106-1	1697	1627	1480	1601	6.91	cps
Cadmium	111-1	1883	1741	1700	1775	5.42	cps
Calcium	43-1	158337	162659	163075	161357	1.63	cps
Calcium	44-1	2476327	2569316	2557172	2534272	1.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86399	85718	86181	86100	0.40	cps
Cobalt	59-2	114930	113076	115235	114413	1.02	cps
Copper	63-2	180016	177811	178958	178928	0.62	cps
Dysprosium	156-1	24705	25931	25483	25373	2.44	cps
Dysprosium	156-2	21630	22325	21854	21936	1.62	cps
Erbium	164-1	21690	22244	22208	22048	1.41	cps
Erbium	164-2	15993	15953	16383	16109	1.48	cps
Gadolinium	160-1	24325	24932	24699	24652	1.24	cps
Gadolinium	160-2	18589	19163	18626	18793	1.71	cps
Holmium	165-1	6117793	6016340	6043924	6059352	0.87	cps
Holmium	165-2	4403915	4359651	4510535	4424700	1.75	cps
Indium	115-1	5456160	5437878	5396345	5430127	0.56	cps
Indium	115-2	1955167	1972686	1973765	1967206	0.53	cps
Iron	56-2	176358244	174383671	176917431	175886448	0.76	cps
Iron	57-2	4459096	4332683	4351988	4381256	1.55	cps
Iron	54-2	9747821	9860762	9716558	9775047	0.78	cps
Krypton	83-1	270	297	317	294	7.95	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4306-11A	Instrumnet Name :	P7
Client Sample ID :	MYDAM9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:11:25	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2529261	2549790	2525796	2534949	0.51	cps
Lead	207-1	2217076	2226958	2241738	2228591	0.56	cps
Lead	208-1	9997163	10159050	10125813	10094008	0.85	cps
Lithium	6-1	662468	672832	670938	668746	0.83	cps
Magnesium	24-2	2354806	2354858	2329171	2346279	0.63	cps
Manganese	55-2	2412462	2443973	2425215	2427217	0.65	cps
Molybdenum	94-1	27132	27513	27182	27275	0.76	cps
Molybdenum	95-1	4374	4908	4908	4730	6.51	cps
Molybdenum	96-1	10544	10484	10721	10583	1.16	cps
Molybdenum	97-1	2960	3184	2967	3037	4.18	cps
Molybdenum	98-1	7199	7522	7625	7449	2.99	cps
Neodymium	150-1	43744	44196	43988	43976	0.51	cps
Neodymium	150-2	27500	27534	27069	27368	0.95	cps
Nickel	60-2	32398	32532	31520	32150	1.71	cps
Phosphorus	31-2	13963	14197	13990	14050	0.91	cps
Potassium	39-2	2181102	2159749	2196934	2179262	0.86	cps
Rhodium	103-1	5195039	5256184	5170406	5207210	0.85	cps
Rhodium	103-2	3368043	3346007	3217385	3310478	2.46	cps
Scandium	45-1	3745242	3792791	3802741	3780258	0.81	cps
Scandium	45-2	339859	335753	338780	338131	0.63	cps
Selenium	82-1	465	423	408	432	6.78	cps
Selenium	77-2	100	90	107	99	8.48	cps
Selenium	78-2	483	487	430	467	6.81	cps
Silicon	28-1	18764523	19084464	18651161	18833383	1.19	cps
Silver	107-1	10817	10968	10801	10862	0.85	cps
Silver	109-1	10334	10100	10427	10287	1.64	cps
Sodium	23-2	124686	123174	124939	124266	0.77	cps
Strontium	86-1	94803	96172	95407	95461	0.72	cps
Strontium	88-1	829534	832937	833316	831929	0.25	cps
Sulfur	34-1	139335	139072	138782	139063	0.20	cps
Terbium	159-1	6274334	6324525	6176262	6258374	1.20	cps
Terbium	159-2	4484962	4482276	4420463	4462567	0.82	cps
Thallium	203-1	750	783	783	772	2.49	cps
Thallium	205-1	1767	1767	1730	1755	1.21	cps
Tin	118-1	6165	5795	6335	6098	4.53	cps
Titanium	47-1	988074	992870	999361	993435	0.57	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4306-11A	Instrumnet Name :	P7
Client Sample ID :	MYDAM9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:11:25	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7445	7699	7199	7448	3.36	cps
Vanadium	51-2	322864	321071	322067	322001	0.28	cps
Yttrium	89-1	10160955	10070724	10259500	10163726	0.93	cps
Yttrium	89-2	2801515	2727357	2712294	2747055	1.74	cps
Zinc	66-2	98586	97023	96265	97291	1.22	cps
Zirconium	90-1	67799	68992	68894	68562	0.97	cps
Zirconium	91-1	15095	15101	15291	15162	0.74	cps

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On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4308-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAN1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:14:34	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6417442	6364168	6400501	6394037	0.43	cps
Antimony	121-1	7932	7869	8119	7973	1.63	cps
Arsenic	75-2	36034	35392	35740	35722	0.90	cps
Barium	135-1	500658	503982	509586	504742	0.89	cps
Barium	137-1	861228	881679	875776	872894	1.21	cps
Beryllium	9-1	1450	1320	1363	1378	4.80	cps
Bismuth	209-1	3430962	3484782	3456395	3457380	0.78	cps
Bismuth	209-2	3076159	3000279	3064442	3046960	1.34	cps
Bromine	81-1	7295	7432	7452	7393	1.15	cps
Bromine	81-2	433	437	420	430	2.05	cps
Cadmium	108-1	203	187	283	224	23.02	cps
Cadmium	106-1	1997	1890	1903	1930	3.01	cps
Cadmium	111-1	2946	2969	2918	2944	0.88	cps
Calcium	43-1	438877	449830	454979	447895	1.84	cps
Calcium	44-1	6940370	7104465	7087526	7044120	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152196	153700	150455	152117	1.07	cps
Cobalt	59-2	151308	150836	150146	150764	0.39	cps
Copper	63-2	319789	320650	315324	318588	0.90	cps
Dysprosium	156-1	44143	45259	45142	44848	1.37	cps
Dysprosium	156-2	40736	40354	39679	40256	1.33	cps
Erbium	164-1	38005	38098	38483	38195	0.66	cps
Erbium	164-2	27834	27998	28245	28026	0.74	cps
Gadolinium	160-1	43527	43728	44230	43828	0.83	cps
Gadolinium	160-2	33624	33456	33099	33393	0.80	cps
Holmium	165-1	5907910	5981226	5980101	5956412	0.71	cps
Holmium	165-2	4482855	4421434	4397110	4433800	1.00	cps
Indium	115-1	5242791	5322931	5297589	5287770	0.77	cps
Indium	115-2	1969510	1961987	1940287	1957261	0.78	cps
Iron	56-2	204252464	203796397	202641557	203563473	0.41	cps
Iron	57-2	5087315	5102312	5036130	5075252	0.68	cps
Iron	54-2	11360901	11234177	11291378	11295485	0.56	cps
Krypton	83-1	313	287	347	316	9.53	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4308-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAN1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:14:34	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	584241	588059	589229	587176	0.44	cps
Lead	207-1	509146	512894	513892	511978	0.49	cps
Lead	208-1	2316176	2339564	2340322	2332021	0.59	cps
Lithium	6-1	670078	685415	676128	677207	1.14	cps
Magnesium	24-2	3898422	3863312	3849935	3870556	0.65	cps
Manganese	55-2	3603015	3615938	3617068	3612007	0.22	cps
Molybdenum	94-1	61626	61733	62526	61962	0.79	cps
Molybdenum	95-1	8416	8382	8709	8503	2.12	cps
Molybdenum	96-1	19860	20331	19583	19925	1.90	cps
Molybdenum	97-1	5178	5421	5314	5304	2.30	cps
Molybdenum	98-1	13019	13146	13270	13145	0.95	cps
Neodymium	150-1	80545	81775	80917	81079	0.78	cps
Neodymium	150-2	50604	49918	49834	50119	0.84	cps
Nickel	60-2	50732	51144	50819	50898	0.43	cps
Phosphorus	31-2	19873	19563	19299	19578	1.47	cps
Potassium	39-2	3439373	3375937	3336958	3384089	1.53	cps
Rhodium	103-1	5195583	5259535	5164108	5206408	0.93	cps
Rhodium	103-2	3353288	3313250	3305653	3324064	0.77	cps
Scandium	45-1	3937752	3863309	3891772	3897611	0.96	cps
Scandium	45-2	344717	339623	343078	342472	0.76	cps
Selenium	82-1	482	460	462	468	2.55	cps
Selenium	77-2	227	157	183	189	18.70	cps
Selenium	78-2	613	513	493	540	11.91	cps
Silicon	28-1	24203632	25132606	24603711	24646650	1.89	cps
Silver	107-1	12636	12682	12502	12607	0.74	cps
Silver	109-1	11762	11688	12255	11902	2.59	cps
Sodium	23-2	171811	169610	169995	170472	0.69	cps
Strontium	86-1	197081	199873	202564	199839	1.37	cps
Strontium	88-1	1805889	1814306	1802370	1807522	0.34	cps
Sulfur	34-1	146147	146911	147052	146704	0.33	cps
Terbium	159-1	6292661	6303927	6315982	6304190	0.18	cps
Terbium	159-2	4402549	4361916	4385462	4383309	0.47	cps
Thallium	203-1	1733	1687	1570	1663	5.06	cps
Thallium	205-1	3814	3924	3784	3841	1.92	cps
Tin	118-1	12022	12209	12402	12211	1.56	cps
Titanium	47-1	1497332	1527286	1507926	1510848	1.01	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4308-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAN1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:14:34	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15736	15836	15733	15768	0.37	cps
Vanadium	51-2	353945	349690	350539	351391	0.64	cps
Yttrium	89-1	10466047	10571635	10340098	10459260	1.11	cps
Yttrium	89-2	2864555	2793657	2786305	2814839	1.54	cps
Zinc	66-2	155046	153941	152844	153944	0.72	cps
Zirconium	90-1	153390	158613	158321	156775	1.87	cps
Zirconium	91-1	34631	34948	35035	34871	0.61	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:17:46	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5681076	5641474	5687313	5669954	0.44	cps
Antimony	121-1	11028	11151	10874	11018	1.26	cps
Arsenic	75-2	44540	44246	44055	44280	0.55	cps
Barium	135-1	499903	507948	509868	505906	1.05	cps
Barium	137-1	871089	870516	870238	870614	0.05	cps
Beryllium	9-1	1327	1300	1417	1348	4.54	cps
Bismuth	209-1	3571256	3546032	3548092	3555127	0.39	cps
Bismuth	209-2	3126191	3076617	3201094	3134634	2.00	cps
Bromine	81-1	7619	7805	7542	7655	1.77	cps
Bromine	81-2	527	473	523	508	5.88	cps
Cadmium	108-1	197	220	183	200	9.28	cps
Cadmium	106-1	2167	1913	1980	2020	6.50	cps
Cadmium	111-1	2933	2786	2845	2854	2.59	cps
Calcium	43-1	303473	305693	307663	305610	0.69	cps
Calcium	44-1	4724531	4855342	4869391	4816421	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	136885	136054	137713	136884	0.61	cps
Cobalt	59-2	163862	162712	161096	162557	0.85	cps
Copper	63-2	302880	301322	300616	301606	0.38	cps
Dysprosium	156-1	42190	42825	42504	42506	0.75	cps
Dysprosium	156-2	36678	36795	37229	36901	0.79	cps
Erbium	164-1	35659	36601	36451	36237	1.40	cps
Erbium	164-2	26171	26418	26148	26246	0.57	cps
Gadolinium	160-1	40899	40719	41484	41034	0.98	cps
Gadolinium	160-2	31699	30333	31606	31213	2.45	cps
Holmium	165-1	6190385	6216044	6068935	6158455	1.28	cps
Holmium	165-2	4463182	4423626	4472790	4453199	0.59	cps
Indium	115-1	5407215	5439775	5363824	5403605	0.71	cps
Indium	115-2	1995514	1952621	1962030	1970055	1.14	cps
Iron	56-2	223304717	220900237	221191757	221798903	0.59	cps
Iron	57-2	5571977	5434937	5508724	5505213	1.25	cps
Iron	54-2	12295329	12002022	12127910	12141754	1.21	cps
Krypton	83-1	303	313	343	320	6.51	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:17:46	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	262153	264102	265475	263910	0.63	cps
Lead	207-1	237789	237772	237727	237762	0.01	cps
Lead	208-1	1052630	1057023	1059750	1056467	0.34	cps
Lithium	6-1	713398	725975	722797	720723	0.91	cps
Magnesium	24-2	3298119	3321334	3340034	3319829	0.63	cps
Manganese	55-2	3862827	3826100	3833281	3840736	0.51	cps
Molybdenum	94-1	44538	44468	43622	44209	1.15	cps
Molybdenum	95-1	4204	4751	4247	4401	6.91	cps
Molybdenum	96-1	13420	13446	13283	13383	0.66	cps
Molybdenum	97-1	2757	2690	2560	2669	3.75	cps
Molybdenum	98-1	6695	6475	6815	6662	2.59	cps
Neodymium	150-1	74459	73728	73433	73873	0.71	cps
Neodymium	150-2	45858	45593	46409	45953	0.91	cps
Nickel	60-2	44944	44289	44105	44446	0.99	cps
Phosphorus	31-2	20808	20631	20761	20733	0.44	cps
Potassium	39-2	3001368	2935746	3015689	2984268	1.43	cps
Rhodium	103-1	5221480	5237709	5211216	5223468	0.26	cps
Rhodium	103-2	3327848	3268704	3283775	3293442	0.93	cps
Scandium	45-1	3948585	4031884	3853402	3944623	2.26	cps
Scandium	45-2	342139	340057	340861	341019	0.31	cps
Selenium	82-1	495	524	480	500	4.42	cps
Selenium	77-2	163	177	150	163	8.16	cps
Selenium	78-2	417	547	457	473	14.07	cps
Silicon	28-1	22997805	23053107	23317774	23122895	0.74	cps
Silver	107-1	12979	13023	13009	13004	0.17	cps
Silver	109-1	12179	12412	12379	12323	1.03	cps
Sodium	23-2	142015	141943	141406	141788	0.23	cps
Strontium	86-1	186349	190083	188510	188314	1.00	cps
Strontium	88-1	1661783	1678771	1728940	1689831	2.07	cps
Sulfur	34-1	159037	159085	158286	158803	0.28	cps
Terbium	159-1	6390470	6390357	6273302	6351377	1.06	cps
Terbium	159-2	4402718	4436536	4434038	4424431	0.43	cps
Thallium	203-1	1237	1330	1347	1305	4.55	cps
Thallium	205-1	3054	3187	3004	3081	3.08	cps
Tin	118-1	7976	7919	7919	7938	0.41	cps
Titanium	47-1	1448772	1444739	1458993	1450835	0.51	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-01A	Instrumnet Name :	P7
Client Sample ID :	MYDAQ6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:17:46	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13761	13867	13904	13844	0.54	cps
Vanadium	51-2	412782	411037	409530	411116	0.40	cps
Yttrium	89-1	10733008	10526804	10540221	10600011	1.09	cps
Yttrium	89-2	2773166	2788571	2810611	2790783	0.67	cps
Zinc	66-2	182991	179701	181641	181444	0.91	cps
Zirconium	90-1	115501	115087	117345	115978	1.04	cps
Zirconium	91-1	25352	26053	26424	25943	2.10	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-20REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAT0	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:20:56	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20618292	20121643	20092405	20277447	1.46	cps
Antimony	121-1	14561	14608	15028	14732	1.75	cps
Arsenic	75-2	86637	85605	86091	86111	0.60	cps
Barium	135-1	1713894	1746872	1744558	1735108	1.06	cps
Barium	137-1	2934992	3014827	3011216	2987012	1.51	cps
Beryllium	9-1	4317	4071	4237	4208	2.99	cps
Bismuth	209-1	3441368	3433813	3421534	3432239	0.29	cps
Bismuth	209-2	3055618	3036762	3055909	3049430	0.36	cps
Bromine	81-1	9003	9627	9333	9321	3.35	cps
Bromine	81-2	977	993	1070	1013	4.91	cps
Cadmium	108-1	407	400	413	407	1.64	cps
Cadmium	106-1	2664	2540	2627	2610	2.43	cps
Cadmium	111-1	4340	4168	4497	4335	3.79	cps
Calcium	43-1	1026631	1035357	1029779	1030589	0.43	cps
Calcium	44-1	16223081	16146855	16167468	16179135	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	466483	464028	462164	464225	0.47	cps
Cobalt	59-2	438182	434165	429477	433941	1.00	cps
Copper	63-2	913933	910162	901238	908444	0.72	cps
Dysprosium	156-1	125673	127809	126826	126769	0.84	cps
Dysprosium	156-2	111986	111183	110722	111297	0.57	cps
Erbium	164-1	108464	108614	108319	108466	0.14	cps
Erbium	164-2	78683	78067	78637	78462	0.44	cps
Gadolinium	160-1	125412	125211	125920	125514	0.29	cps
Gadolinium	160-2	94359	94845	94200	94468	0.36	cps
Holmium	165-1	6174811	6075168	6087902	6112627	0.89	cps
Holmium	165-2	4546316	4396786	4503310	4482137	1.72	cps
Indium	115-1	5369712	5344239	5299629	5337860	0.66	cps
Indium	115-2	1949115	1892419	1942764	1928099	1.61	cps
Iron	56-2	666364830	662524910	663308470	664066070	0.31	cps
Iron	57-2	16655775	16439474	16554984	16550078	0.65	cps
Iron	54-2	37411517	36606588	35885169	36634424	2.08	cps
Krypton	83-1	440	480	390	437	10.33	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-20REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAT0	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:20:56	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	462075	465996	464903	464325	0.44	cps
Lead	207-1	407822	408096	410040	408653	0.30	cps
Lead	208-1	1822853	1837121	1842124	1834033	0.55	cps
Lithium	6-1	736330	733318	734222	734624	0.21	cps
Magnesium	24-2	11804626	11816819	12038053	11886499	1.11	cps
Manganese	55-2	9407957	9339224	9272162	9339781	0.73	cps
Molybdenum	94-1	140622	143519	142315	142152	1.02	cps
Molybdenum	95-1	9116	8816	8969	8967	1.67	cps
Molybdenum	96-1	37692	37862	38026	37860	0.44	cps
Molybdenum	97-1	5398	5514	5478	5463	1.09	cps
Molybdenum	98-1	14094	14190	13873	14052	1.16	cps
Neodymium	150-1	224666	227217	224010	225298	0.75	cps
Neodymium	150-2	139990	137675	139630	139098	0.90	cps
Nickel	60-2	137205	137511	136508	137075	0.37	cps
Phosphorus	31-2	54788	54052	53814	54218	0.94	cps
Potassium	39-2	5715710	5605871	5621028	5647536	1.05	cps
Rhodium	103-1	5152809	5079067	5082348	5104741	0.82	cps
Rhodium	103-2	3219385	3173978	3223999	3205787	0.86	cps
Scandium	45-1	4331924	4349777	4265665	4315789	1.03	cps
Scandium	45-2	376076	376379	375928	376128	0.06	cps
Selenium	82-1	675	683	777	712	7.96	cps
Selenium	77-2	547	493	447	496	10.10	cps
Selenium	78-2	757	813	760	777	4.09	cps
Silicon	28-1	63149301	63520207	63468509	63379339	0.32	cps
Silver	107-1	4684	4811	4574	4690	2.53	cps
Silver	109-1	4391	4774	4471	4545	4.45	cps
Sodium	23-2	310782	311414	310532	310909	0.15	cps
Strontium	86-1	575740	575717	575924	575794	0.02	cps
Strontium	88-1	5154152	5266981	5228600	5216578	1.10	cps
Sulfur	34-1	178344	176584	176146	177025	0.66	cps
Terbium	159-1	6476037	6332205	6287140	6365127	1.55	cps
Terbium	159-2	4493768	4510461	4481507	4495245	0.32	cps
Thallium	203-1	3074	3304	3304	3227	4.12	cps
Thallium	205-1	7329	7349	7602	7427	2.05	cps
Tin	118-1	13924	14220	14087	14077	1.06	cps
Titanium	47-1	2755974	2731959	2797330	2761754	1.20	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-20REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAT0	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:20:56	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34181	34013	35287	34494	2.01	cps
Vanadium	51-2	1250939	1244386	1239052	1244793	0.48	cps
Yttrium	89-1	11791285	11886945	11664896	11781042	0.95	cps
Yttrium	89-2	3134956	3121849	3121474	3126093	0.25	cps
Zinc	66-2	354198	355570	350947	353572	0.67	cps
Zirconium	90-1	377368	383070	382765	381068	0.84	cps
Zirconium	91-1	84734	85679	84173	84862	0.90	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4310-03A	Instrumnet Name :	P7
Client Sample ID :	MYDAT5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:24:06	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5291846	5148108	5252776	5230910	1.42	cps
Antimony	121-1	6405	6318	6328	6350	0.75	cps
Arsenic	75-2	34610	34453	35102	34722	0.97	cps
Barium	135-1	496746	496930	495340	496338	0.18	cps
Barium	137-1	838163	849739	861865	849922	1.39	cps
Beryllium	9-1	1163	1147	1317	1209	7.75	cps
Bismuth	209-1	3332355	3367506	3372356	3357406	0.65	cps
Bismuth	209-2	2979571	2991579	3001683	2990944	0.37	cps
Bromine	81-1	6758	6648	6718	6708	0.83	cps
Bromine	81-2	387	380	283	350	16.52	cps
Cadmium	108-1	123	103	130	119	11.68	cps
Cadmium	106-1	1713	1630	1563	1636	4.60	cps
Cadmium	111-1	1976	2185	1953	2038	6.27	cps
Calcium	43-1	302451	311496	309250	307732	1.53	cps
Calcium	44-1	4852006	4802796	4889058	4847954	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	154664	152152	152208	153008	0.94	cps
Cobalt	59-2	182676	181807	184113	182865	0.64	cps
Copper	63-2	273763	275518	275759	275013	0.40	cps
Dysprosium	156-1	35013	34790	35385	35063	0.86	cps
Dysprosium	156-2	30557	30754	30620	30643	0.33	cps
Erbium	164-1	30918	31258	31479	31218	0.91	cps
Erbium	164-2	22635	22638	22906	22726	0.68	cps
Gadolinium	160-1	33821	33911	34436	34056	0.97	cps
Gadolinium	160-2	25914	26281	26121	26105	0.71	cps
Holmium	165-1	5944225	5821020	5869040	5878095	1.06	cps
Holmium	165-2	4345296	4272914	4304406	4307539	0.84	cps
Indium	115-1	5238928	5250978	5175969	5221958	0.77	cps
Indium	115-2	1930428	1892325	1875204	1899319	1.49	cps
Iron	56-2	228638543	231040897	231156177	230278539	0.62	cps
Iron	57-2	5786622	5774508	5798153	5786428	0.20	cps
Iron	54-2	12852170	12887069	13075178	12938139	0.93	cps
Krypton	83-1	330	330	270	310	11.17	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4310-03A	Instrumnet Name :	P7
Client Sample ID :	MYDAT5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:24:06	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	574528	584280	580832	579880	0.85	cps
Lead	207-1	502615	505773	505432	504607	0.34	cps
Lead	208-1	2274226	2297754	2299895	2290625	0.62	cps
Lithium	6-1	663977	655446	660764	660063	0.65	cps
Magnesium	24-2	3722798	3606371	3684462	3671210	1.62	cps
Manganese	55-2	3647526	3758125	3716152	3707268	1.51	cps
Molybdenum	94-1	37030	38785	37578	37798	2.38	cps
Molybdenum	95-1	4664	4454	4674	4597	2.70	cps
Molybdenum	96-1	12375	12422	12943	12580	2.50	cps
Molybdenum	97-1	3024	2930	2757	2904	4.66	cps
Molybdenum	98-1	6918	7115	7262	7098	2.43	cps
Neodymium	150-1	58942	60168	59769	59626	1.05	cps
Neodymium	150-2	36698	36701	36902	36767	0.32	cps
Nickel	60-2	49103	48478	48271	48617	0.89	cps
Phosphorus	31-2	18418	18665	18882	18655	1.24	cps
Potassium	39-2	1807383	1816669	1801528	1808527	0.42	cps
Rhodium	103-1	5118052	5067926	4978903	5054960	1.39	cps
Rhodium	103-2	3254264	3147485	3180417	3194056	1.71	cps
Scandium	45-1	3742677	3752164	3794739	3763193	0.74	cps
Scandium	45-2	333554	325611	328611	329259	1.22	cps
Selenium	82-1	482	380	435	432	11.86	cps
Selenium	77-2	157	123	127	136	13.54	cps
Selenium	78-2	490	503	430	474	8.23	cps
Silicon	28-1	25495890	24886883	24134290	24839021	2.75	cps
Silver	107-1	1723	1403	1397	1508	12.38	cps
Silver	109-1	1480	1310	1480	1423	6.90	cps
Sodium	23-2	151130	149343	151662	150712	0.81	cps
Strontium	86-1	160556	162081	161750	161462	0.50	cps
Strontium	88-1	1387143	1410721	1419980	1405948	1.20	cps
Sulfur	34-1	137216	137148	136926	137097	0.11	cps
Terbium	159-1	6067093	6179773	6019136	6088667	1.35	cps
Terbium	159-2	4305698	4234946	4206818	4249154	1.20	cps
Thallium	203-1	993	1070	1047	1037	3.79	cps
Thallium	205-1	2517	2587	2504	2536	1.77	cps
Tin	118-1	10841	11031	11238	11037	1.80	cps
Titanium	47-1	1288051	1293009	1332122	1304394	1.85	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4310-03A	Instrumnet Name :	P7
Client Sample ID :	MYDAT5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:24:06	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10838	10771	10915	10841	0.66	cps
Vanadium	51-2	441521	443107	439829	441486	0.37	cps
Yttrium	89-1	10142077	10168323	10139925	10150109	0.16	cps
Yttrium	89-2	2676772	2613716	2660796	2650428	1.24	cps
Zinc	66-2	134005	131278	132663	132649	1.03	cps
Zirconium	90-1	96991	95804	97335	96710	0.83	cps
Zirconium	91-1	21279	21553	21336	21389	0.68	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB06ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:27:17	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6049551	6005279	6021771	6025534	0.37	cps
Antimony	121-1	3784	3867	3437	3696	6.17	cps
Arsenic	75-2	13446	13513	13540	13500	0.36	cps
Barium	135-1	442130	448306	452199	447545	1.13	cps
Barium	137-1	776779	771822	769123	772574	0.50	cps
Beryllium	9-1	1280	1283	1157	1240	5.82	cps
Bismuth	209-1	3415395	3454313	3452232	3440647	0.64	cps
Bismuth	209-2	3033432	2986272	2955928	2991878	1.31	cps
Bromine	81-1	7289	7792	7842	7641	4.01	cps
Bromine	81-2	517	527	463	502	6.78	cps
Cadmium	108-1	123	113	93	110	13.89	cps
Cadmium	106-1	1743	1610	1770	1708	5.02	cps
Cadmium	111-1	1567	1484	1664	1572	5.71	cps
Calcium	43-1	285941	291702	286698	288114	1.09	cps
Calcium	44-1	4506228	4644104	4630096	4593476	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132242	132704	129450	131465	1.34	cps
Cobalt	59-2	151210	152648	152957	152272	0.61	cps
Copper	63-2	215112	215745	218603	216487	0.86	cps
Dysprosium	156-1	43688	44092	44891	44224	1.39	cps
Dysprosium	156-2	39261	39639	39612	39504	0.53	cps
Erbium	164-1	38028	38366	39208	38534	1.58	cps
Erbium	164-2	27404	27654	27454	27504	0.48	cps
Gadolinium	160-1	43347	43544	42568	43153	1.20	cps
Gadolinium	160-2	32718	32458	33116	32764	1.01	cps
Holmium	165-1	5939802	6028502	5920872	5963059	0.96	cps
Holmium	165-2	4284752	4311441	4303072	4299755	0.32	cps
Indium	115-1	5150672	5303515	5223626	5225938	1.46	cps
Indium	115-2	1904906	1921538	1917890	1914778	0.46	cps
Iron	56-2	209778004	210954184	210437857	210390015	0.28	cps
Iron	57-2	5159983	5036651	5136691	5111108	1.28	cps
Iron	54-2	11462311	11581961	11584669	11542980	0.61	cps
Krypton	83-1	357	287	337	327	11.04	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB06ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:27:17	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	75756	77147	76829	76577	0.95	cps
Lead	207-1	61853	62352	62061	62089	0.40	cps
Lead	208-1	287163	291773	289747	289561	0.80	cps
Lithium	6-1	644417	649319	642127	645288	0.57	cps
Magnesium	24-2	3520849	3525664	3481446	3509320	0.69	cps
Manganese	55-2	3445366	3414830	3403176	3421124	0.64	cps
Molybdenum	94-1	36796	37167	37555	37173	1.02	cps
Molybdenum	95-1	3047	2920	2890	2953	2.82	cps
Molybdenum	96-1	10417	10557	10701	10558	1.34	cps
Molybdenum	97-1	1790	1713	1673	1726	3.44	cps
Molybdenum	98-1	4281	4374	4351	4335	1.12	cps
Neodymium	150-1	78356	79311	79522	79063	0.79	cps
Neodymium	150-2	48112	47924	46710	47582	1.60	cps
Nickel	60-2	48823	47502	46803	47709	2.15	cps
Phosphorus	31-2	18725	18675	18878	18759	0.57	cps
Potassium	39-2	2584986	2560327	2518297	2554537	1.32	cps
Rhodium	103-1	5122175	5111034	5037345	5090185	0.91	cps
Rhodium	103-2	3186663	3178400	3169364	3178142	0.27	cps
Scandium	45-1	3790380	3897644	3830447	3839490	1.41	cps
Scandium	45-2	337212	334548	330000	333920	1.09	cps
Selenium	82-1	393	439	429	420	5.81	cps
Selenium	77-2	160	183	183	176	7.68	cps
Selenium	78-2	440	450	567	486	14.50	cps
Silicon	28-1	26899683	26970275	26913935	26927965	0.14	cps
Silver	107-1	10117	10190	9994	10100	0.98	cps
Silver	109-1	9326	9436	9136	9300	1.63	cps
Sodium	23-2	142674	145224	144238	144045	0.89	cps
Strontium	86-1	167010	167311	168713	167678	0.54	cps
Strontium	88-1	1500549	1504822	1474065	1493145	1.12	cps
Sulfur	34-1	132364	131620	130905	131630	0.55	cps
Terbium	159-1	6166648	6165878	6098976	6143834	0.63	cps
Terbium	159-2	4271336	4282977	4282001	4278771	0.15	cps
Thallium	203-1	1237	1097	1170	1168	6.00	cps
Thallium	205-1	2787	2810	2800	2799	0.42	cps
Tin	118-1	11174	11385	10811	11123	2.61	cps
Titanium	47-1	1233911	1269437	1277601	1260316	1.84	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB06ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:27:17	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12920	13160	12796	12959	1.43	cps
Vanadium	51-2	361027	364589	364373	363330	0.55	cps
Yttrium	89-1	10271336	10354183	10118439	10247986	1.17	cps
Yttrium	89-2	2758396	2726803	2658938	2714712	1.87	cps
Zinc	66-2	78817	78760	77477	78351	0.97	cps
Zirconium	90-1	96623	98958	99115	98232	1.42	cps
Zirconium	91-1	21369	21913	21753	21678	1.29	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-05REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAX7	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:30:31	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20802857	21088481	20761199	20884179	0.85	cps
Antimony	121-1	8886	9286	9183	9119	2.28	cps
Arsenic	75-2	49342	49345	48756	49148	0.69	cps
Barium	135-1	1469466	1491192	1499522	1486727	1.04	cps
Barium	137-1	2667516	2771931	2819172	2752873	2.82	cps
Beryllium	9-1	3320	3380	3217	3306	2.50	cps
Bismuth	209-1	3348380	3385259	3325758	3353132	0.90	cps
Bismuth	209-2	2898862	2901538	2953951	2918117	1.06	cps
Bromine	81-1	8449	8739	8663	8617	1.74	cps
Bromine	81-2	903	957	913	924	3.07	cps
Cadmium	108-1	253	243	273	257	5.95	cps
Cadmium	106-1	2300	2287	2394	2327	2.50	cps
Cadmium	111-1	2413	2471	2564	2483	3.08	cps
Calcium	43-1	1056290	1079560	1080833	1072227	1.29	cps
Calcium	44-1	16468454	16993496	16964170	16808707	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	404747	404371	405310	404809	0.12	cps
Cobalt	59-2	447917	449408	447755	448360	0.20	cps
Copper	63-2	884284	877351	880907	880847	0.39	cps
Dysprosium	156-1	154846	159110	158115	157357	1.42	cps
Dysprosium	156-2	136192	136880	137024	136699	0.32	cps
Erbium	164-1	131900	136944	135459	134767	1.92	cps
Erbium	164-2	96796	97450	96575	96940	0.47	cps
Gadolinium	160-1	159284	161287	162021	160864	0.88	cps
Gadolinium	160-2	119172	120735	120583	120163	0.72	cps
Holmium	165-1	5903582	6085996	5913419	5967666	1.72	cps
Holmium	165-2	4262792	4333897	4340912	4312533	1.00	cps
Indium	115-1	5142068	5157854	5250790	5183571	1.13	cps
Indium	115-2	1859066	1898086	1874197	1877116	1.05	cps
Iron	56-2	668487590	664578830	656337417	663134612	0.94	cps
Iron	57-2	16626334	16328180	16695184	16549899	1.18	cps
Iron	54-2	36063343	36252700	36249124	36188389	0.30	cps
Krypton	83-1	493	463	500	486	4.02	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-05REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAX7	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:30:31	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	189120	193569	192774	191821	1.24	cps
Lead	207-1	153015	155657	156951	155208	1.29	cps
Lead	208-1	714415	731708	730650	725591	1.34	cps
Lithium	6-1	601941	605203	587901	598348	1.54	cps
Magnesium	24-2	12745088	12805013	12703290	12751131	0.40	cps
Manganese	55-2	9056258	9057930	9121973	9078720	0.41	cps
Molybdenum	94-1	110164	113832	113036	112344	1.72	cps
Molybdenum	95-1	7545	7515	7579	7546	0.42	cps
Molybdenum	96-1	30950	31741	31718	31470	1.43	cps
Molybdenum	97-1	4671	4604	4858	4711	2.79	cps
Molybdenum	98-1	11298	11728	11475	11500	1.88	cps
Neodymium	150-1	280515	287750	289076	285780	1.61	cps
Neodymium	150-2	175714	175839	174538	175364	0.41	cps
Nickel	60-2	133732	134393	133360	133828	0.39	cps
Phosphorus	31-2	52246	52861	52446	52518	0.60	cps
Potassium	39-2	2925461	2936866	2934491	2932273	0.21	cps
Rhodium	103-1	5035310	5049942	5063645	5049632	0.28	cps
Rhodium	103-2	3091289	3114904	3134590	3113594	0.70	cps
Scandium	45-1	4195763	4219153	4195357	4203424	0.32	cps
Scandium	45-2	369192	376376	372206	372592	0.97	cps
Selenium	82-1	631	681	596	636	6.70	cps
Selenium	77-2	627	590	550	589	6.51	cps
Selenium	78-2	643	897	910	817	18.40	cps
Silicon	28-1	64934779	65370997	66016219	65440665	0.83	cps
Silver	107-1	2044	2110	2067	2074	1.63	cps
Silver	109-1	1923	1830	2137	1963	8.01	cps
Sodium	23-2	461206	459908	460745	460619	0.14	cps
Strontium	86-1	582826	606027	605292	598049	2.21	cps
Strontium	88-1	5380296	5378652	5284880	5347943	1.02	cps
Sulfur	34-1	136019	136977	135783	136260	0.46	cps
Terbium	159-1	6246976	6251314	6176957	6225082	0.67	cps
Terbium	159-2	4310993	4352227	4339703	4334307	0.49	cps
Thallium	203-1	2764	2767	2820	2784	1.14	cps
Thallium	205-1	5855	6498	6575	6309	6.27	cps
Tin	118-1	26578	27383	27276	27079	1.61	cps
Titanium	47-1	3263627	3332767	3392499	3329631	1.94	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-05REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAX7	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:30:31	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30959	30421	31490	30957	1.73	cps
Vanadium	51-2	1206382	1198845	1196310	1200512	0.44	cps
Yttrium	89-1	11982019	12131606	11840876	11984834	1.21	cps
Yttrium	89-2	3290982	3189421	3164984	3215129	2.08	cps
Zinc	66-2	232327	233906	231181	232471	0.59	cps
Zirconium	90-1	293802	297960	302078	297946	1.39	cps
Zirconium	91-1	63872	66698	67015	65862	2.63	cps

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On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-11REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY3	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:33:40	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19975386	20059178	20207451	20080671	0.59	cps
Antimony	121-1	12522	12045	13393	12653	5.40	cps
Arsenic	75-2	65370	64436	65530	65112	0.91	cps
Barium	135-1	1346412	1289296	1382421	1339376	3.51	cps
Barium	137-1	2496385	2408756	2518605	2474582	2.35	cps
Beryllium	9-1	2834	2767	3100	2900	6.08	cps
Bismuth	209-1	3322532	3535584	3384447	3414188	3.21	cps
Bismuth	209-2	2933576	2970767	2629222	2844522	6.59	cps
Bromine	81-1	7669	7779	7942	7797	1.77	cps
Bromine	81-2	800	760	693	751	7.17	cps
Cadmium	108-1	313	347	347	336	5.74	cps
Cadmium	106-1	2524	2267	2414	2401	5.36	cps
Cadmium	111-1	2917	2578	2754	2749	6.18	cps
Calcium	43-1	1023489	983009	1052412	1019637	3.42	cps
Calcium	44-1	16152853	15290731	16353541	15932375	3.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	426943	431577	439110	432543	1.42	cps
Cobalt	59-2	485742	487206	490266	487738	0.47	cps
Copper	63-2	885225	885479	884462	885055	0.06	cps
Dysprosium	156-1	136445	128373	138670	134496	4.03	cps
Dysprosium	156-2	118357	119631	120764	119584	1.01	cps
Erbium	164-1	118958	113048	120988	117665	3.51	cps
Erbium	164-2	86140	86073	85694	85969	0.28	cps
Gadolinium	160-1	136848	131459	140254	136187	3.26	cps
Gadolinium	160-2	103032	103646	105027	103902	0.98	cps
Holmium	165-1	6009897	6322225	6150486	6160869	2.54	cps
Holmium	165-2	4278061	4367085	3862907	4169351	6.45	cps
Indium	115-1	5222375	5437314	5299703	5319797	2.05	cps
Indium	115-2	1877167	1883183	1696820	1819057	5.82	cps
Iron	56-2	658308350	656835550	672720523	662621475	1.32	cps
Iron	57-2	16483191	16555368	16540724	16526428	0.23	cps
Iron	54-2	36810712	36637514	37153035	36867087	0.71	cps
Krypton	83-1	440	660	490	530	21.76	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-11REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY3	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:33:40	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	202336	198475	206620	202477	2.01	cps
Lead	207-1	168015	164261	171741	168006	2.23	cps
Lead	208-1	774135	757340	796001	775825	2.50	cps
Lithium	6-1	613453	616187	592438	607360	2.14	cps
Magnesium	24-2	13113538	13047731	13402271	13187847	1.43	cps
Manganese	55-2	14981937	14678665	15158530	14939711	1.62	cps
Molybdenum	94-1	138142	137740	142042	139308	1.71	cps
Molybdenum	95-1	8726	8663	9116	8835	2.78	cps
Molybdenum	96-1	37120	36155	37241	36839	1.62	cps
Molybdenum	97-1	5574	5231	5414	5407	3.18	cps
Molybdenum	98-1	13516	13103	13613	13411	2.02	cps
Neodymium	150-1	246448	235462	252734	244881	3.57	cps
Neodymium	150-2	156343	152801	156453	155199	1.34	cps
Nickel	60-2	131535	133146	134098	132926	0.97	cps
Phosphorus	31-2	51808	52189	51460	51819	0.70	cps
Potassium	39-2	3422515	3378623	3481092	3427410	1.50	cps
Rhodium	103-1	5001500	5322135	5095542	5139726	3.21	cps
Rhodium	103-2	3146082	3210261	2907873	3088072	5.16	cps
Scandium	45-1	4294927	4419819	4339029	4351258	1.46	cps
Scandium	45-2	377892	374464	343979	365445	5.11	cps
Selenium	82-1	617	603	648	623	3.73	cps
Selenium	77-2	567	567	587	573	2.01	cps
Selenium	78-2	763	843	773	793	5.49	cps
Silicon	28-1	59108164	57061566	61333851	59167860	3.61	cps
Silver	107-1	1927	1767	2050	1915	7.42	cps
Silver	109-1	1697	1583	1737	1672	4.76	cps
Sodium	23-2	291417	290170	293074	291553	0.50	cps
Strontium	86-1	543177	523384	559840	542133	3.37	cps
Strontium	88-1	4964645	4842942	4990999	4932862	1.60	cps
Sulfur	34-1	139721	135999	139449	138390	1.50	cps
Terbium	159-1	6280212	6586446	6385213	6417290	2.42	cps
Terbium	159-2	4368150	4330014	3965571	4221245	5.26	cps
Thallium	203-1	2687	2874	3014	2858	5.74	cps
Thallium	205-1	6412	6218	6712	6447	3.86	cps
Tin	118-1	28802	27720	29634	28719	3.34	cps
Titanium	47-1	3241865	3138694	3320200	3233586	2.82	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-11REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY3	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:33:40	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27178	26540	28307	27342	3.27	cps
Vanadium	51-2	1187124	1181868	1203227	1190740	0.93	cps
Yttrium	89-1	11866144	12353770	11959082	12059665	2.15	cps
Yttrium	89-2	3132853	3153964	2899425	3062081	4.61	cps
Zinc	66-2	251904	253028	255454	253462	0.72	cps
Zirconium	90-1	365891	354793	379399	366694	3.36	cps
Zirconium	91-1	81525	79499	83573	81532	2.50	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-14REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY6	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:36:50	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20097798	20655088	20548146	20433677	1.45	cps
Antimony	121-1	12072	11972	12392	12145	1.81	cps
Arsenic	75-2	60801	60047	61229	60692	0.99	cps
Barium	135-1	1331198	1382438	1370928	1361521	1.97	cps
Barium	137-1	2501249	2505155	2527763	2511389	0.57	cps
Beryllium	9-1	3100	3277	3394	3257	4.54	cps
Bismuth	209-1	3305653	3295039	3334145	3311612	0.61	cps
Bismuth	209-2	2965127	2937322	2883627	2928692	1.41	cps
Bromine	81-1	10527	11104	11188	10940	3.29	cps
Bromine	81-2	1233	1287	1297	1272	2.68	cps
Cadmium	108-1	400	323	370	364	10.60	cps
Cadmium	106-1	2524	2370	2447	2447	3.13	cps
Cadmium	111-1	3017	3010	3091	3039	1.48	cps
Calcium	43-1	1127770	1133853	1146661	1136095	0.85	cps
Calcium	44-1	17663020	17937732	17689266	17763339	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	580388	585031	572043	579154	1.14	cps
Cobalt	59-2	455840	450292	444258	450130	1.29	cps
Copper	63-2	919340	908169	922864	916791	0.84	cps
Dysprosium	156-1	144963	147718	148149	146943	1.18	cps
Dysprosium	156-2	128503	126493	128074	127690	0.83	cps
Erbium	164-1	122226	123497	124852	123525	1.06	cps
Erbium	164-2	88501	88847	87536	88295	0.77	cps
Gadolinium	160-1	147106	148002	147591	147567	0.30	cps
Gadolinium	160-2	110102	109907	111251	110420	0.66	cps
Holmium	165-1	6041579	6031819	5987955	6020451	0.47	cps
Holmium	165-2	4323774	4357058	4250344	4310392	1.27	cps
Indium	115-1	5300523	5302824	5230546	5277964	0.78	cps
Indium	115-2	1892649	1865078	1874558	1877428	0.75	cps
Iron	56-2	580635405	568419938	569477312	572844218	1.18	cps
Iron	57-2	14178399	14254931	14196968	14210099	0.28	cps
Iron	54-2	31747156	31630323	31494819	31624099	0.40	cps
Krypton	83-1	450	477	387	438	10.56	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-14REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY6	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:36:50	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	248473	250872	252525	250623	0.81	cps
Lead	207-1	209787	213338	213069	212065	0.93	cps
Lead	208-1	956478	971910	975584	967990	1.05	cps
Lithium	6-1	600540	599486	586638	595555	1.30	cps
Magnesium	24-2	13921984	14226280	13886445	14011570	1.33	cps
Manganese	55-2	9694885	9534652	9591933	9607157	0.85	cps
Molybdenum	94-1	111400	112969	112572	112314	0.73	cps
Molybdenum	95-1	6498	6998	7502	7000	7.17	cps
Molybdenum	96-1	30869	31107	30051	30676	1.81	cps
Molybdenum	97-1	4474	4417	4454	4448	0.65	cps
Molybdenum	98-1	10467	10877	11161	10835	3.22	cps
Neodymium	150-1	268996	272279	272564	271280	0.73	cps
Neodymium	150-2	163590	164751	164736	164359	0.41	cps
Nickel	60-2	178319	179962	177640	178640	0.67	cps
Phosphorus	31-2	42429	42191	41984	42201	0.53	cps
Potassium	39-2	4259329	4240636	4118596	4206187	1.82	cps
Rhodium	103-1	5014326	4952585	4995553	4987488	0.63	cps
Rhodium	103-2	3172347	3154854	3093464	3140222	1.32	cps
Scandium	45-1	4168464	4219237	4144753	4177485	0.91	cps
Scandium	45-2	366593	366085	362008	364895	0.69	cps
Selenium	82-1	672	648	741	687	6.98	cps
Selenium	77-2	510	570	567	549	6.14	cps
Selenium	78-2	847	867	803	839	3.86	cps
Silicon	28-1	63220766	65562659	65026656	64603360	1.90	cps
Silver	107-1	5071	5401	5321	5264	3.27	cps
Silver	109-1	4634	5044	5034	4904	4.77	cps
Sodium	23-2	361921	359763	359312	360332	0.39	cps
Strontium	86-1	543311	555244	556623	551726	1.33	cps
Strontium	88-1	4854131	4958472	5000829	4937811	1.53	cps
Sulfur	34-1	157398	155643	157092	156711	0.60	cps
Terbium	159-1	6310029	6251915	6218417	6260120	0.74	cps
Terbium	159-2	4336511	4352997	4322766	4337424	0.35	cps
Thallium	203-1	2537	2664	2450	2550	4.21	cps
Thallium	205-1	6208	6078	6285	6190	1.69	cps
Tin	118-1	26424	27416	27750	27197	2.54	cps
Titanium	47-1	2550452	2663060	2622270	2611927	2.18	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-14REDLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY6	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 17:36:50	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30665	31200	31253	31040	1.05	cps
Vanadium	51-2	972448	961899	958766	964371	0.74	cps
Yttrium	89-1	11863845	11914871	11802322	11860346	0.48	cps
Yttrium	89-2	3140059	3173543	3094429	3136010	1.27	cps
Zinc	66-2	269692	270227	269882	269934	0.10	cps
Zirconium	90-1	296177	303111	299712	299667	1.16	cps
Zirconium	91-1	64625	65475	66644	65581	1.55	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB17ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:39:57	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4610142	4507871	4617210	4578408	1.34	cps
Antimony	121-1	10030	10624	10330	10328	2.87	cps
Arsenic	75-2	58782	58100	57340	58074	1.24	cps
Barium	135-1	362561	370276	364945	365927	1.08	cps
Barium	137-1	626504	631782	631869	630051	0.49	cps
Beryllium	9-1	1103	983	1077	1054	5.98	cps
Bismuth	209-1	3462492	3442138	3461930	3455520	0.34	cps
Bismuth	209-2	2983983	3020237	3011600	3005274	0.63	cps
Bromine	81-1	7932	7759	7936	7876	1.28	cps
Bromine	81-2	477	487	477	480	1.20	cps
Cadmium	108-1	277	253	270	267	4.51	cps
Cadmium	106-1	1777	1923	1847	1849	3.97	cps
Cadmium	111-1	4057	4189	4224	4157	2.12	cps
Calcium	43-1	236553	239351	234345	236749	1.06	cps
Calcium	44-1	3715659	3731855	3720292	3722602	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121576	121287	120812	121225	0.32	cps
Cobalt	59-2	157373	157784	157808	157655	0.16	cps
Copper	63-2	563035	553023	554733	556930	0.96	cps
Dysprosium	156-1	41347	42394	41652	41798	1.29	cps
Dysprosium	156-2	35752	36173	36213	36046	0.71	cps
Erbium	164-1	34817	35482	34763	35020	1.14	cps
Erbium	164-2	25544	24922	25056	25174	1.30	cps
Gadolinium	160-1	40535	40829	40853	40739	0.43	cps
Gadolinium	160-2	30209	30747	30754	30570	1.02	cps
Holmium	165-1	5990052	6021220	5947637	5986303	0.62	cps
Holmium	165-2	4339806	4291710	4301699	4311072	0.59	cps
Indium	115-1	5323471	5237947	5192992	5251470	1.26	cps
Indium	115-2	1905044	1909491	1877389	1897308	0.92	cps
Iron	56-2	209682997	207404044	209844137	208977059	0.65	cps
Iron	57-2	5276705	5208484	5228710	5237967	0.67	cps
Iron	54-2	11567463	11508665	11584867	11553665	0.35	cps
Krypton	83-1	303	383	277	321	17.29	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB17ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:39:57	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1290056	1311940	1308486	1303494	0.90	cps
Lead	207-1	1135157	1154462	1143844	1144488	0.84	cps
Lead	208-1	5484261	5609612	5566754	5553542	1.15	cps
Lithium	6-1	618933	622688	609881	617167	1.07	cps
Magnesium	24-2	3295464	3345200	3275815	3305493	1.08	cps
Manganese	55-2	2931174	2938927	2901814	2923972	0.67	cps
Molybdenum	94-1	29710	30108	29977	29932	0.68	cps
Molybdenum	95-1	4121	4001	4044	4055	1.50	cps
Molybdenum	96-1	10551	10931	10470	10651	2.31	cps
Molybdenum	97-1	2314	2547	2370	2410	5.05	cps
Molybdenum	98-1	6235	6071	6318	6208	2.02	cps
Neodymium	150-1	73735	74941	73886	74187	0.89	cps
Neodymium	150-2	45493	44721	44353	44855	1.30	cps
Nickel	60-2	43804	43603	43403	43603	0.46	cps
Phosphorus	31-2	24446	24587	24069	24367	1.10	cps
Potassium	39-2	2430810	2483596	2459126	2457844	1.07	cps
Rhodium	103-1	5140194	5122491	5114087	5125590	0.26	cps
Rhodium	103-2	3235280	3125010	3231947	3197412	1.96	cps
Scandium	45-1	3817624	3763390	3692899	3757971	1.66	cps
Scandium	45-2	323222	326480	322843	324182	0.62	cps
Selenium	82-1	462	385	544	464	17.23	cps
Selenium	77-2	143	160	163	156	6.89	cps
Selenium	78-2	450	487	510	482	6.27	cps
Silicon	28-1	24255175	24086031	23935965	24092390	0.66	cps
Silver	107-1	14571	15191	15295	15019	2.61	cps
Silver	109-1	14341	14487	14197	14342	1.01	cps
Sodium	23-2	139647	140773	141252	140557	0.59	cps
Strontium	86-1	127186	130682	130292	129387	1.48	cps
Strontium	88-1	1123959	1132004	1125099	1127021	0.39	cps
Sulfur	34-1	136261	134697	132592	134517	1.37	cps
Terbium	159-1	6292285	6176093	6108515	6192298	1.50	cps
Terbium	159-2	4284085	4272350	4318034	4291490	0.55	cps
Thallium	203-1	1347	1473	1223	1348	9.28	cps
Thallium	205-1	3034	3080	3170	3095	2.25	cps
Tin	118-1	11875	12332	12155	12121	1.90	cps
Titanium	47-1	1035185	1058627	1032169	1041994	1.39	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB17ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:39:57	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10865	11245	11342	11150	2.26	cps
Vanadium	51-2	387644	386242	388492	387459	0.29	cps
Yttrium	89-1	10316541	10201090	10099741	10205791	1.06	cps
Yttrium	89-2	2732932	2697019	2671669	2700540	1.14	cps
Zinc	66-2	245827	244654	245244	245242	0.24	cps
Zirconium	90-1	76133	77098	76836	76689	0.65	cps
Zirconium	91-1	17170	17357	16897	17141	1.35	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:43:09	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6940413	6848478	6824919	6871270	0.89	cps
Antimony	121-1	2943451	3069487	3005877	3006271	2.10	cps
Arsenic	75-2	207977	207351	205059	206796	0.74	cps
Barium	135-1	3700366	3782726	3741049	3741380	1.10	cps
Barium	137-1	6350582	6458699	6455051	6421444	0.96	cps
Beryllium	9-1	417792	440050	451235	436359	3.90	cps
Bismuth	209-1	3245465	3277182	3271792	3264813	0.52	cps
Bismuth	209-2	2877217	2887020	2865750	2876662	0.37	cps
Bromine	81-1	6465	6051	6035	6184	3.94	cps
Bromine	81-2	53	60	77	63	18.98	cps
Cadmium	108-1	53234	54458	54325	54006	1.24	cps
Cadmium	106-1	77086	77552	78089	77576	0.65	cps
Cadmium	111-1	726016	742038	745983	738012	1.43	cps
Calcium	43-1	4551399	4675227	4702702	4643109	1.74	cps
Calcium	44-1	73336377	74881166	75240936	74486159	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1413897	1406474	1398356	1406242	0.55	cps
Cobalt	59-2	2263720	2278131	2269579	2270477	0.32	cps
Copper	63-2	15837405	16161004	16063063	16020490	1.04	cps
Dysprosium	156-1	173	183	207	188	9.11	cps
Dysprosium	156-2	273	183	217	224	20.27	cps
Erbium	164-1	183	127	173	161	18.77	cps
Erbium	164-2	117	100	107	108	7.78	cps
Gadolinium	160-1	137	133	153	141	7.59	cps
Gadolinium	160-2	223	263	253	247	8.44	cps
Holmium	165-1	5835546	5893822	5791625	5840331	0.88	cps
Holmium	165-2	4327129	4353608	4231490	4304076	1.49	cps
Indium	115-1	5010075	5047632	4939831	4999180	1.09	cps
Indium	115-2	1826385	1805906	1806709	1813000	0.64	cps
Iron	56-2	297723596	297306029	296016209	297015278	0.30	cps
Iron	57-2	7591265	7449272	7470249	7503596	1.02	cps
Iron	54-2	16598676	16432596	16519203	16516825	0.50	cps
Krypton	83-1	240	227	203	223	8.31	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:43:09	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9122957	9492358	9529144	9381487	2.39	cps
Lead	207-1	7995777	8271371	8370644	8212597	2.36	cps
Lead	208-1	36303234	37630588	37927179	37287000	2.32	cps
Lithium	6-1	655743	688252	704507	682834	3.64	cps
Magnesium	24-2	56346972	56002718	55626114	55991935	0.64	cps
Manganese	55-2	9974122	9866433	9901473	9914009	0.55	cps
Molybdenum	94-1	12007085	12311381	12311463	12209976	1.44	cps
Molybdenum	95-1	17280108	17605958	17740011	17542026	1.35	cps
Molybdenum	96-1	18887618	19270740	19279865	19146075	1.17	cps
Molybdenum	97-1	10851877	10889772	10962051	10901233	0.51	cps
Molybdenum	98-1	27657452	28450475	28125425	28077784	1.42	cps
Neodymium	150-1	203	167	160	177	13.21	cps
Neodymium	150-2	97	63	90	83	21.17	cps
Nickel	60-2	559603	558783	559611	559332	0.09	cps
Phosphorus	31-2	80708	80594	79508	80270	0.82	cps
Potassium	39-2	39106503	39428717	39158079	39231099	0.44	cps
Rhodium	103-1	4783644	4793189	4745607	4774146	0.53	cps
Rhodium	103-2	3003757	3027425	2990212	3007131	0.63	cps
Scandium	45-1	3584585	3500024	3537540	3540716	1.20	cps
Scandium	45-2	305501	306693	304898	305697	0.30	cps
Selenium	82-1	49998	50605	50743	50449	0.79	cps
Selenium	77-2	5234	5014	5161	5136	2.18	cps
Selenium	78-2	17297	17347	16903	17182	1.41	cps
Silicon	28-1	20300502	20498657	20977356	20592172	1.69	cps
Silver	107-1	3857790	3942268	3916142	3905400	1.11	cps
Silver	109-1	3632466	3752900	3711098	3698821	1.65	cps
Sodium	23-2	97278482	96836242	96141005	96751910	0.59	cps
Strontium	86-1	25564965	25792049	26269247	25875420	1.39	cps
Strontium	88-1	221999817	227169470	225735257	224968181	1.19	cps
Sulfur	34-1	427201	435604	433125	431976	1.00	cps
Terbium	159-1	6033914	6007194	6031248	6024118	0.24	cps
Terbium	159-2	4251075	4250606	4273157	4258279	0.30	cps
Thallium	203-1	2317854	2402106	2393202	2371054	1.95	cps
Thallium	205-1	5405635	5576419	5558461	5513505	1.70	cps
Tin	118-1	2356179	2457540	2397548	2403756	2.12	cps
Titanium	47-1	4883922	4982758	4983268	4949983	1.16	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:43:09	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6751349	7061379	7185226	6999318	3.19	cps
Vanadium	51-2	1276076	1276579	1268486	1273713	0.36	cps
Yttrium	89-1	9564090	9605937	9481324	9550450	0.66	cps
Yttrium	89-2	2492413	2412207	2475279	2459966	1.72	cps
Zinc	66-2	2640436	2679299	2586535	2635423	1.77	cps
Zirconium	90-1	5527235	5680632	5768027	5658631	2.15	cps
Zirconium	91-1	1211193	1230646	1246470	1229437	1.44	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:45:55	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	857	760	733	783	8.28	cps
Antimony	121-1	1953	2110	2117	2060	4.49	cps
Arsenic	75-2	20	30	23	24	20.83	cps
Barium	135-1	317	270	243	277	13.42	cps
Barium	137-1	580	477	377	478	21.28	cps
Beryllium	9-1	63	90	80	78	17.32	cps
Bismuth	209-1	3658250	3507176	3476873	3547433	2.74	cps
Bismuth	209-2	3098969	3113371	3128585	3113642	0.48	cps
Bromine	81-1	5391	5621	5418	5477	2.30	cps
Bromine	81-2	63	90	93	82	20.00	cps
Cadmium	108-1	13	30	27	23	37.81	cps
Cadmium	106-1	1360	1390	1330	1360	2.21	cps
Cadmium	111-1	1039	1045	1022	1036	1.15	cps
Calcium	43-1	727	633	590	650	10.74	cps
Calcium	44-1	23772	22200	21152	22375	5.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	693	677	797	722	9.00	cps
Cobalt	59-2	167	137	80	128	34.44	cps
Copper	63-2	1510	1520	1363	1465	5.99	cps
Dysprosium	156-1	40	37	43	40	8.32	cps
Dysprosium	156-2	20	10	23	18	39.03	cps
Erbium	164-1	57	37	47	47	21.43	cps
Erbium	164-2	27	23	40	30	29.40	cps
Gadolinium	160-1	30	27	50	36	35.49	cps
Gadolinium	160-2	197	157	150	168	15.04	cps
Holmium	165-1	5983418	5962220	5853027	5932888	1.18	cps
Holmium	165-2	4370593	4319047	4340397	4343346	0.60	cps
Indium	115-1	5385071	5342941	5276165	5334726	1.03	cps
Indium	115-2	1907128	1949615	1932090	1929611	1.11	cps
Iron	56-2	33006	31283	30735	31675	3.74	cps
Iron	57-2	2950	3110	3124	3061	3.15	cps
Iron	54-2	2464	2520	2600	2528	2.72	cps
Krypton	83-1	260	240	210	237	10.64	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:45:55	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1303	1033	833	1057	22.32	cps
Lead	207-1	1037	933	763	911	15.15	cps
Lead	208-1	4967	4100	3537	4201	17.15	cps
Lithium	6-1	715633	708121	713783	712512	0.55	cps
Magnesium	24-2	2314	2120	2077	2170	5.81	cps
Manganese	55-2	1353	1327	1227	1302	5.13	cps
Molybdenum	94-1	1420	1077	1047	1181	17.56	cps
Molybdenum	95-1	1787	1447	1200	1478	19.93	cps
Molybdenum	96-1	1880	1510	1443	1611	14.60	cps
Molybdenum	97-1	1073	797	697	856	22.81	cps
Molybdenum	98-1	2747	2117	1910	2258	19.30	cps
Neodymium	150-1	7	10	20	12	56.76	cps
Neodymium	150-2	13	0	10	8	89.21	cps
Nickel	60-2	83	120	133	112	23.08	cps
Phosphorus	31-2	110	120	113	114	4.45	cps
Potassium	39-2	86001	86222	86031	86085	0.14	cps
Rhodium	103-1	5275975	5200987	5232919	5236627	0.72	cps
Rhodium	103-2	3249667	3255054	3246316	3250346	0.14	cps
Scandium	45-1	3638525	3627426	3569001	3611651	1.03	cps
Scandium	45-2	307829	303934	306415	306060	0.64	cps
Selenium	82-1	310	321	381	337	11.38	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	350	350	310	337	6.86	cps
Silicon	28-1	339464	336544	336742	337583	0.48	cps
Silver	107-1	703	2290	563	1186	80.89	cps
Silver	109-1	730	577	387	564	30.47	cps
Sodium	23-2	67407	66711	65006	66375	1.86	cps
Strontium	86-1	2067	1510	1443	1673	20.46	cps
Strontium	88-1	14811	10454	7966	11077	31.28	cps
Sulfur	34-1	181433	184667	185852	183984	1.24	cps
Terbium	159-1	6243390	6082358	6073589	6133113	1.56	cps
Terbium	159-2	4282038	4327779	4341768	4317195	0.72	cps
Thallium	203-1	507	397	250	384	33.49	cps
Thallium	205-1	1077	987	767	943	16.91	cps
Tin	118-1	1567	1443	1433	1481	5.01	cps
Titanium	47-1	593	557	503	551	8.21	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:45:55	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	473	310	257	347	32.57	cps
Vanadium	51-2	80	67	60	69	14.78	cps
Yttrium	89-1	9572942	9615099	9507408	9565149	0.57	cps
Yttrium	89-2	2485631	2502960	2483887	2490826	0.42	cps
Zinc	66-2	830	837	783	817	3.56	cps
Zirconium	90-1	1063	997	883	981	9.28	cps
Zirconium	91-1	190	233	213	212	10.22	cps

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Prep Standard - Chemical Standard Summary

Order ID : P4308

Test : Metals CLP MS FULL

Prepbatch ID : PB164187,

Sequence ID/Qc Batch ID: LB133170,LB133179,

Standard ID :
MP81119,MP82127,MP82568,MP82569,MP82570,MP82571,MP82572,MP82573,MP82574,MP82575,MP82576,MP82577,MP82578,MP82579,MP82580,MP82581,MP82583,MP82585,MP82586,MP82587,

Chemical ID :
M5192,M5288,M5289,M5295,M5304,M5390,M5473,M5476,M5498,M5513,M5515,M5519,M5565,M5634,M5657,M5658,M5697,M5698,M5739,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M5935,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6037,M6040,M6055,M6088,W2606,W3112,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	04/24/2025	Al-Terek Isaac	METALS_SCALE_2 (M SC-2)	METALS_PIPETTE_1 (ICP A)	Sarabjit Jaswal 06/21/2024

FROM 1250.00000ml of M5935 + 1250.00000ml of W2606 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP82127	09/03/2024	02/08/2025	Janvi Patel	None	None	Sarabjit Jaswal 09/03/2024

FROM 1250.00000ml of M6040 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP82568	09/28/2024	10/31/2024	Sarabjit Jaswal	None	None	Mohan Bera 09/30/2024

FROM 25.00000ml of M6040 + 4925.00000ml of W3112 + 50.00000ml of M6037 = Final Quantity: 5000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP82569	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5768 + 5.00000ml of M5806 + 79.00000ml of MP82568 = 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
3947	S7(SFAM,6020,200.8)	MP82570	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M5976 + 10.00000ml of M5978 + 10.00000ml of M6037 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6040 + 50.00000ml of M5304 + 829.10000ml of W3112 + 9.00000ml of M5697 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.90000ml of M5498 + 9.90000ml of M5768 + 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)	MP82571	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 25.00000ml of MP82570 = 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)	MP82572	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 73.50000ml of W3112 + 25.00000ml of MP82570 = 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)	MP82573	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 12.50000ml of MP82570 = 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)	MP82574	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82571 = 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)	MP82575	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 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 M5982 + 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 M5697 + 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 M6040 + 226.25000ml of W3112 + 5.00000ml of M6037 = 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)	MP82576	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 0.50000ml of MP82575 = 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)	MP82577	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82576 = 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)	MP82578	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP82579	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 1.25000ml of M5473 + 10.00000ml of M6037 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5769 + 24.95000ml of M5806 + 25.00000ml of M5304 + 4.50000ml of M5697 + 4.50000ml of M5698 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6040 + 824.35000ml 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
1142	ICSA ICPMS	MP82580	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP82581	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP82568 = 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	MP82583	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

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 M5697 + 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 M5519 + 12.50000ml of M5769 + 12.50000ml of M5806 + 158.75000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 2.50000ml of M6040 + 5.00000ml of M5515 + 5.00000ml of M6037 + 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
3962	MG 10PPM FOR TUNE	MP82585	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.01000ml of M5768 + 9.99000ml of MP82568 = 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
3894	TUNE 200PPB	MP82586	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP82585 + 96.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP82587	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 5.00000ml of M6037 + 75.00000ml of M5739 + 170.00000ml of MP82568 = Final Quantity: 250.000 ml

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CHEMICAL RECEIPT LOG BOOK

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	02/20/2020 / 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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CHEMICAL RECEIPT LOG BOOK

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	03/16/2023 / jaswal	03/16/2023 / jaswal	M5473

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	08/09/2025	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.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

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CHEMICAL RECEIPT LOG BOOK

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 #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 / jaswal	08/03/2022 / Al-Terek	M5634

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	08/29/2023 / 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.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

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

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CHEMICAL RECEIPT LOG BOOK

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.	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

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CHEMICAL RECEIPT LOG BOOK

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

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

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CHEMICAL RECEIPT LOG BOOK

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

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 #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	12/08/2024	06/21/2024 / Al-Terek	06/07/2024 / Al-Terek	M5935

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CHEMICAL RECEIPT LOG BOOK

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

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

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CHEMICAL RECEIPT LOG BOOK

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

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	06/12/2027	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	01/25/2019 / 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

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CHEMICAL RECEIPT LOG BOOK

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 #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	02/02/2025	08/24/2024 / Janvi	08/01/2024 / Janvi	M6037

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)	24D1562005	02/08/2025	08/09/2024 / jaswal	08/01/2024 / Janvi	M6040

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

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	03/25/2029	10/15/2024 / Janvi	09/10/2024 / Janvi	M6088

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606

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CHEMICAL RECEIPT LOG BOOK

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R 8/5/24

M6028

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

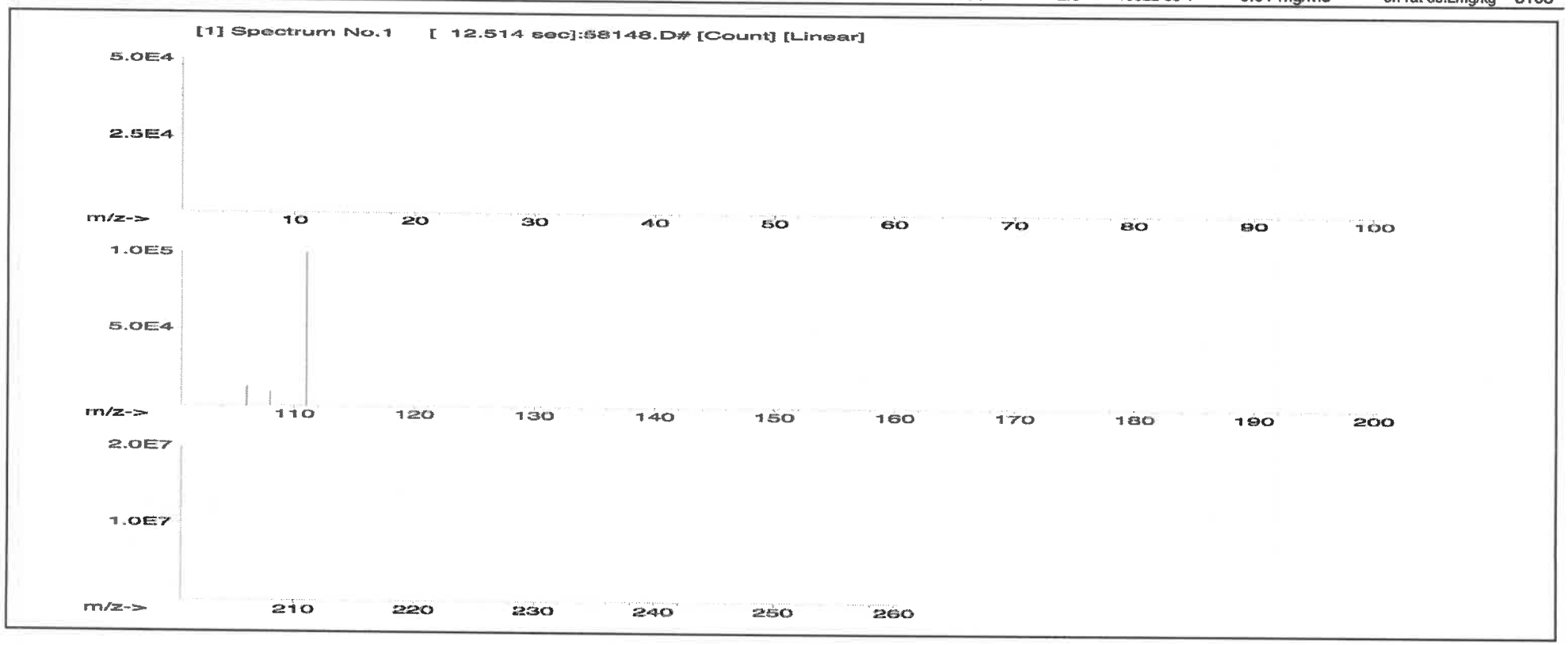
CERTIFIED WEIGHT REPORT:

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).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

R: 8/5/24

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

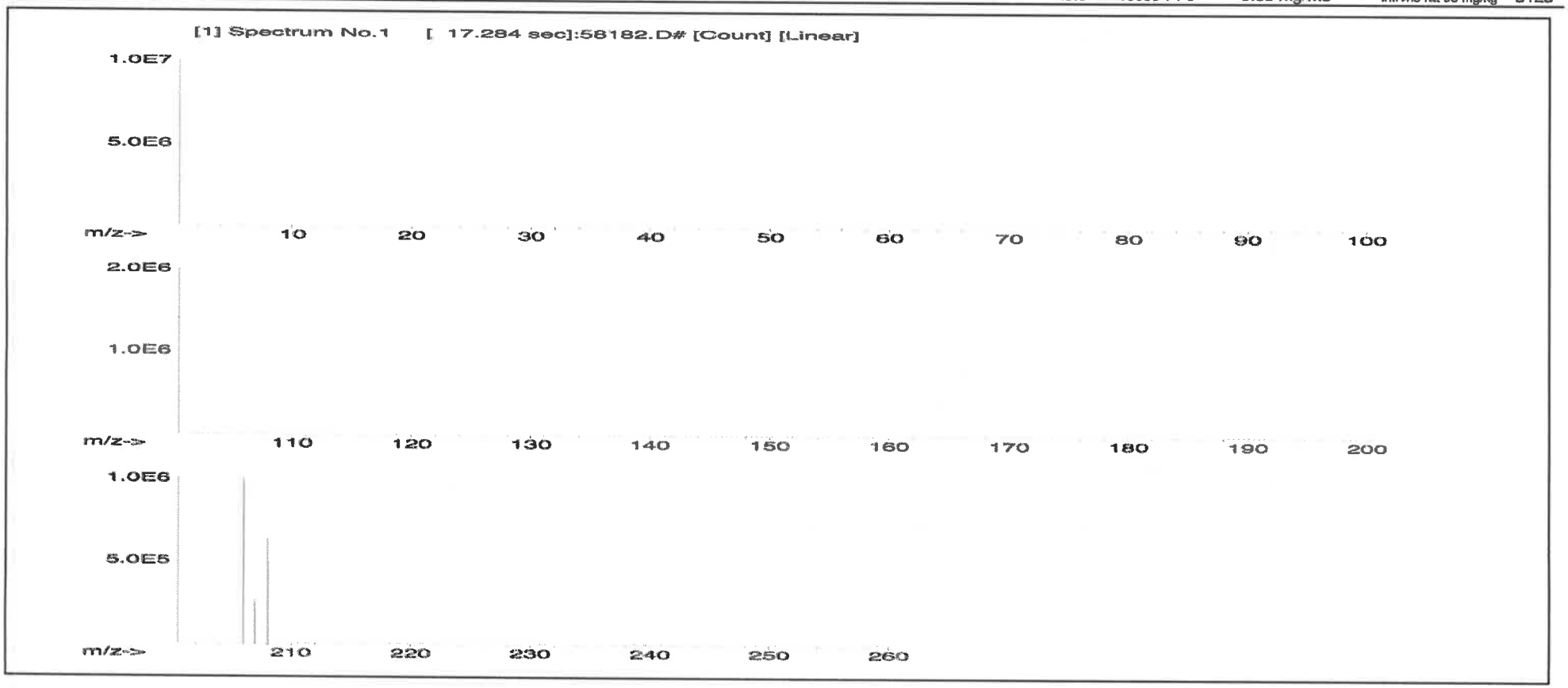
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		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.

* 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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* 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

M5192 R: 06/17/22

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CERTIFIED WEIGHT REPORT:

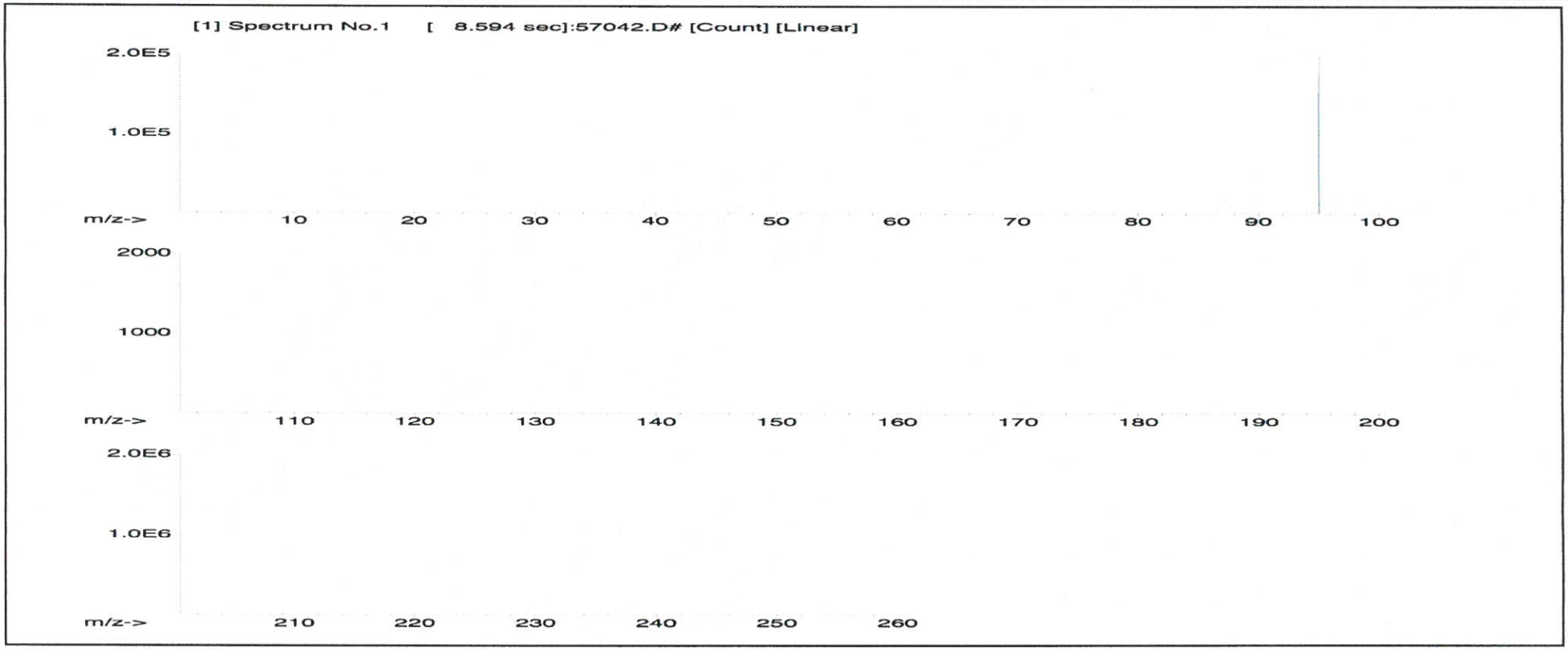
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)

	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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* 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).

V15200 R: 04/24/22 (BP)

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Certified Reference Material CRM

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CERTIFIED WEIGHT REPORT:

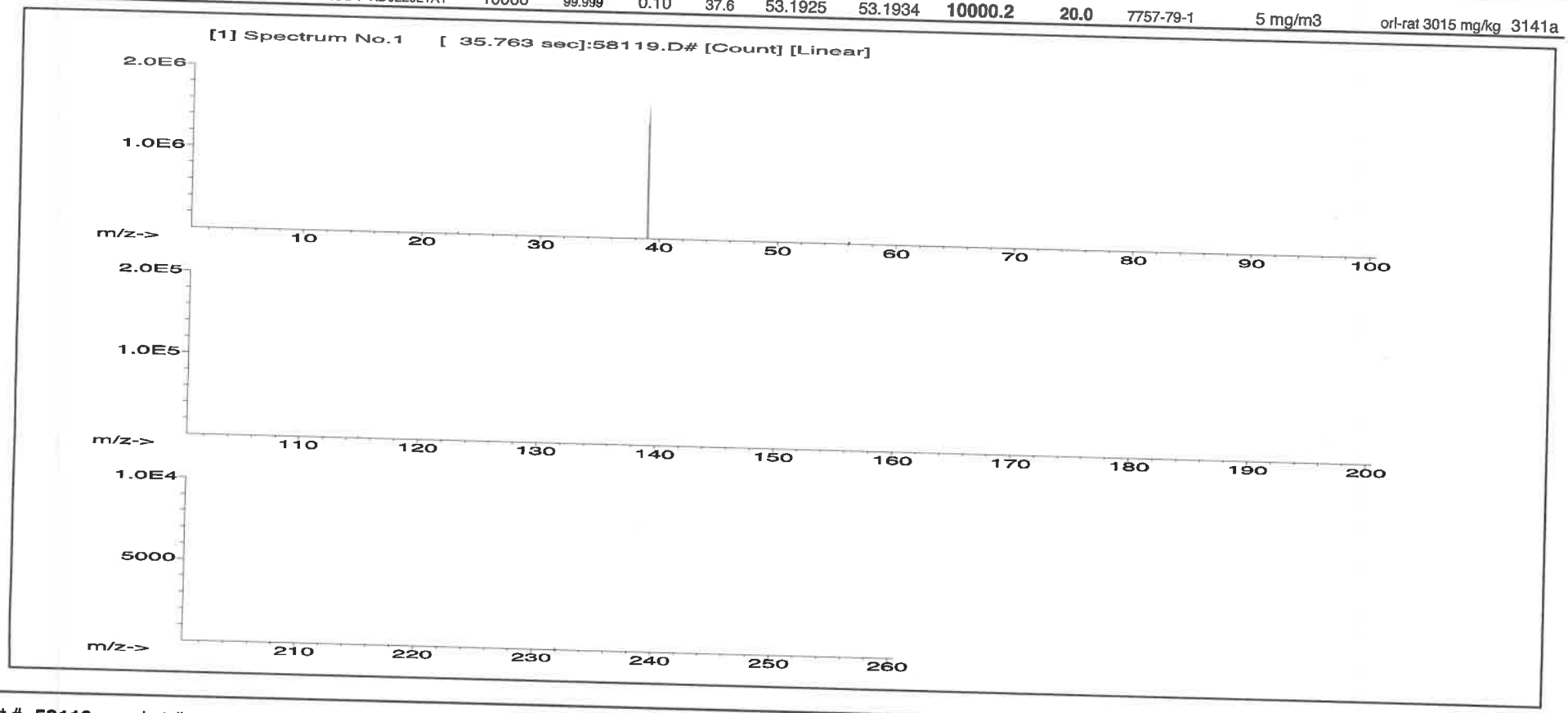
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

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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M5289 R: 07/12/22 (BH)

Certified Reference Material CRM

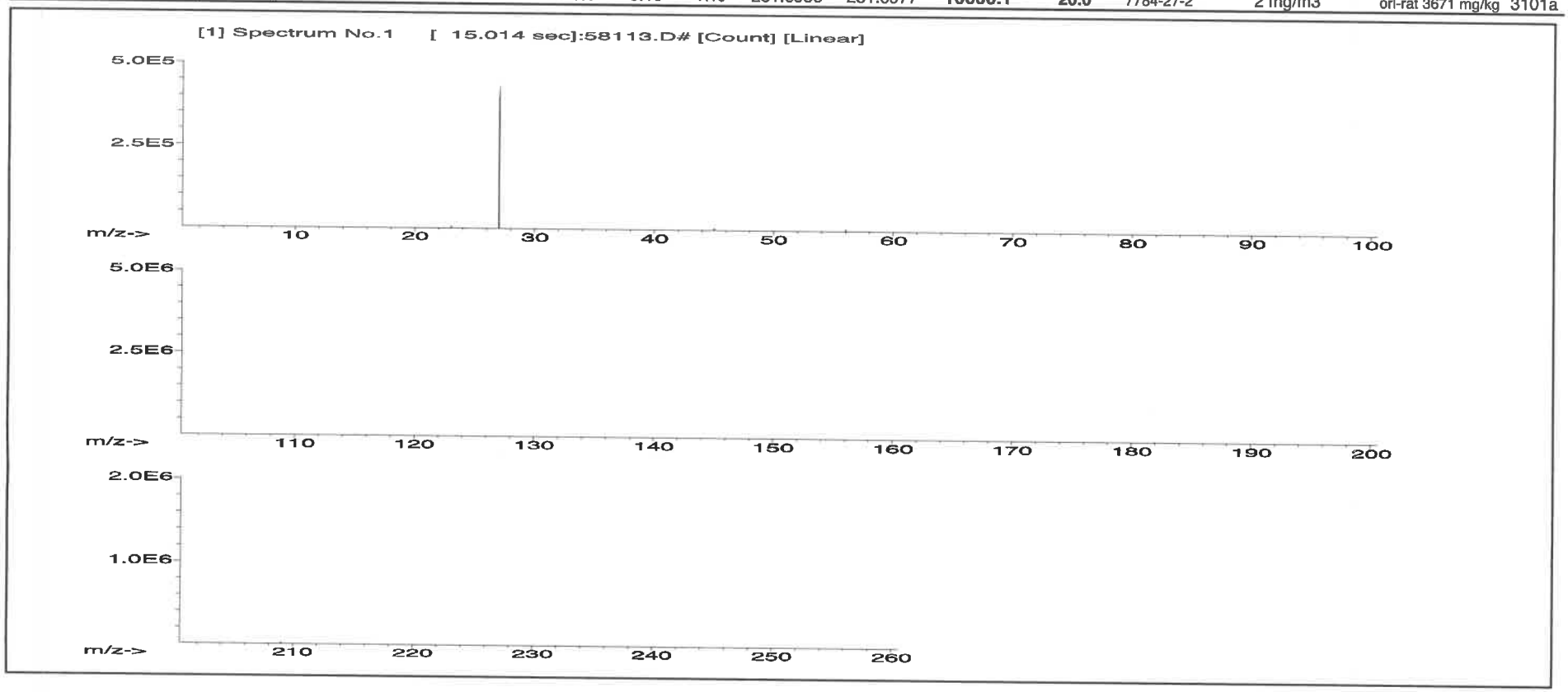
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https://Absolutestandards.com

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:

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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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Certificate of Analysis

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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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www.absolutestandards.com

R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

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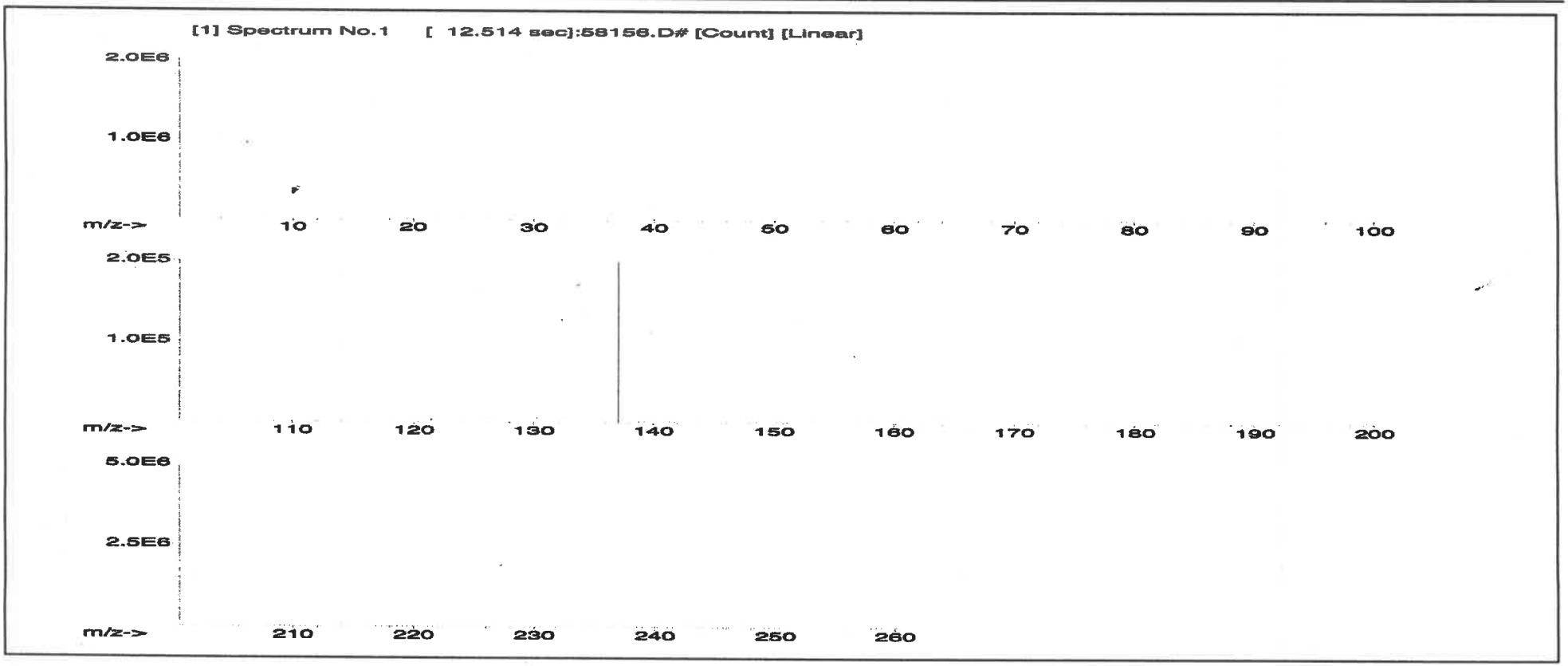
CERTIFIED WEIGHT REPORT:

		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)

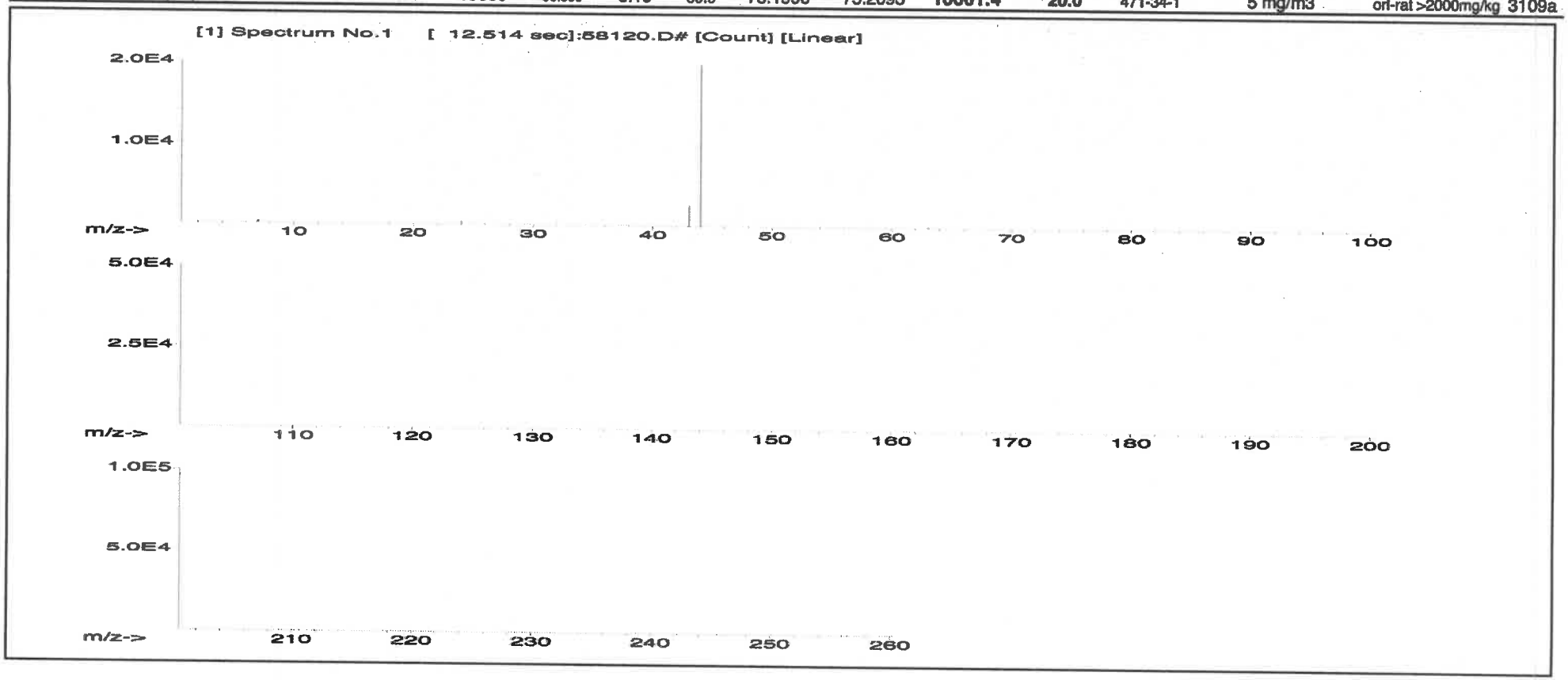
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

		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

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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

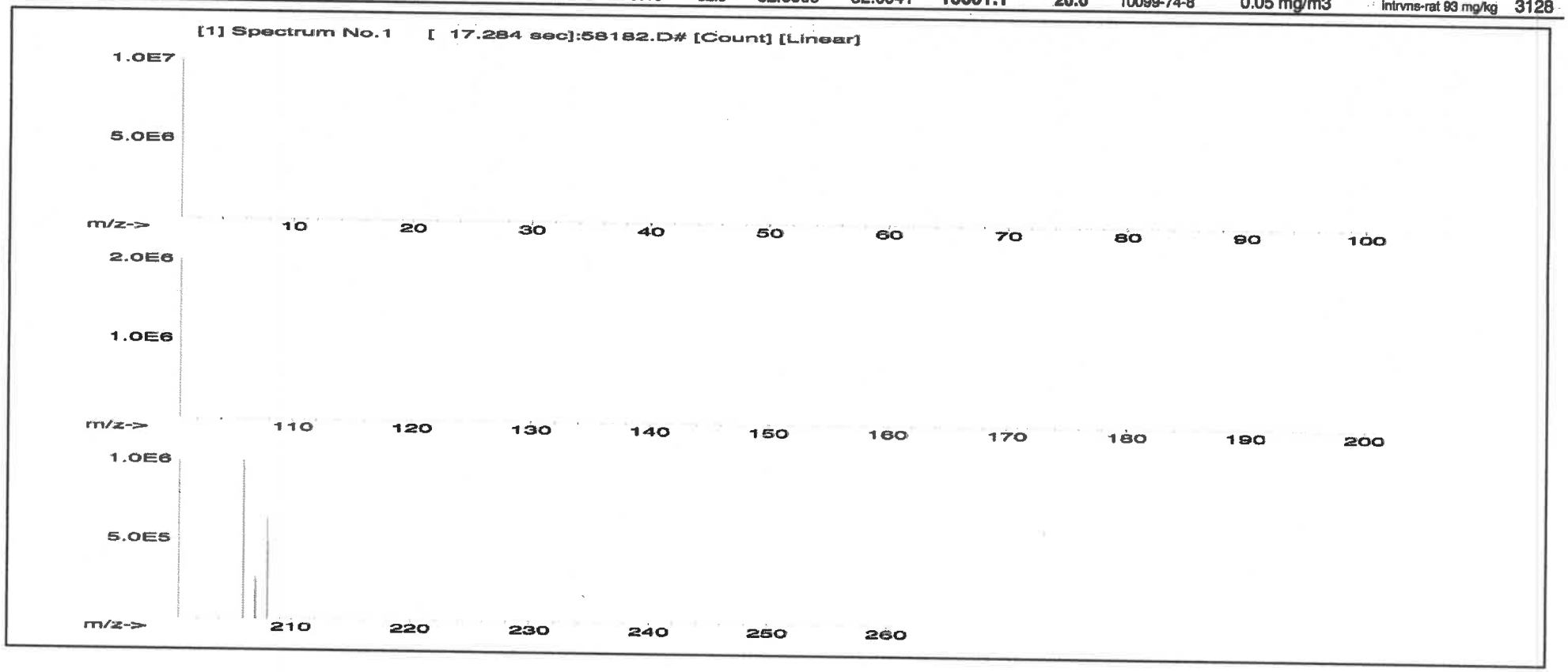
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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.
* All standard containers are meticulously cleaned prior to use.
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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 Reference Material CRM

M5514 - M5515 R: 03/17/22

ANAB ISO 17034 Accredited
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CERTIFIED WEIGHT REPORT:

Part Number: 58126
Lot Number: 092122
Description: Iron (Fe)

Expiration Date: 092125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 5000.1 ± 0.12 Flask Uncertainty

	Lot #		
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

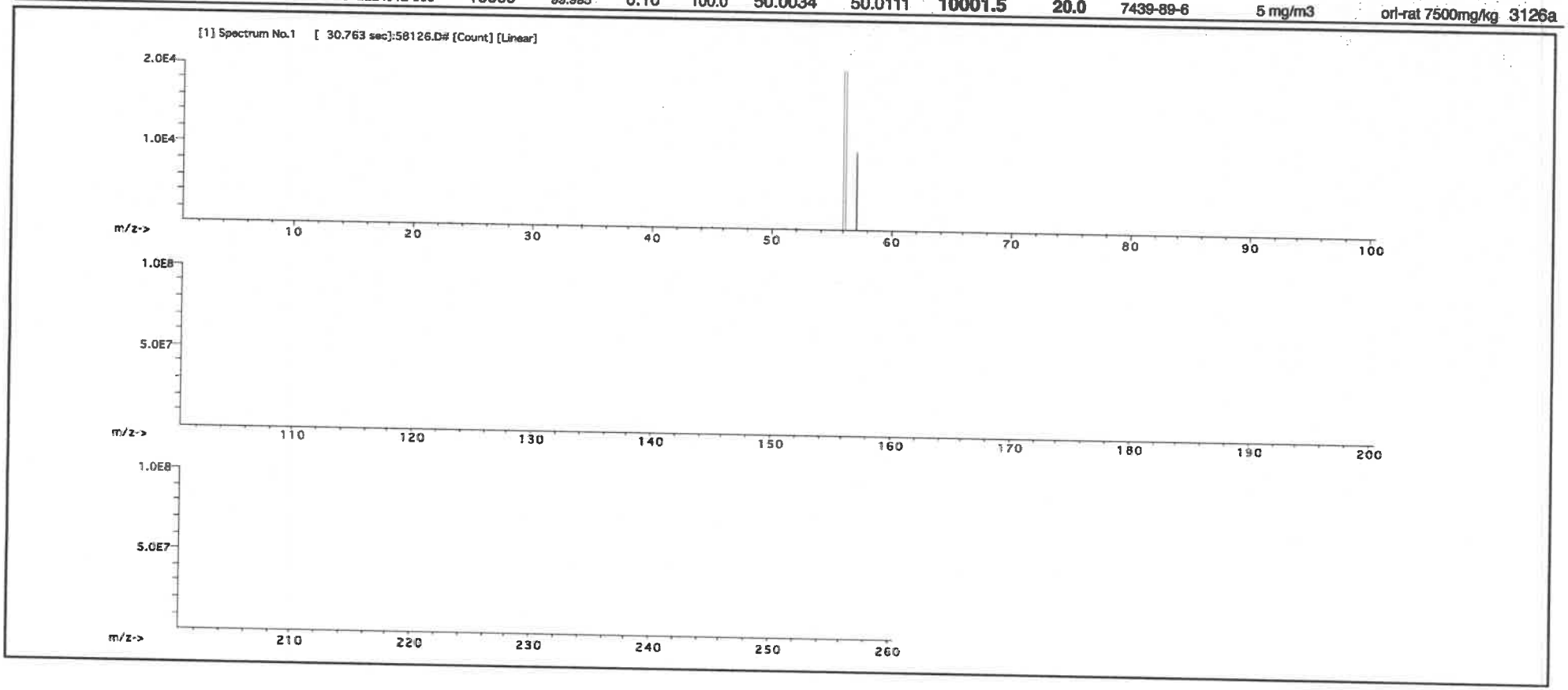
Giovanni Esposito

Formulated By: Giovanni Esposito 092122

Pedro Rentas

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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* 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

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

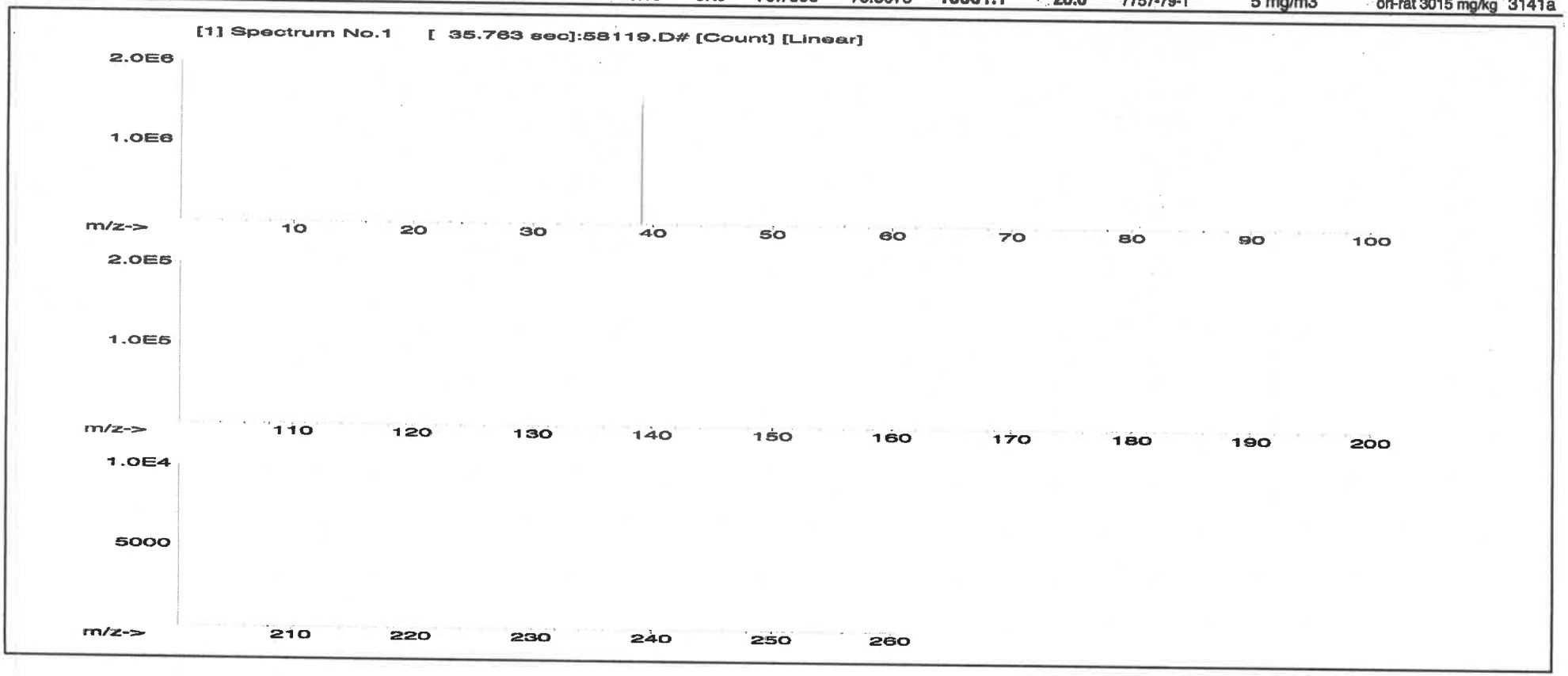
Lot #		
Solvent: 20510011		Nitric Acid
2%	60.0 (mL)	Nitric Acid

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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* 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.

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).

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



CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

CERTIFICATE OF ANALYSIS

Date: 8/3/2022 MS631 MS632 MS633 MS634 **Lot No 820803**

Hydrogen Peroxide, ACS
Reagent Grade

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	29-32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	.0001%
Titratable Acid	0.0006 meq/g	< .0006 meq/g
Chloride (Cl)	2 ppm	< 1 ppm
Nitrate (NO_3)	2 ppm	< 1 ppm
Phosphate	2 ppm	< 1 ppm
Sulfate (SO_4)	5 ppm	< .5 ppm
Ammonium (NH_4)	5 ppm	< 1 ppm
Heavy Metals (as Pb)	1 ppm	< .1 ppm
Iron (Fe)	0.5 ppm	< .1 ppm
Sodium Stannate	200 – 300 ppb	Pass

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

Date of MFG: 8/2022
Retest date: 8/2024

Gina M. Rambo
Office Manager

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

INORGANIC VENTURES
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Certificate of Analysis

300 Technology Drive
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M5657 A: 8/29/22

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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.

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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

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$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

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

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u_{ts} = transport stability standard uncertainty

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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.

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- 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



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5658 R ! 8/25/23

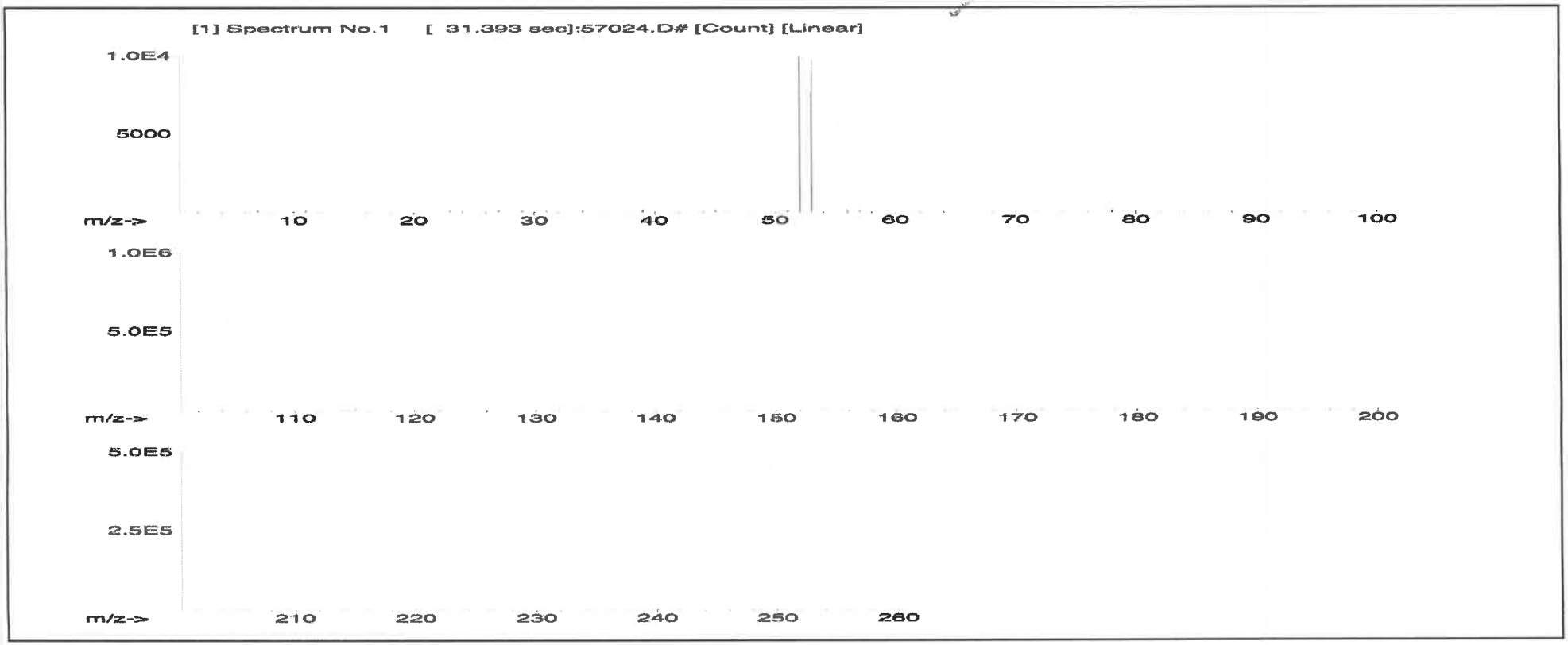
ANAB ISO 17034 Accredited
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CERTIFIED WEIGHT REPORT:

		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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800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5697 R: 10/27/23

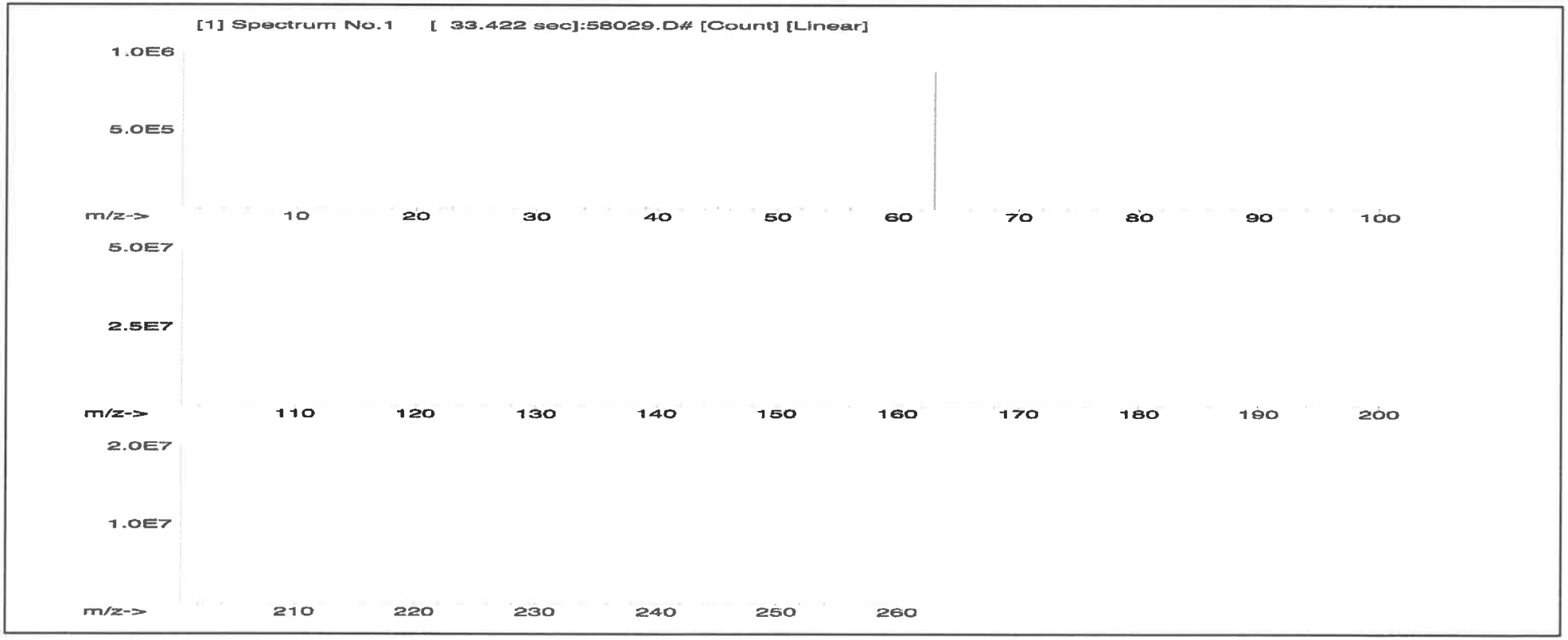
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Copper (Cu)**			
		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. Copper(II) nitrate trihydrate (Cu)	58129	100223	0.1000	200.0	0.084	1000	10000.1	**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:

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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M5648 R: 10/27/23

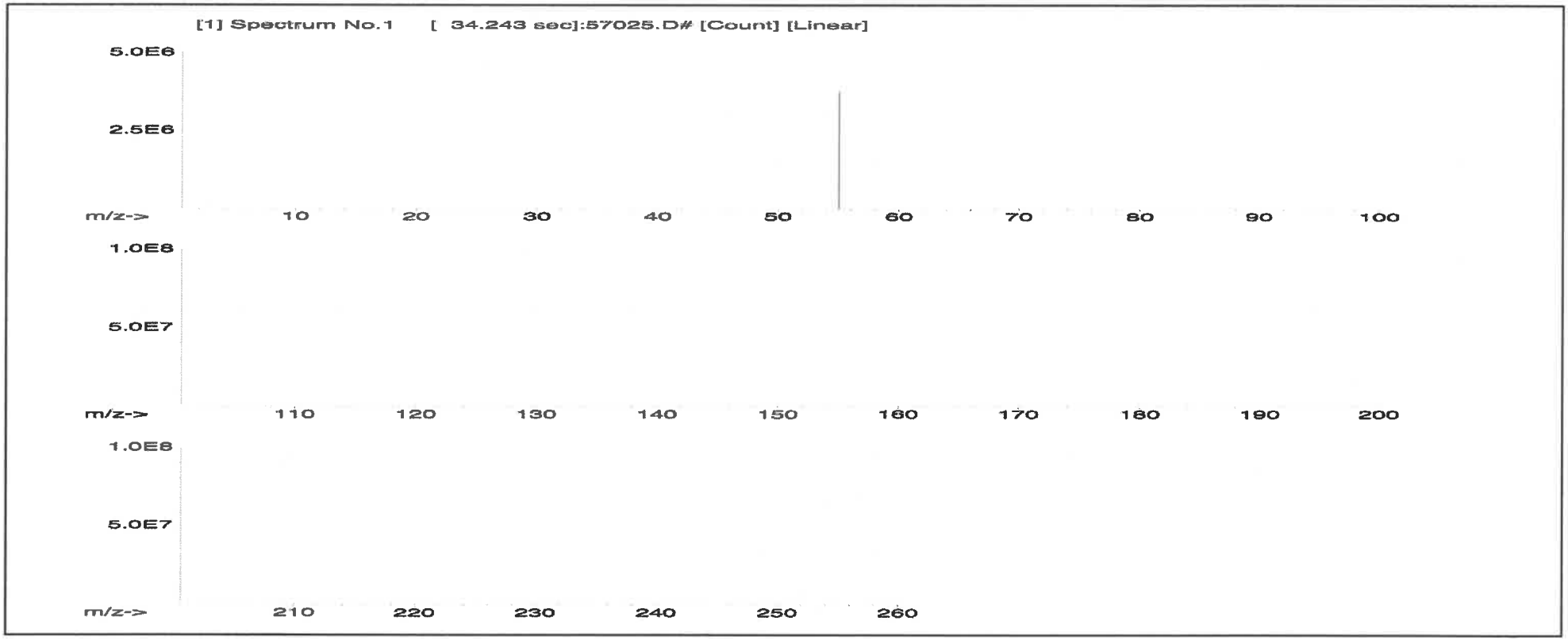
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CERTIFIED WEIGHT REPORT:

		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).
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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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M5768 M5769 (BP) R:1/3/24

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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

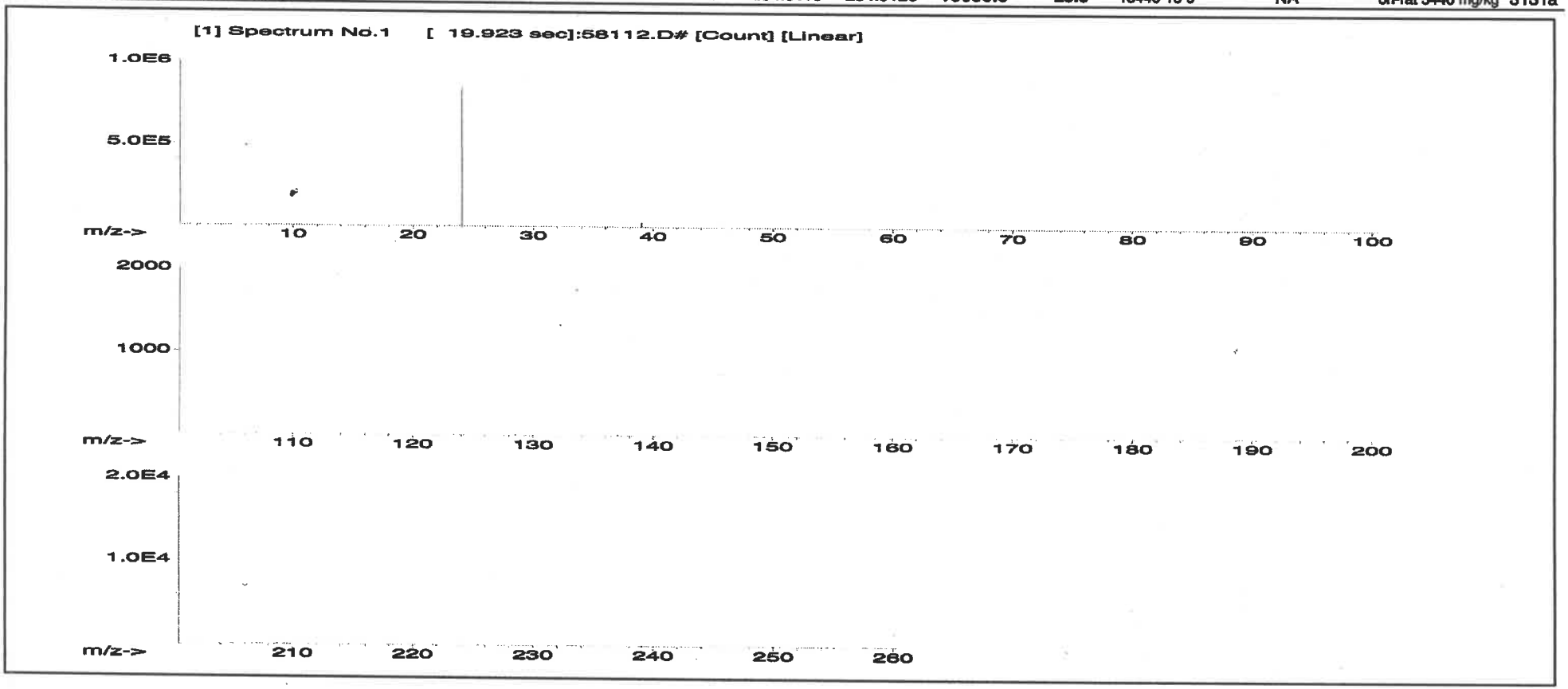
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	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.
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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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M5768 M5769 (BP) R:1/3/24

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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

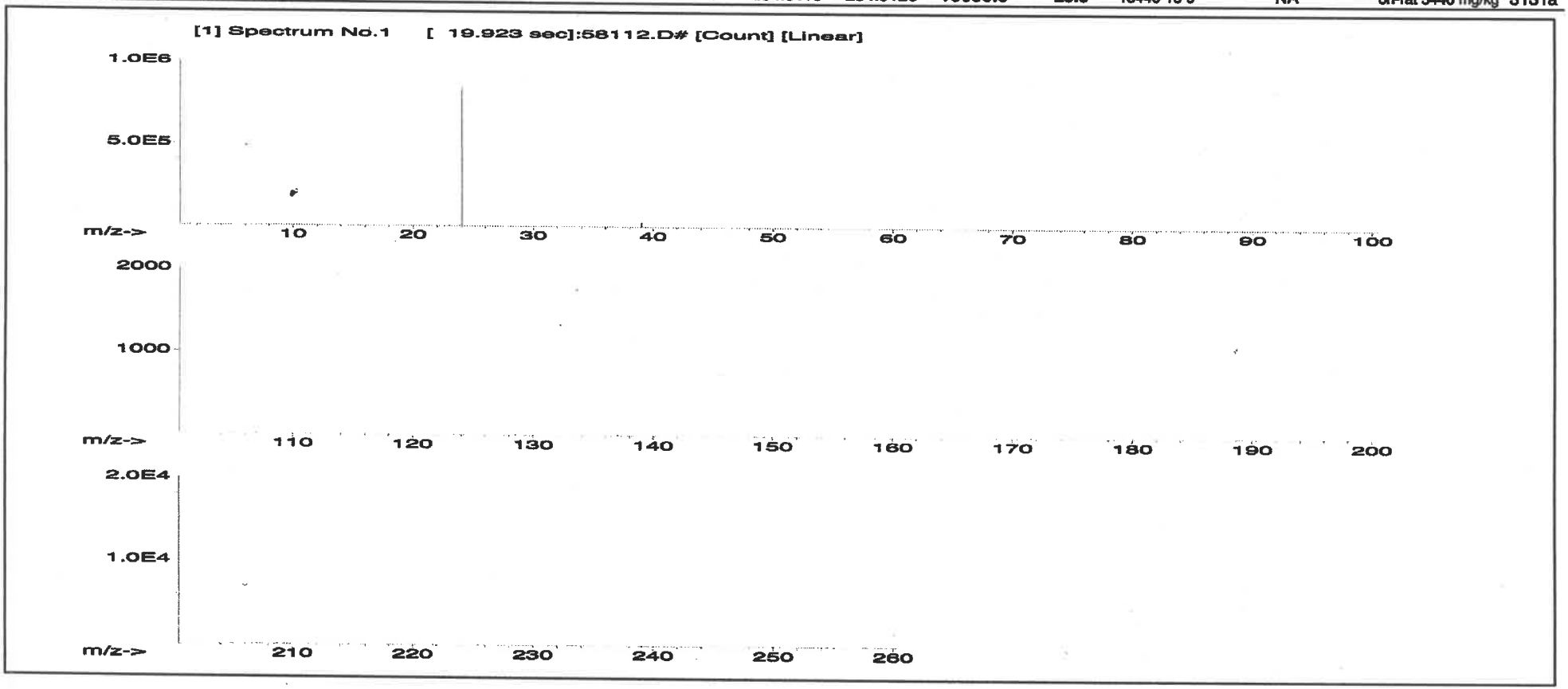
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	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:

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R: 02/09/24 M5798

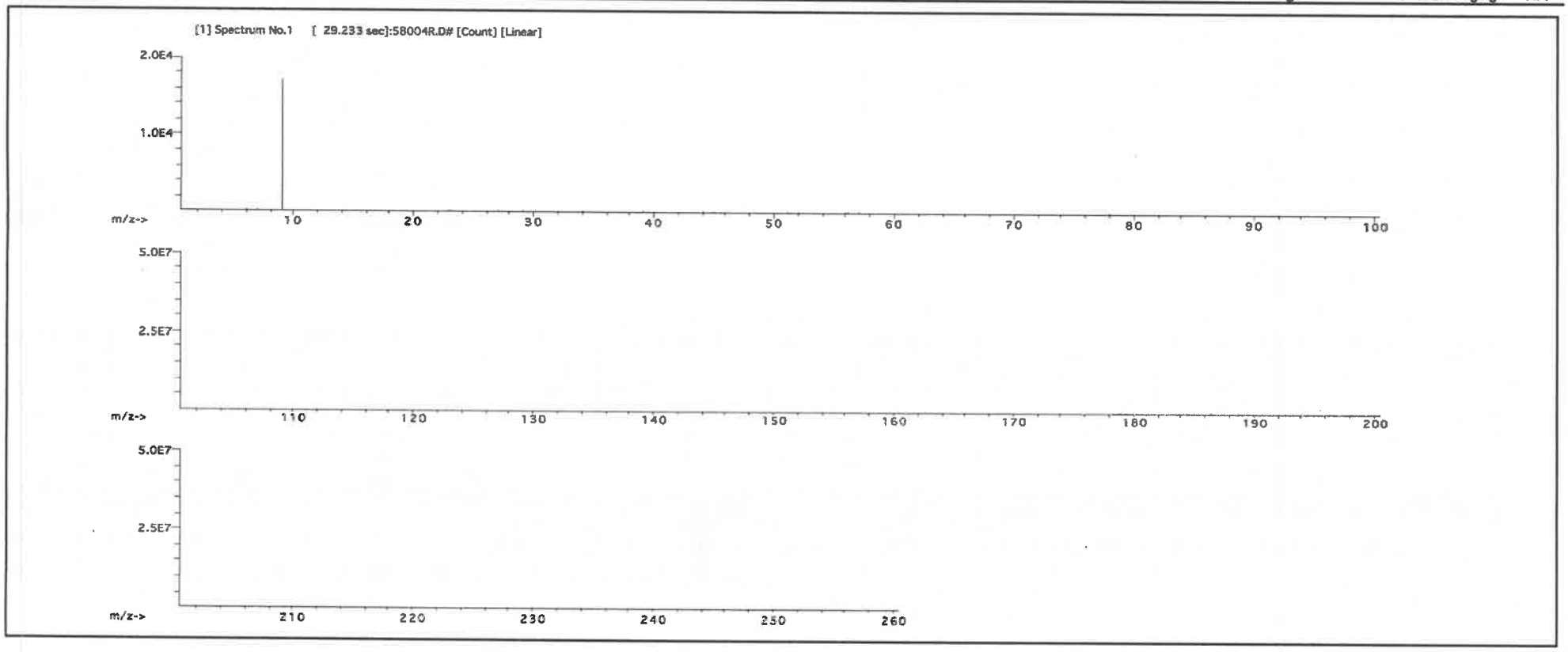
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CERTIFIED WEIGHT REPORT:

		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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R? 02/09/24 IV15799

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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

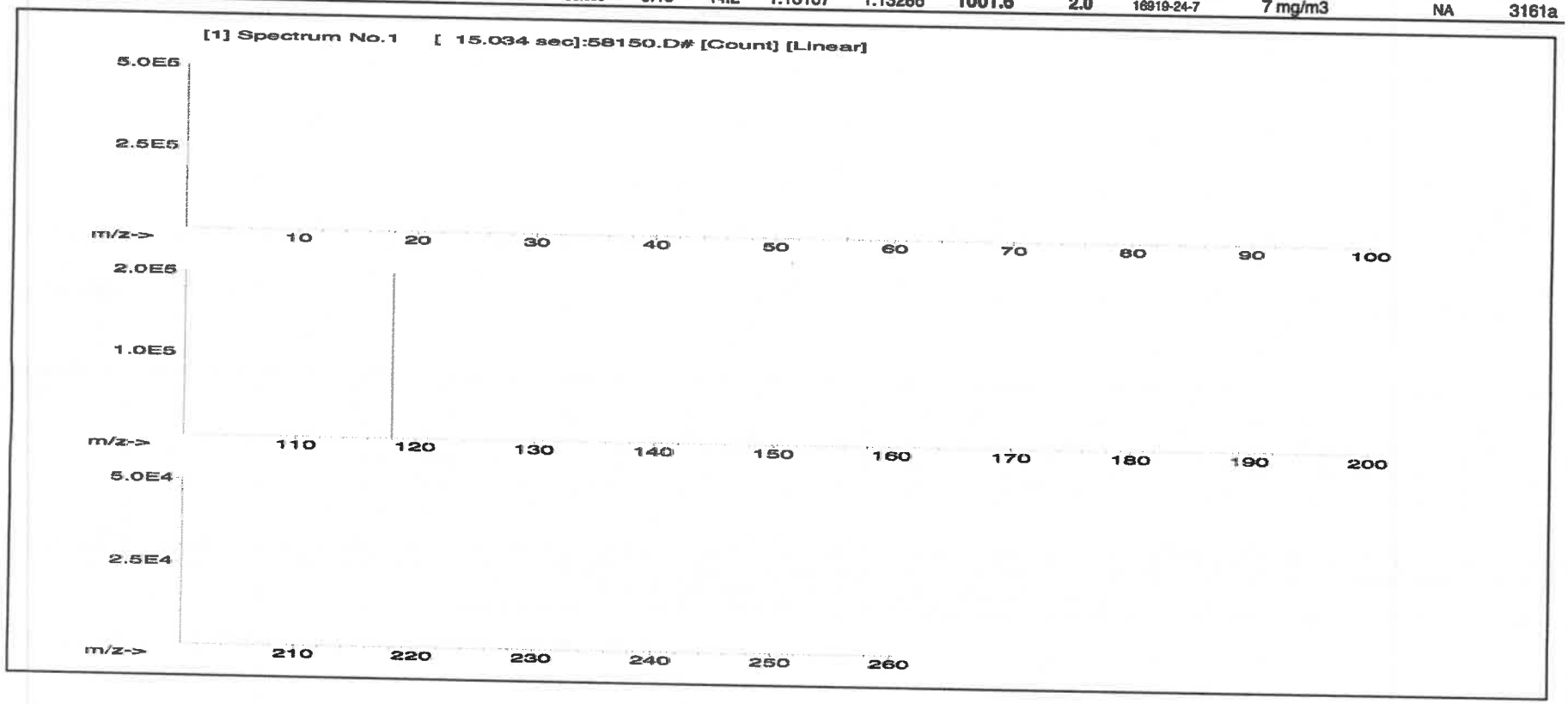
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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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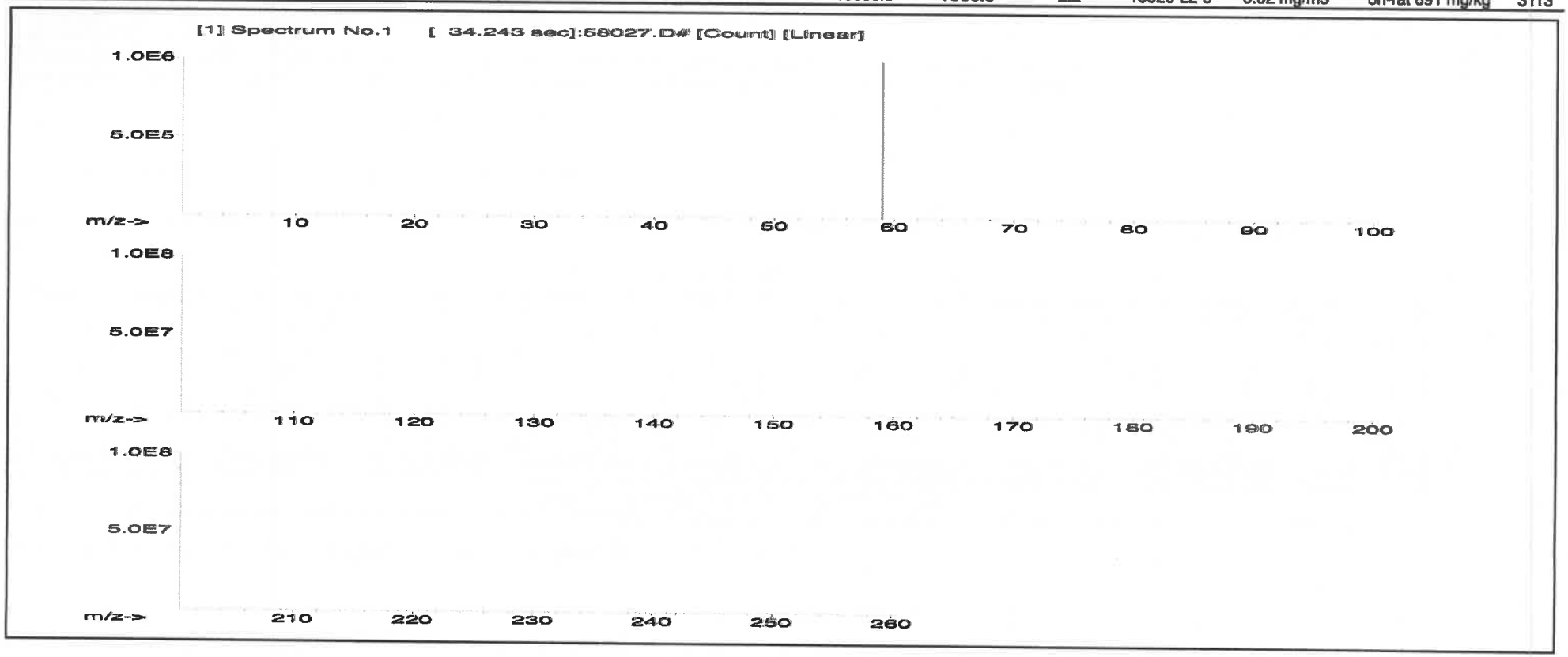
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CERTIFIED WEIGHT REPORT:

		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.

* 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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* 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: 02/09/24 IM5801 BH

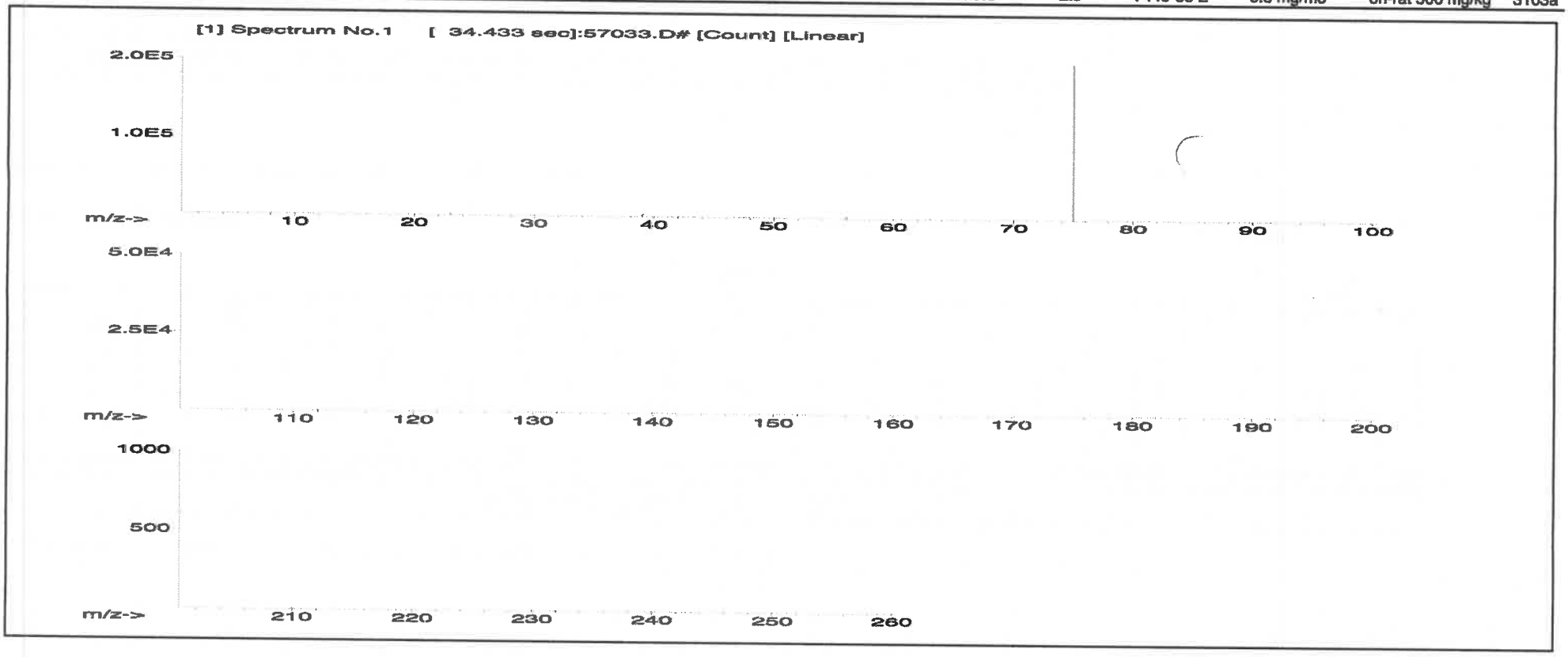
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CERTIFIED **WEIGHT** REPORT:

		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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* 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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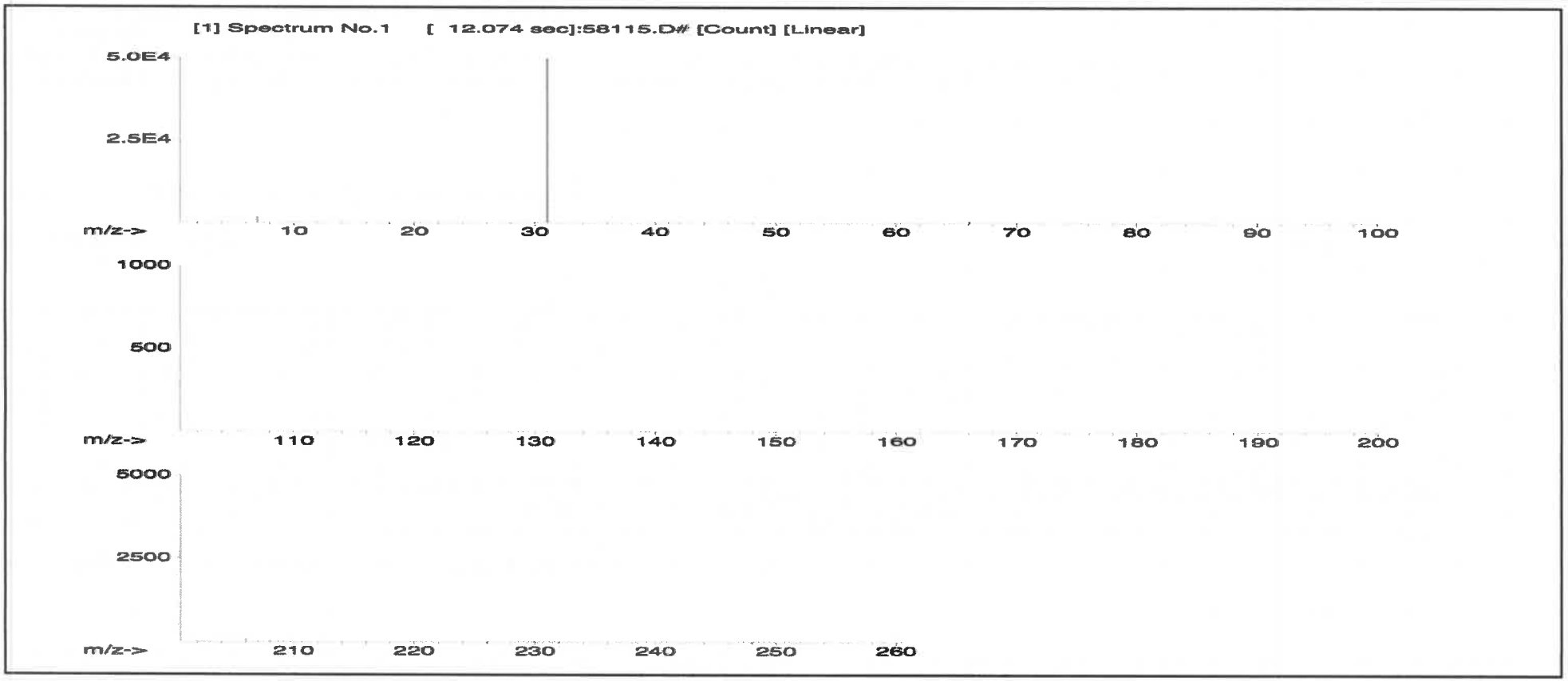
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CERTIFIED WEIGHT REPORT:

			Lot #	
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.

* 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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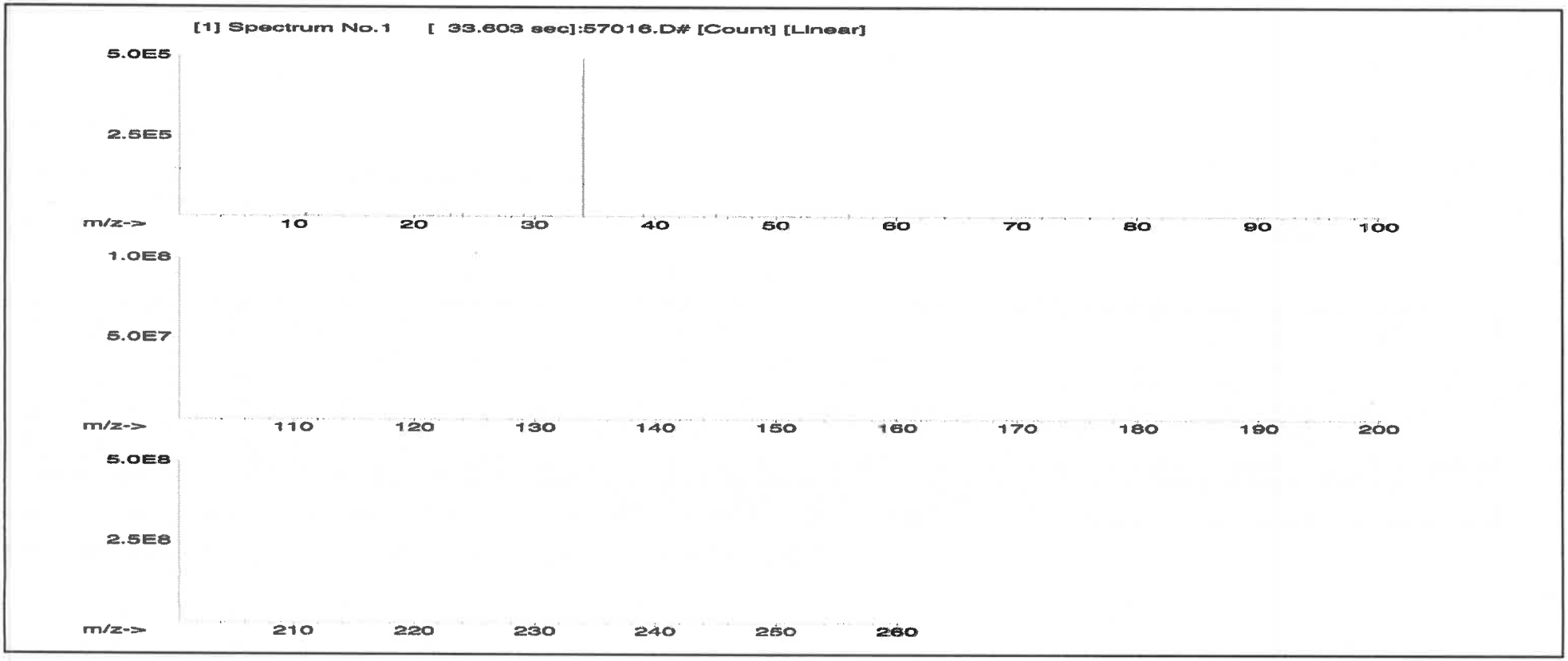
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CERTIFIED WEIGHT REPORT:

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.
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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:

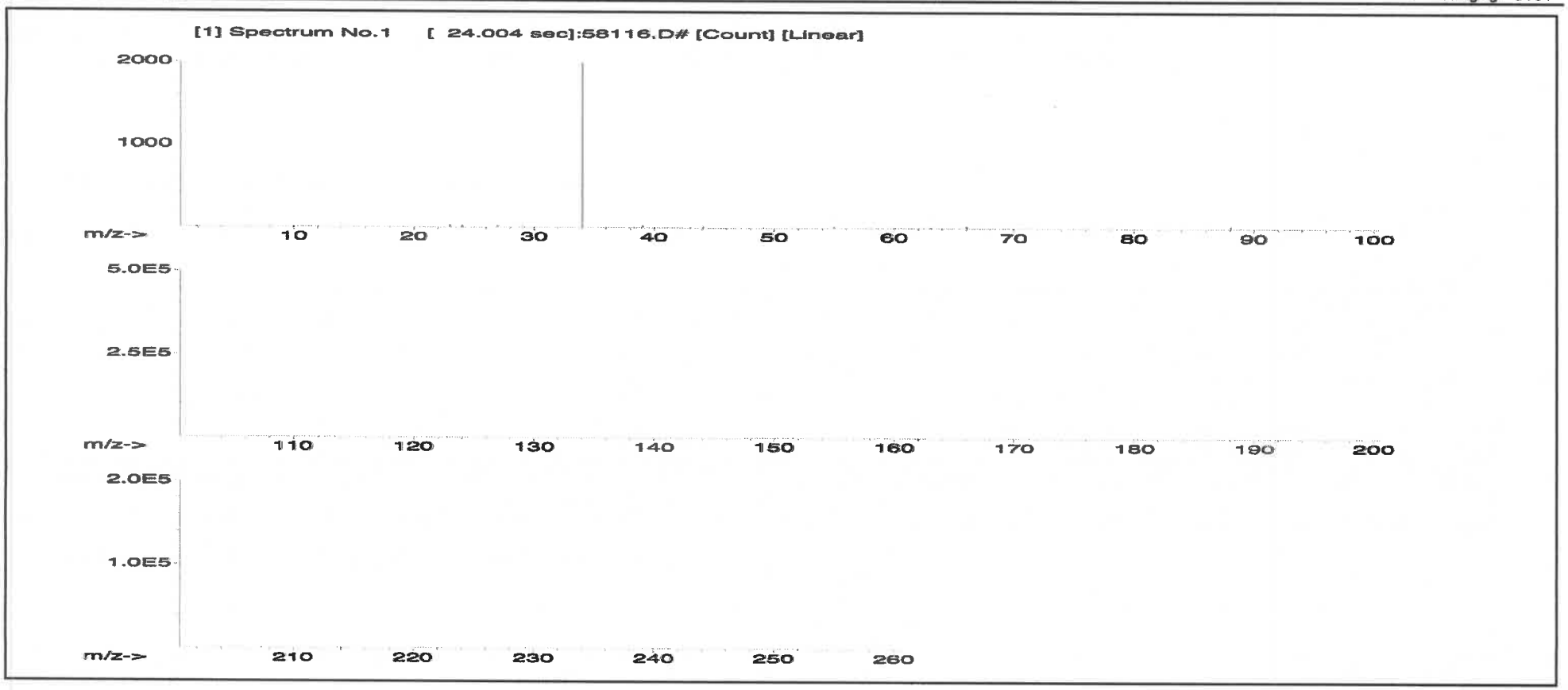
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

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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R: 02/09/24 M.5818

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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

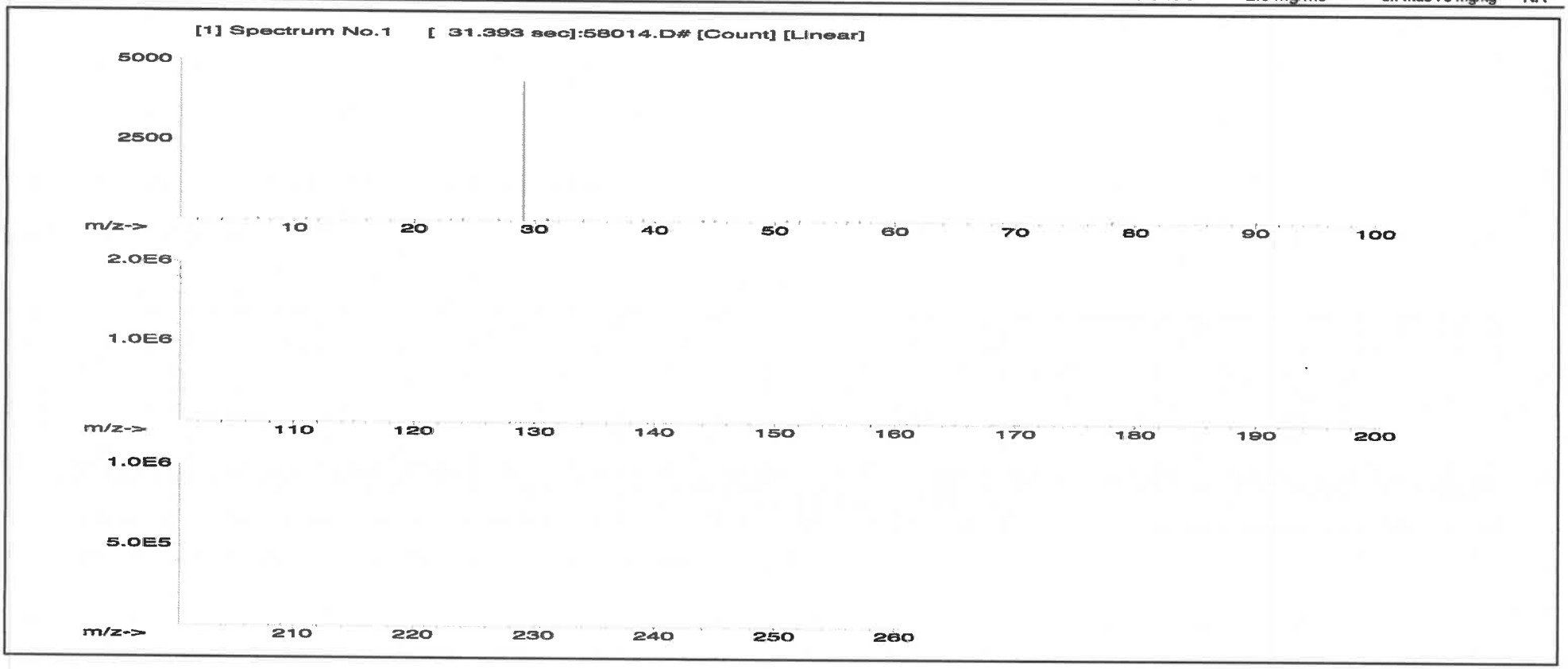
Aleah O'Brady

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:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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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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R: 02/09/24 M5819

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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

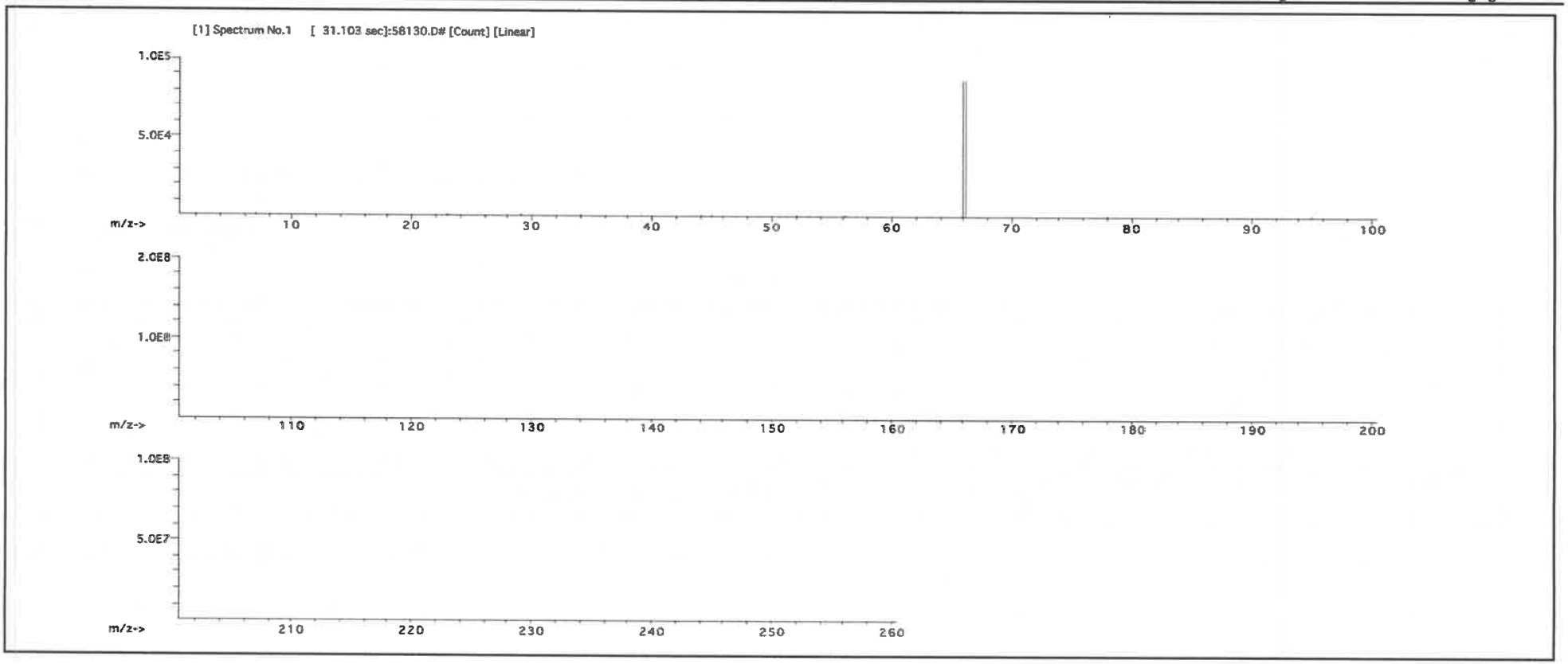
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		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:

* 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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* 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: 02/09/24 M5820

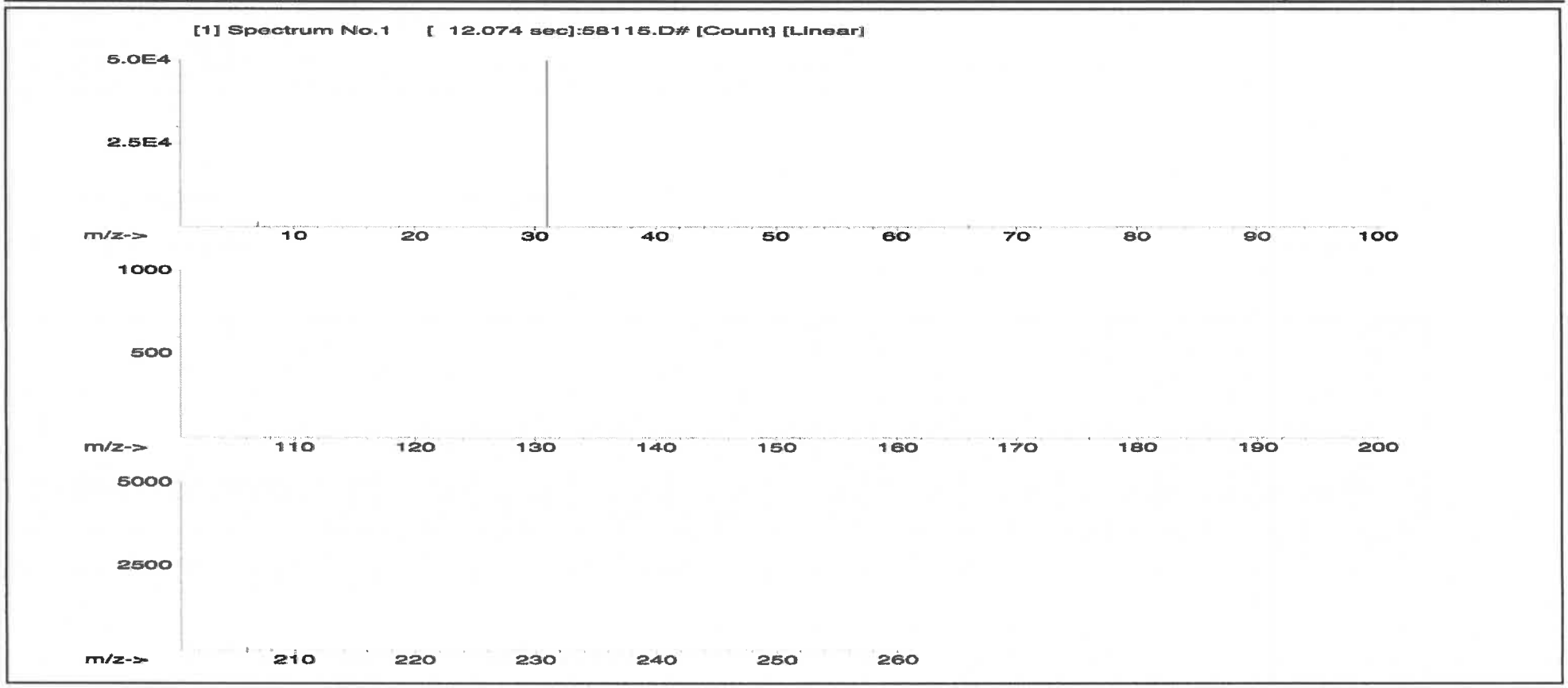
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CERTIFIED WEIGHT REPORT:

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.

* 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 Reference Material CRM

M5961 R: 6/11/24

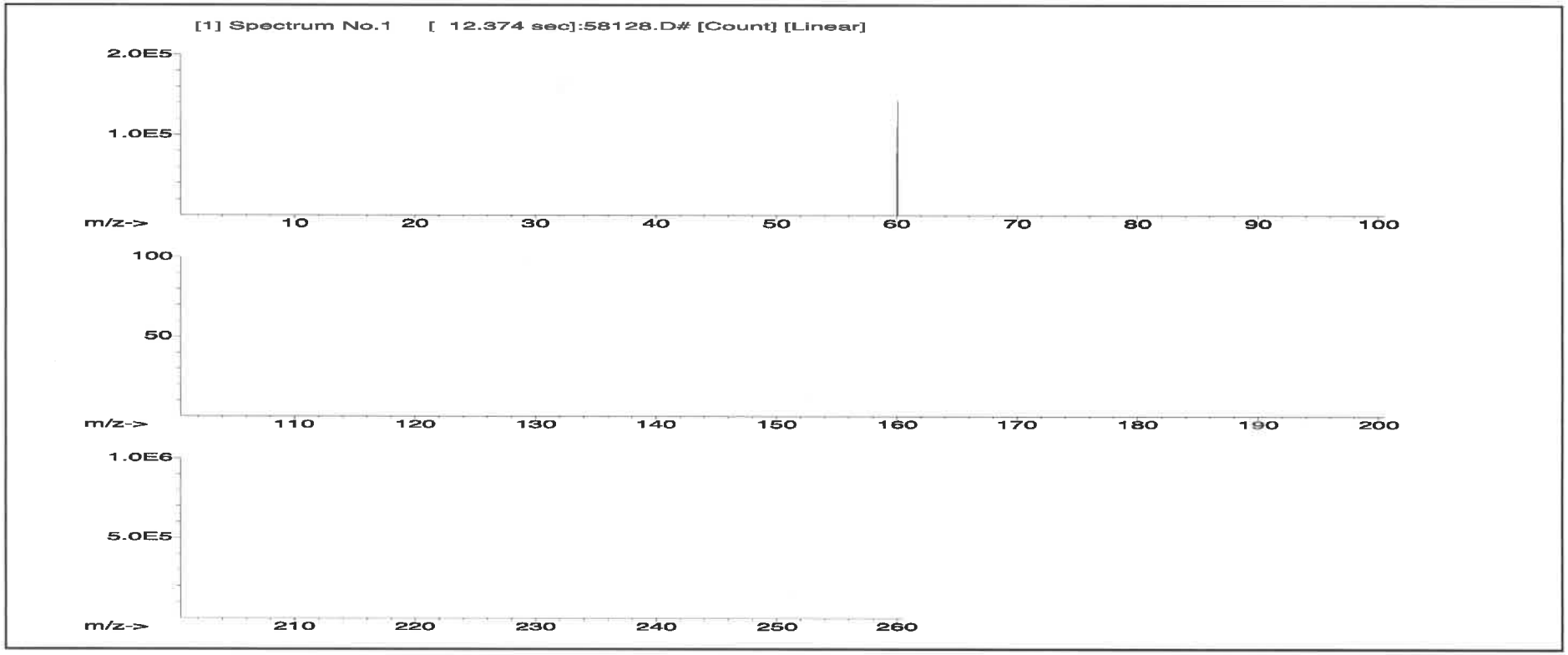
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CERTIFIED WEIGHT REPORT:

			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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Certified Reference Material CRM

M5962 R! 06/14/24.

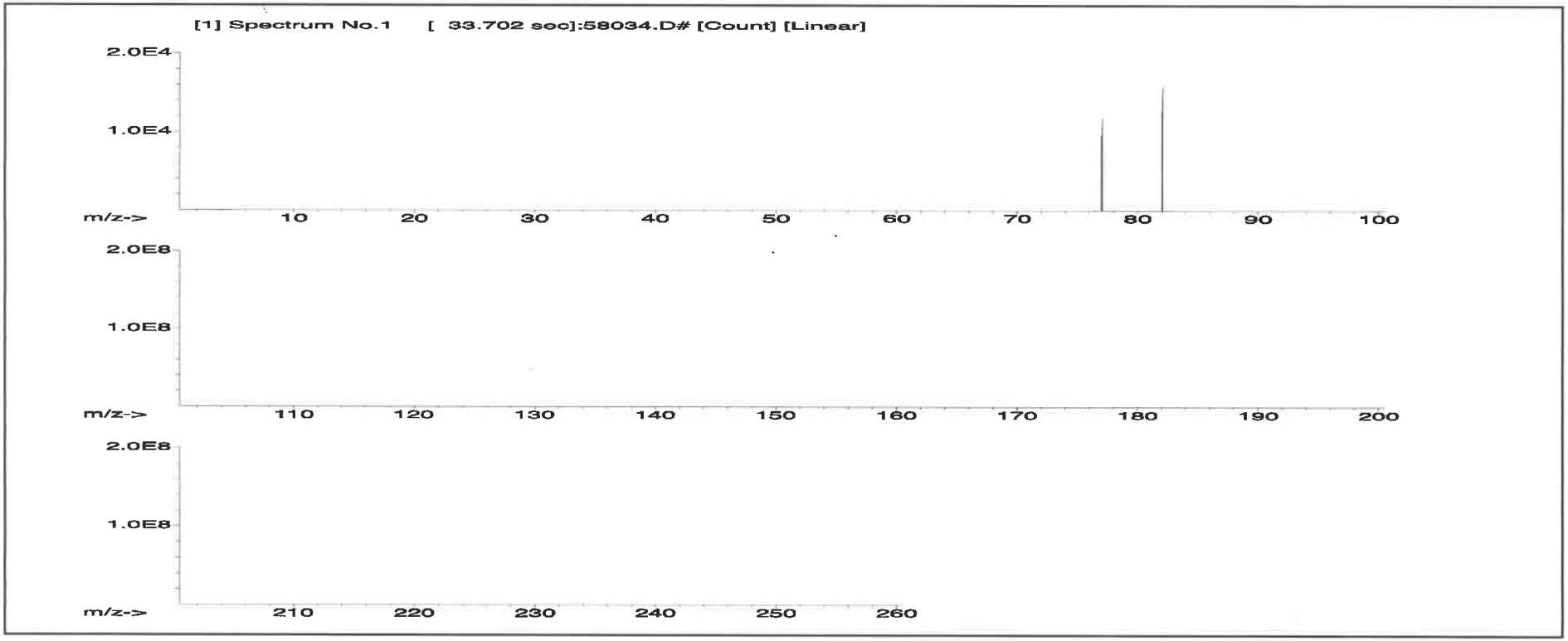
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CERTIFIED WEIGHT REPORT:

		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:



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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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Certificate of Analysis

M5976, M5977
R: 02/22/24

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:	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

INORGANIC VENTURES
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Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

R: 2/22/24

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:	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.
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www.absolutestandards.com

Certified Reference Material CRM

H5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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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	

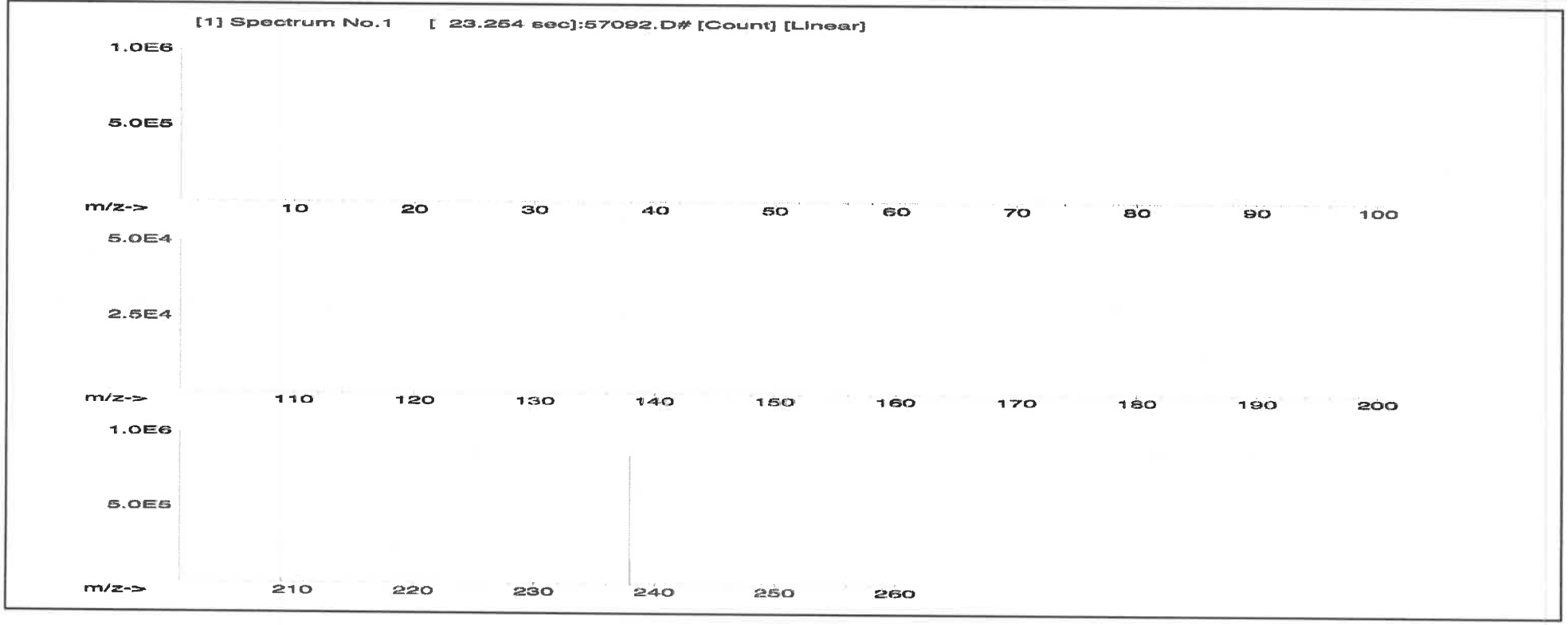
Giovanni Esposito

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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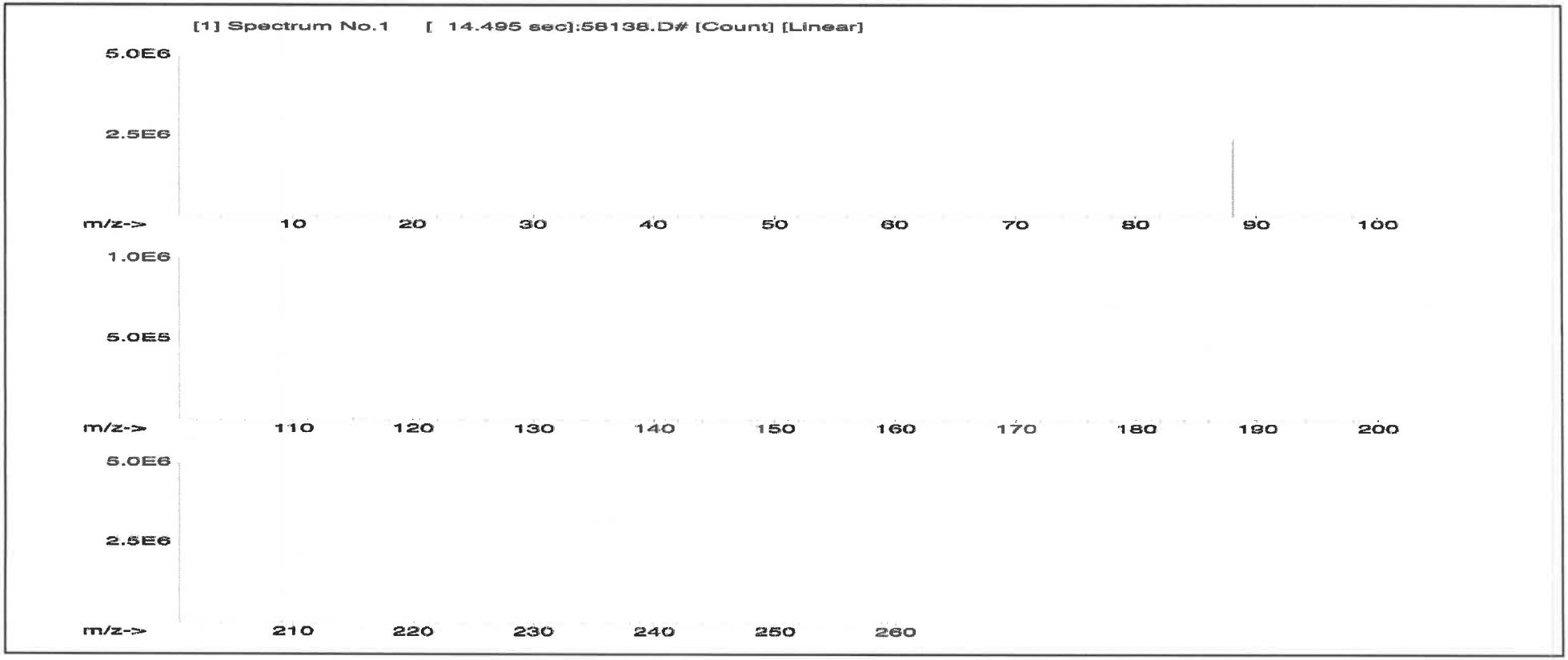
45982 R: 6/11/24

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

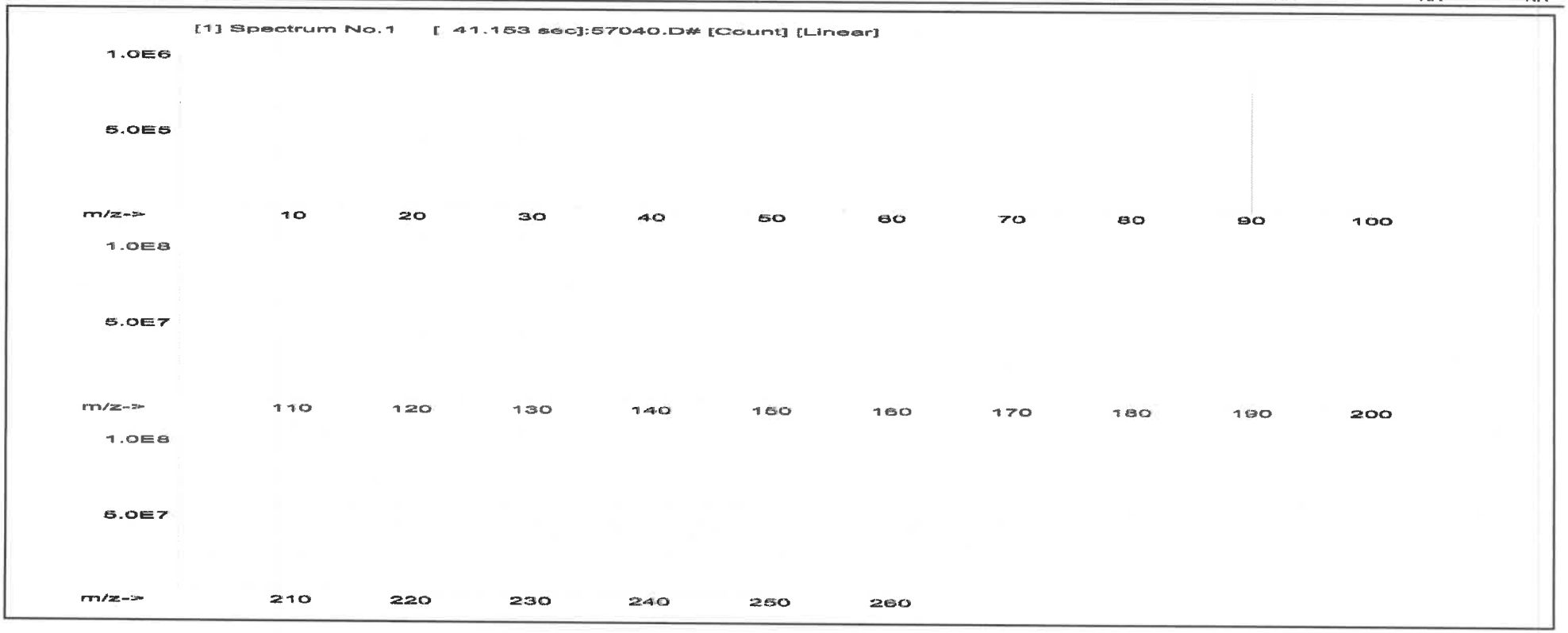
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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.

* 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).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

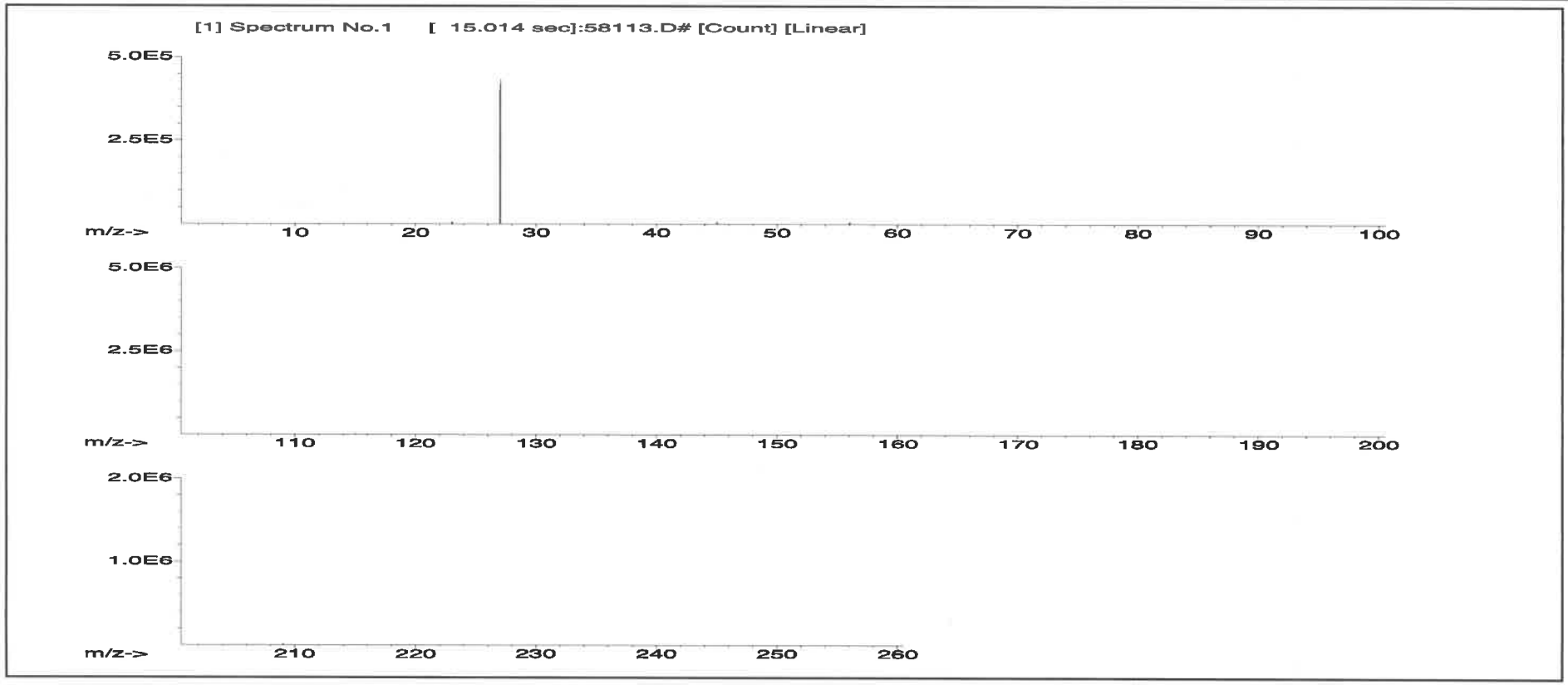
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
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



Nitric Acid 69%
CMOS

Recv date: 1. 1. – 08/01/2023

M6034, M6037
M6035, M6038,
M6036,

avantor™ | J.T.Baker®

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
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 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	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

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

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

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

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

R 8/19/24, M60055

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:	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



Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

R: 9/10/24

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

M6088, M6089, M6090, M6091, M6092, M6093

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
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 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	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

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

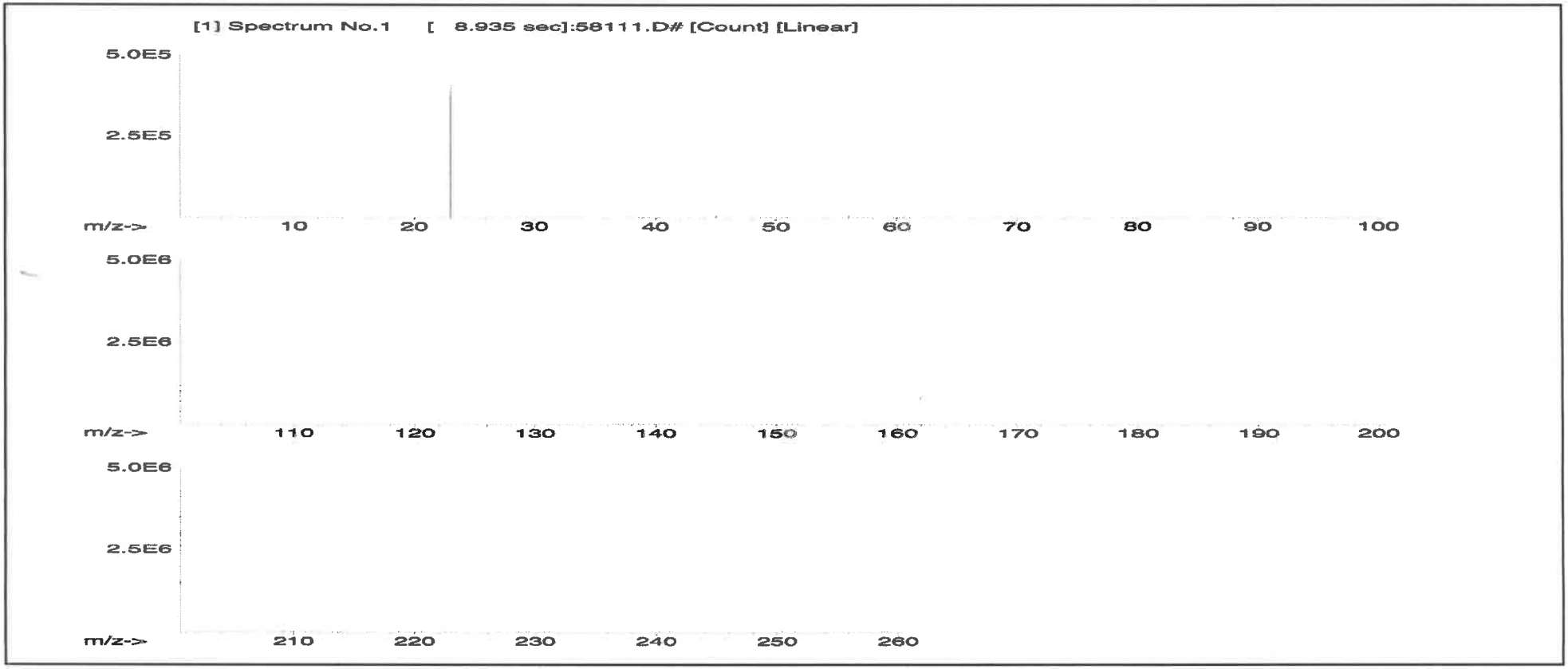
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

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
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2700 Chandler Avenue - Building C
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(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.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

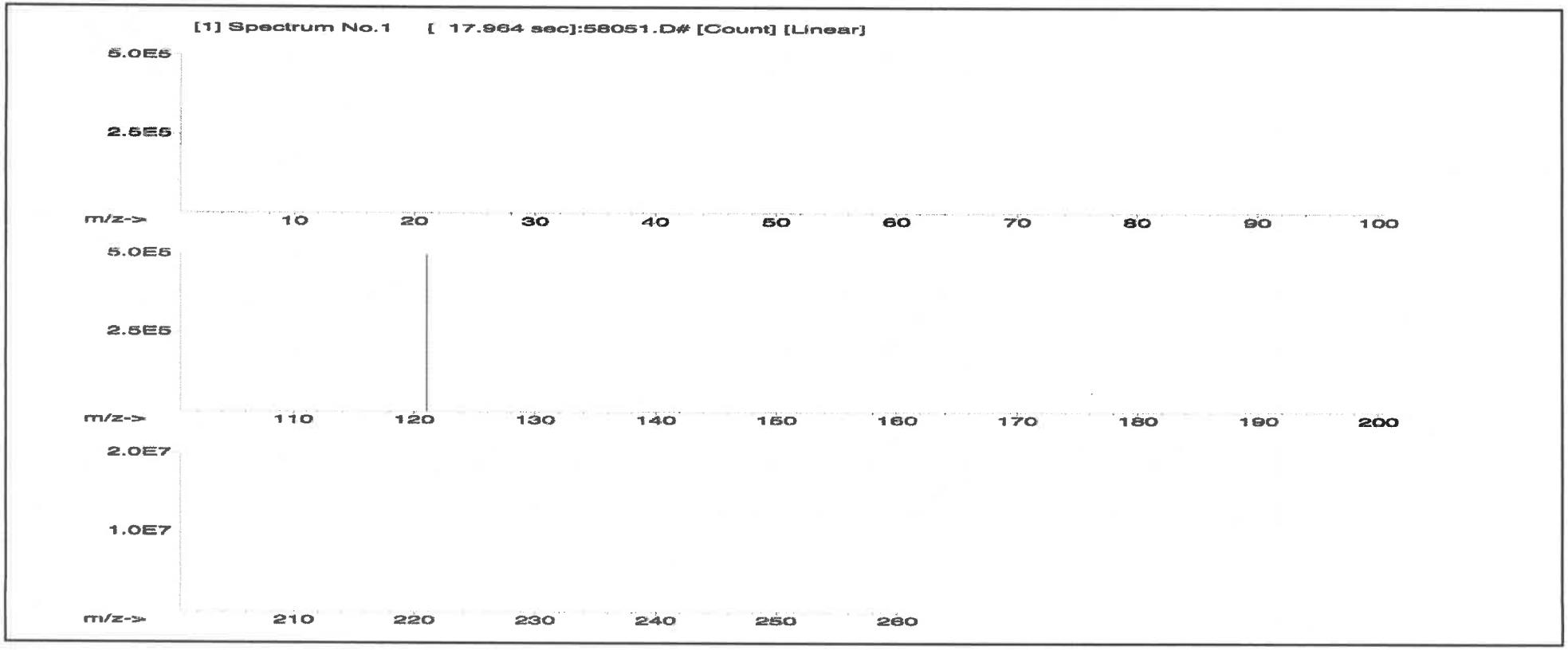
R: 01/03/24 M5802, M5803

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:

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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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M6030

R: 8/5/24

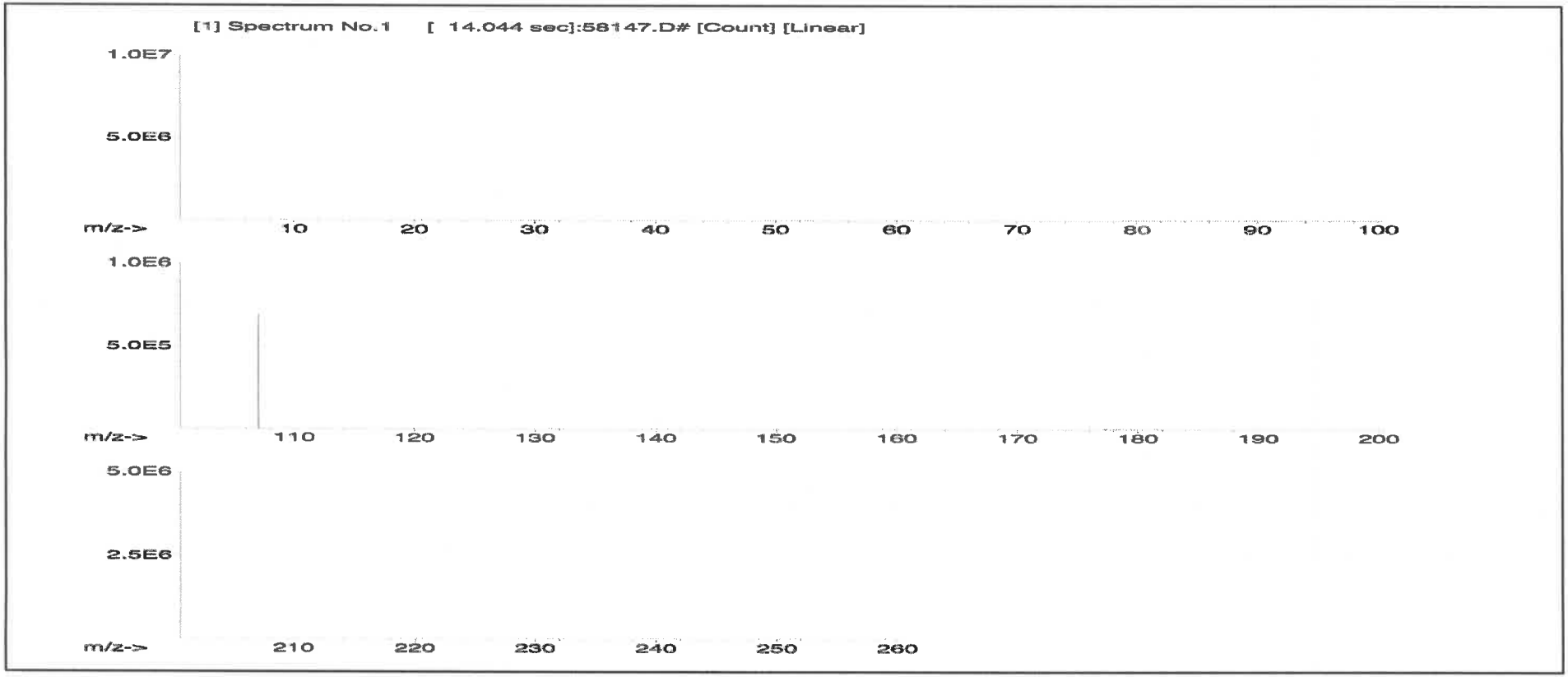
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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

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:

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R: 03/16/23 M5473, M5474, M5475, M5476

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CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

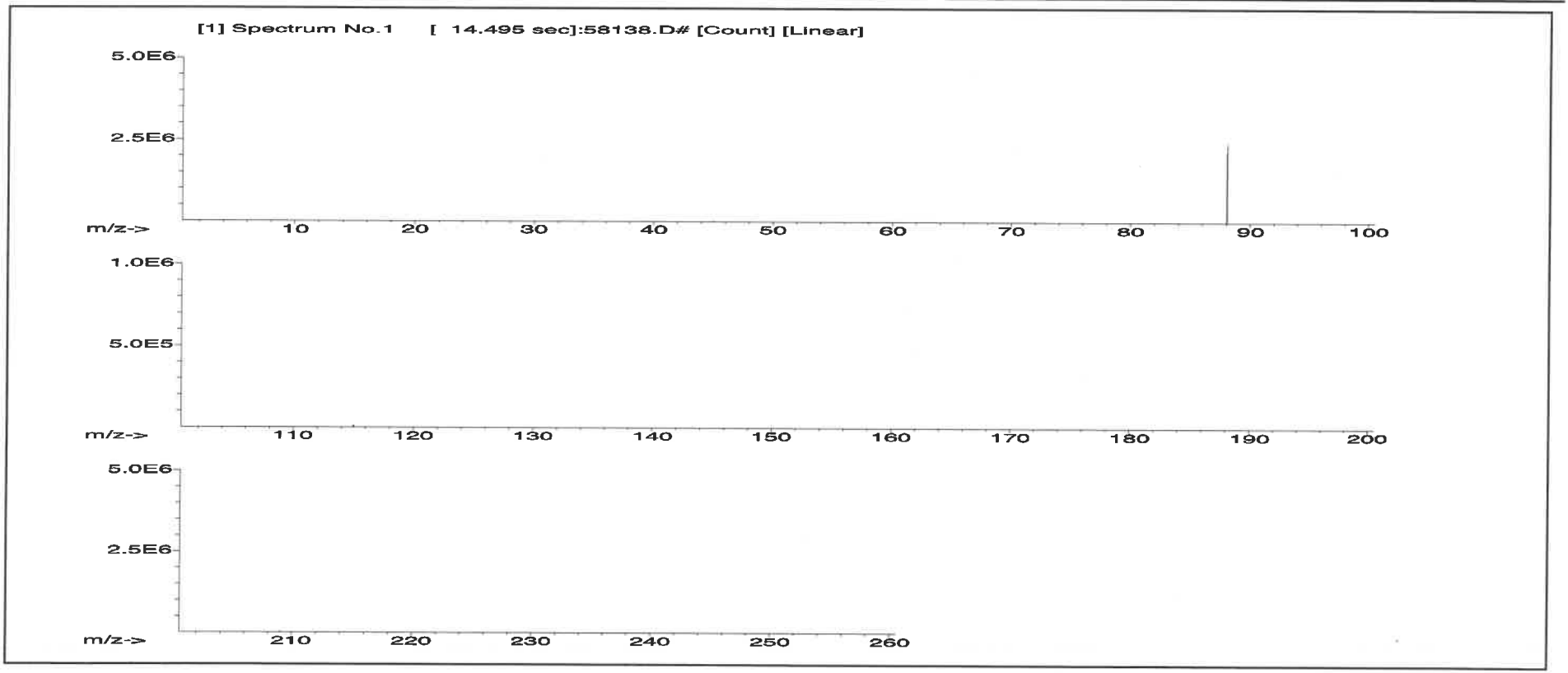
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	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.

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R: 03/16/23 M5473, M5474, M5475, M5476

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CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

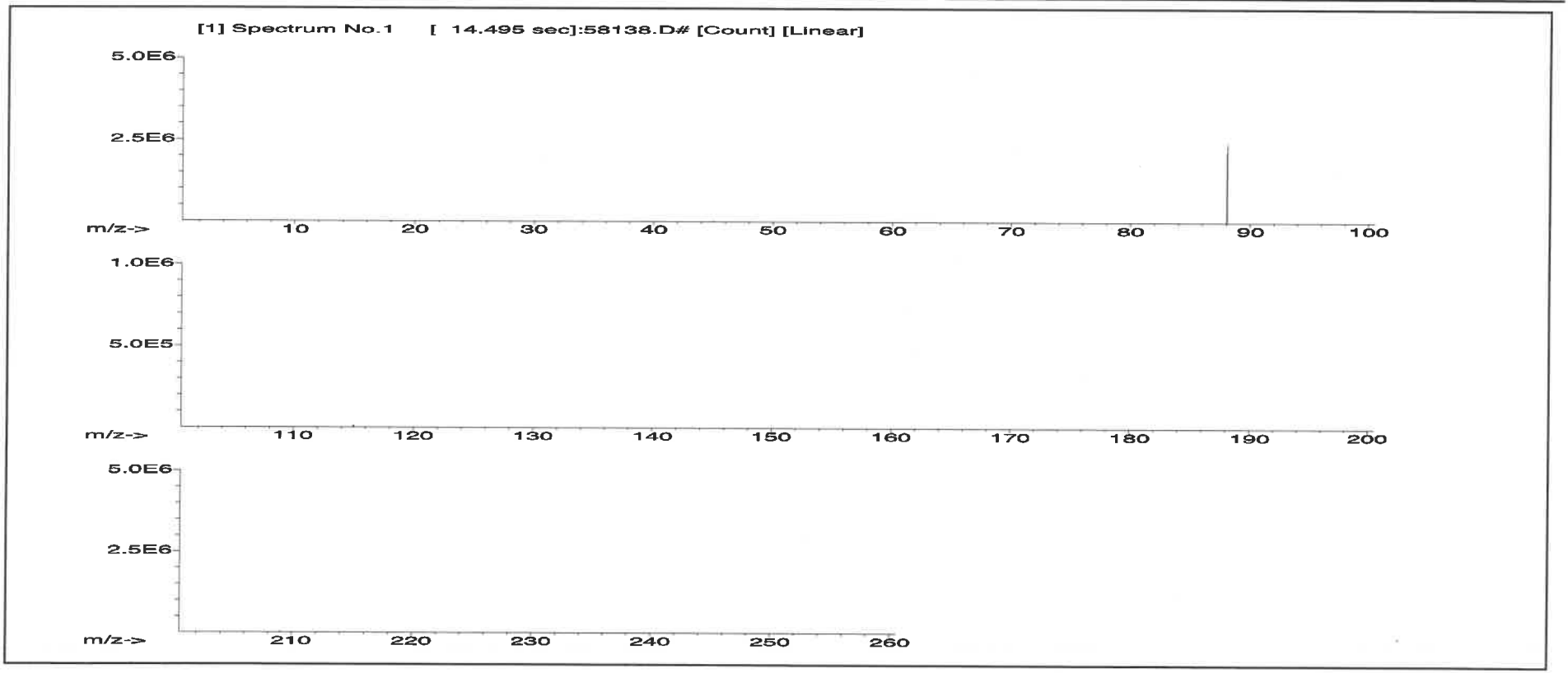
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	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.

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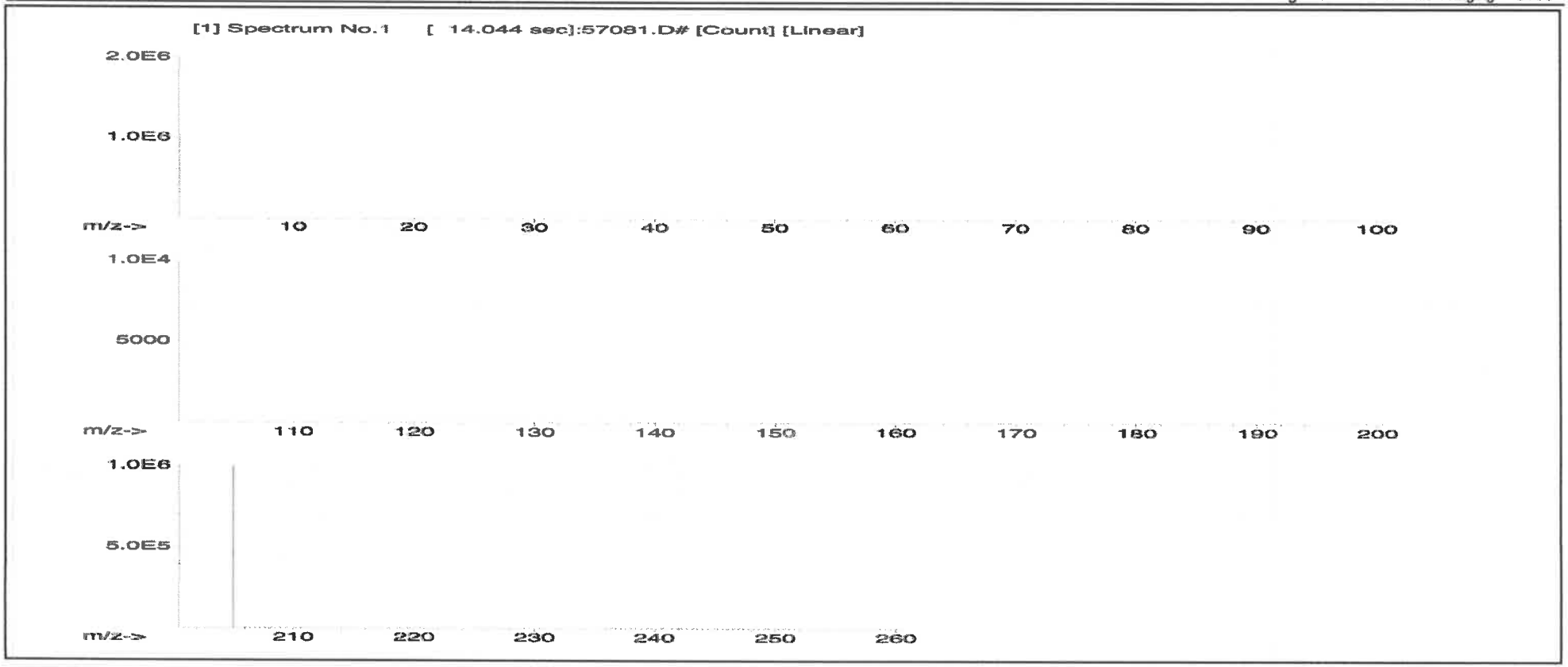
CERTIFIED WEIGHT REPORT:

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:

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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	

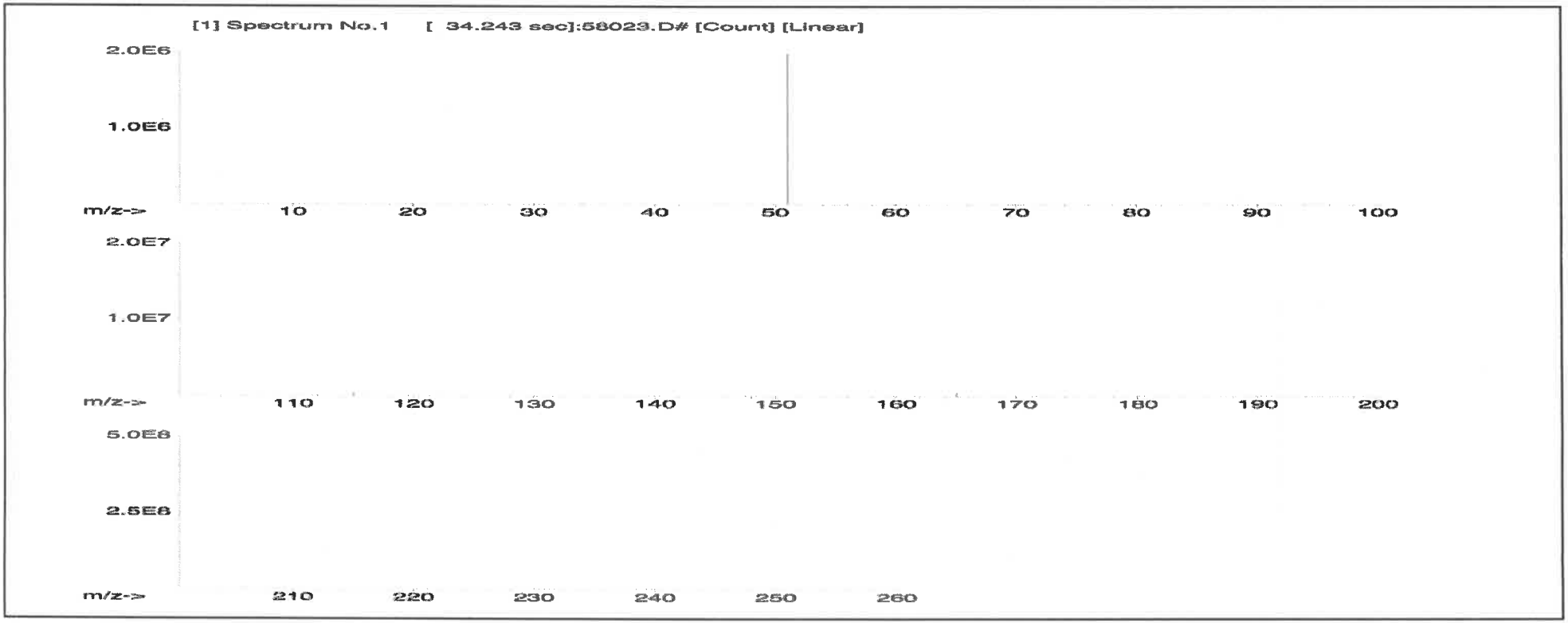
Aleah O'Brady

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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Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164187

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYDAN1

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 #2 2. N/A

Start Digest Date: 10/16/2024 **Time :** 14:20 **Temp :** 97 °C

End Digest Date: 10/16/2024 **Time :** 17:20 **Temp :** 97 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: jspp

Supervisor Signature:

Temp : 1. 97°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00mL	MP82583
LCSSD	0.50ml	MP82583
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	10.00ml	MP81119
1:1 HCL	5.00ml	MP82127
CONC: HNO3	5.00ml	M6088
30% H2O2	3.00ml	M5634
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 #2 CELL #34 : 97 C
For Spike Sol 1-0.3ml each M5565,M5657,0.027mL M5962
For Spike Sol 2-1.5mL each M5565,M5657,0.135mL M5962

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/16/24 17:30	jspp / Met dig	[illegible]
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164187

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4308-01	MYDAN1	N/A	1.08	500	Brown	Yellow	Medium	N/A	N/A	1
P4308-01MS	MYDAN1MS RE JSP 10/16/24	N/A	1.21	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	2
~~P4308-01MSD~~	~~MYDAN1MSD~~ JSP 10/16/24	~~N/A~~	~~N/A~~	~~50~~	~~Brown~~	~~Yellow~~	~~Medium~~	~~N/A~~	~~N/A~~	N/A
P4308-02	MYDAN1D	N/A	1.17	500	Brown	Yellow	Medium	N/A	N/A	3
P4308-03	MYDAN1S	N/A	1.40	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	4
P4308-04	MYDAP0	N/A	1.10	500	Brown	Yellow	Medium	N/A	N/A	5
P4308-05	MYDAP1	N/A	1.43	500	Brown	Yellow	Medium	N/A	N/A	6
P4308-06	MYDAP6	N/A	1.48	500	Brown	Yellow	Medium	N/A	N/A	7
P4308-07	MYDAP7	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	8
P4308-08	MYDAP8	N/A	1.45	500	Brown	Yellow	Medium	N/A	N/A	9
P4308-09	MYDAP9	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	10
P4308-10	MYDAQ0	N/A	1.20	500	Brown	Yellow	Medium	N/A	N/A	11
P4308-11	MYDAQ1	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	12
P4308-12	MYDAQ2	N/A	1.26	500	Brown	Yellow	Medium	N/A	N/A	13
P4308-13	MYDAQ3	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	14
P4308-14	MYDAQ4	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	15
P4308-15	MYDAQ5	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	16
P4308-16	MYDAQ7	N/A	1.19	500	Brown	Yellow	Medium	N/A	N/A	17
P4308-17	MYDAQ8	N/A	1.04	500	Brown	Yellow	Medium	N/A	N/A	18
P4308-18	MYDAQ9	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	19
P4308-19	MYDAR0	N/A	1.45	500	Brown	Yellow	Medium	N/A	N/A	20
P4308-20	MYDAR1	N/A	1.10	500	Brown	Yellow	Medium	N/A	N/A	21
P4308-21	MYDAR2	N/A	1.44	500	Brown	Yellow	Medium	N/A	N/A	22
P4308-22	MYDAR3	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	23
PB164187BL	PBS187	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB164187BS	LCS187	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	25
PB164187BSD	LCSD187	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	26

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133170

Review By	Sarabjit Jaswal	Review On	10/28/2024 4:53:22 PM
Supervise By	Mohan Bera	Supervise On	10/28/2024 4:54:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE002	TUNE	10/27/24 15:19		Jaswal	OK
2	S00	S0	CAL1	10/27/24 15:55		Jaswal	OK
3	S02	S02	CAL3	10/27/24 15:58		Jaswal	OK
4	S03	S03	CAL4	10/27/24 16:01		Jaswal	OK
5	S04	S04	CAL5	10/27/24 16:05		Jaswal	OK
6	S05	S05	CAL6	10/27/24 16:08		Jaswal	OK
7	S06	S06	CAL7	10/27/24 16:10		Jaswal	OK
8	S07	S07	CAL8	10/27/24 16:16		Jaswal	OK
9	S08	S08	CAL9	10/27/24 16:19		Jaswal	OK
10	ICV002	ICV002	ICV	10/27/24 16:29	Inst pause for calibration Review	Jaswal	OK
11	ICB002	ICB002	ICB	10/27/24 16:37	Inst pause for review	Jaswal	OK
12	ICSA002	ICSA002	ICSA	10/27/24 16:43	Inst pause for review	Jaswal	OK
13	ICSAB002	ICSAB002	ICSAB	10/27/24 16:47		Jaswal	OK
14	CCV007	CCV007	CCV	10/27/24 16:58	Inst pause for review	Jaswal	OK
15	CCB007	CCB007	CCB	10/27/24 17:07	Inst pause for review	Jaswal	OK
16	P4303-01DL	MYDAE7	SAM	10/27/24 17:11	4X for Ba,Co,Ni,V	Jaswal	Confirms
17	P4303-02DL	MYDAE7D	DUP	10/27/24 17:14	4X for Ba,Co,Ni,V	Jaswal	Confirms
18	P4303-01LDL	MYDAE7L	SD	10/27/24 17:18	4X for Ba,Co,Ni,V	Jaswal	Confirms

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ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

19	P4303-03DL	MYDAE7S	MS	10/27/24 17:21	4X for Ba,Co,Ni,V	Jaswal	Confirms
20	P4303-01MSDL	MYDAE7SRE	MS	10/27/24 17:24	4X for Ba,Co,Ni,V	Jaswal	Confirms
21	P4304-08DL	MYDAP2	SAM	10/27/24 17:27	4X for Ba,Co,Ni,V	Jaswal	Confirms
22	P4304-09DL	MYDAP2D	DUP	10/27/24 17:31	4X for Ba,Co,Ni,V	Jaswal	Confirms
23	P4304-10DL	MYDAP2S	MS	10/27/24 17:37	4X for Ba,Co,Ni,V	Jaswal	Confirms
24	P4304-08MSDL	MYDAP2SRE	MS	10/27/24 17:41	4X for Ba,Co,Ni,V	Jaswal	Confirms
25	P4305-01DL	MYDAJ5	SAM	10/27/24 17:44	4X for Ba,Co,Ni,V	Jaswal	Confirms
26	P4305-02DL	MYDAJ5D	DUP	10/27/24 17:47	4X for Ba,Co,Ni,V	Jaswal	Confirms
27	P4304-08LDL	MYDAP2L	SD	10/27/24 17:50	4X for Ba,Co,Ni,V	Jaswal	Confirms
28	P4305-01LDL	MYDAJ5L	SD	10/27/24 17:54	4X for Ba,Co,Ni,V	Jaswal	Confirms
29	P4305-03DL	MYDAJ5S	MS	10/27/24 17:57	4X for Ba,Co,Ni,V	Jaswal	Confirms
30	P4305-01MSDL	MYDAJ5SRE	MS	10/27/24 18:00	4X for Ba,Co,Ni,V	Jaswal	Confirms
31	P4306-11DL	MYDAM9	SAM	10/27/24 18:03	4X for Ba,Co,Ni,V	Jaswal	Confirms
32	P4306-12DL	MYDAM9D	DUP	10/27/24 18:07	4X for Ba,Co,Ni,V	Jaswal	Confirms
33	P4306-11LDL	MYDAM9L	SD	10/27/24 18:10	4X for Ba,Co,Ni,V	Jaswal	Confirms
34	P4306-13DL	MYDAM9S	MS	10/27/24 18:13	4X for Ba,Co,Ni,V	Jaswal	Confirms
35	P4306-11MSDL	MYDAM9SRE	MS	10/27/24 18:17	4X for Ba,Co,Ni,V	Jaswal	Confirms
36	CCV008	CCV008	CCV	10/27/24 18:20		Jaswal	OK
37	CCB008	CCB008	CCB	10/27/24 18:23		Jaswal	OK
38	PB164187BL	PBS187	MB	10/27/24 18:26		Jaswal	OK

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

39	PB164187BS	LCS187	LCS	10/27/24 18:29		Jaswal	OK
40	PB164187BSD	LCSD187	LCSD	10/27/24 18:33		Jaswal	OK
41	P4308-01	MYDAN1	SAM	10/27/24 18:36	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
42	P4308-02	MYDAN1D	DUP	10/27/24 18:39	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
43	P4308-01L	MYDAN1L	SD	10/27/24 18:42	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
44	P4308-03	MYDAN1S	MS	10/27/24 18:46	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
45	P4308-01MS	MYDAN1SRE	MS	10/27/24 18:49	Ba,Co,Ni,V high,Fail for PB(45ppb),Ag(BelowRL)	Jaswal	Dilution
46	P4308-04	MYDAP0	SAM	10/27/24 18:52		Jaswal	OK
47	P4308-05	MYDAP1	SAM	10/27/24 18:55		Jaswal	OK
48	P4308-06	MYDAP6	SAM	10/27/24 18:58		Jaswal	OK
49	P4308-07	MYDAP7	SAM	10/27/24 19:01		Jaswal	OK
50	P4308-08	MYDAP8	SAM	10/27/24 19:05		Jaswal	OK
51	P4308-09	MYDAP9	SAM	10/27/24 19:08		Jaswal	OK
52	P4308-10	MYDAQ0	SAM	10/27/24 19:11		Jaswal	OK
53	P4308-11	MYDAQ1	SAM	10/27/24 19:14		Jaswal	OK
54	P4308-12	MYDAQ2	SAM	10/27/24 19:17		Jaswal	OK
55	P4308-13	MYDAQ3	SAM	10/27/24 19:21		Jaswal	OK
56	P4308-14	MYDAQ4	SAM	10/27/24 19:24		Jaswal	OK
57	P4308-15	MYDAQ5	SAM	10/27/24 19:27		Jaswal	OK

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

58	P4308-16	MYDAQ7	SAM	10/27/24 19:30		Jaswal	OK
59	P4308-17	MYDAQ8	SAM	10/27/24 19:33		Jaswal	OK
60	CCV009	CCV009	CCV	10/27/24 19:46		Jaswal	OK
61	CCB009	CCB009	CCB	10/27/24 19:49		Jaswal	OK
62	P4308-18	MYDAQ9	SAM	10/27/24 19:52		Jaswal	OK
63	P4308-19	MYDAR0	SAM	10/27/24 19:55		Jaswal	OK
64	P4308-20	MYDAR1	SAM	10/27/24 19:59		Jaswal	OK
65	P4308-21	MYDAR2	SAM	10/27/24 20:02		Jaswal	OK
66	P4308-22	MYDAR3	SAM	10/27/24 20:05		Jaswal	OK
67	P4308-01DL	MYDAN1	SAM	10/27/24 20:08	4X for Ba,Co,Ni,V	Jaswal	Confirms
68	P4308-02DL	MYDAN1D	DUP	10/27/24 20:12	4X for Ba,Co,Ni,V	Jaswal	Confirms
69	P4308-01LDL	MYDAN1L	SD	10/27/24 20:15	4X for Ba,Co,Ni,V	Jaswal	Confirms
70	P4308-03DL	MYDAN1S	MS	10/27/24 20:18	4X for Ba,Co,Ni,V	Jaswal	Confirms
71	P4308-01MSDL	MYDAN1SRE	MS	10/27/24 20:21	4X for Ba,Co,Ni,V	Jaswal	Confirms
72	PB164189BL	PBS189	MB	10/27/24 20:25		Jaswal	OK
73	PB164189BS	LCS189	LCS	10/27/24 20:28		Jaswal	OK
74	PB164189BSD	LCSD189	LCSD	10/27/24 20:31		Jaswal	OK
75	P4309-01	MYDAQ6	SAM	10/27/24 20:35	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
76	P4309-02	MYDAQ6D	DUP	10/27/24 20:39	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
77	P4309-01L	MYDAQ6L	SD	10/27/24 20:42	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution

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ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

78	P4309-03	MYDAQ6S	MS	10/27/24 20:45	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
79	P4309-01MS	MYDAQ6SRE	MS	10/27/24 20:48	Ba,Co,Ni,V high,	Jaswal	Dilution
80	P4309-01DL	MYDAQ6	SAM	10/27/24 21:01	4X for Ba,Co,Ni,V	Jaswal	Confirms
81	P4309-02DL	MYDAQ6D	DUP	10/27/24 21:04	4X for Ba,Co,Ni,V	Jaswal	Confirms
82	P4309-01LDL	MYDAQ6L	SD	10/27/24 21:08	4X for Ba,Co,Ni,V	Jaswal	Confirms
83	P4309-03DL	MYDAQ6S	MS	10/27/24 21:11	4X for Ba,Co,Ni,V	Jaswal	Confirms
84	P4309-01MSDL	MYDAQ6SRE	MS	10/27/24 21:14	4X for Ba,Co,Ni,V	Jaswal	Confirms
85	P4309-04	MYDAR4	SAM	10/27/24 21:18		Jaswal	OK
86	CCV010	CCV010	CCV	10/27/24 21:21		Jaswal	OK
87	CCB010	CCB010	CCB	10/27/24 21:24		Jaswal	OK
88	P4309-05	MYDAR5	SAM	10/27/24 21:27		Jaswal	OK
89	P4309-06	MYDAR6	SAM	10/27/24 21:31	Int_Std 89Y(1) fail	Jaswal	Dilution
90	P4309-07	MYDAR7	SAM	10/27/24 21:34	Int_Std 89Y(1) fail	Jaswal	Dilution
91	P4309-05DL	MYDAR5	SAM	10/27/24 21:37	Not use	Jaswal	Not Ok
92	P4309-06DL	MYDAR6	SAM	10/27/24 21:40	2X for Int_Std 89Y(1)	Jaswal	Confirms
93	P4309-07DL	MYDAR7	SAM	10/27/24 21:43	2X for Int_Std 89Y(1)	Jaswal	Confirms
94	P4309-08	MYDAR8	SAM	10/27/24 21:47	Int_Std 89Y(1) fail	Jaswal	Dilution
95	P4309-09	MYDAR9	SAM	10/27/24 21:50		Jaswal	OK
96	P4309-10	MYDAS0	SAM	10/27/24 21:53		Jaswal	OK
97	P4309-11	MYDAS1	SAM	10/27/24 21:56		Jaswal	OK

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

98	P4309-12	MYDAS2	SAM	10/27/24 22:00		Jaswal	OK
99	P4309-13	MYDAS3	SAM	10/27/24 22:03		Jaswal	OK
100	P4309-14	MYDAS4	SAM	10/27/24 22:06	Int_Std 89Y(1) fail	Jaswal	Dilution
101	P4309-15	MYDAS5	SAM	10/27/24 22:09		Jaswal	OK
102	P4309-16	MYDAS6	SAM	10/27/24 22:12		Jaswal	OK
103	P4309-17	MYDAS7	SAM	10/27/24 22:16		Jaswal	OK
104	P4309-18	MYDAS8	SAM	10/27/24 22:19	Int_Std 89Y(1),(2) fail	Jaswal	Dilution
105	P4309-19	MYDAS9	SAM	10/27/24 22:22	Int_Std 89Y(1) fail	Jaswal	Dilution
106	P4309-20	MYDAT0	SAM	10/27/24 22:25	Int_Std 89Y(1) fail	Jaswal	Dilution
107	P4309-21	MYDAT1	SAM	10/27/24 22:28		Jaswal	OK
108	P4309-22	MYDAT2	SAM	10/27/24 22:32		Jaswal	OK
109	P4309-08DL	MYDAR8	SAM	10/27/24 22:35	2X for Int_Std 89Y(1)	Jaswal	Confirms
110	P4309-14DL	MYDAS4	SAM	10/27/24 22:38	2X for Int_Std 89Y(1)	Jaswal	Confirms
111	P4309-16DL	MYDAS6	SAM	10/27/24 22:41	Not use	Jaswal	Not Ok
112	P4309-17DL	MYDAS7	SAM	10/27/24 22:47	Not use	Jaswal	Not Ok
113	P4309-18DL	MYDAS8	SAM	10/27/24 22:50	2X for Int_Std 89Y(1)(2)	Jaswal	Confirms
114	CCV011	CCV011	CCV	10/27/24 22:57		Jaswal	OK
115	CCB011	CCB011	CCB	10/27/24 23:07	Inst pause for review	Jaswal	OK
116	P4309-19DL	MYDAS9	SAM	10/27/24 23:17	2X for Int_Std 89Y(1)	Jaswal	Confirms
117	PB164201BL	PBS201	MB	10/27/24 23:22		Jaswal	OK

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ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

118	PB164201BSD	LCSD201	LCSD	10/27/24 23:25		Jaswal	OK
119	PB164201BS	LCS201	LCS	10/27/24 23:33		Jaswal	OK
120	P4309-21DL	MYDAT1	SAM	10/27/24 23:37	Not use	Jaswal	Not Ok
121	P4310-01	MYDAT3	SAM	10/27/24 23:43		Jaswal	OK
122	P4310-02	MYDAT4	SAM	10/27/24 23:46		Jaswal	OK
123	P4310-03	MYDAT5	SAM	10/27/24 23:50	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
124	P4310-04	MYDAT5D	DUP	10/27/24 23:53	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
125	P4310-05	MYDAT5S	MS	10/27/24 23:59	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
126	P4310-03MS	MYDAT5SRE	MS	10/28/24 00:04	Ba,Co,Ni,V high,Fail for PB(48ppb)	Jaswal	Dilution
127	P4310-03L	MYDAT5L	SD	10/28/24 00:08	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
128	P4310-03DL	MYDAT5	SAM	10/28/24 00:11	4X for Ba,Co,Ni,V	Jaswal	Confirms
129	P4310-04DL	MYDAT5D	DUP	10/28/24 00:14	4X for Ba,Co,Ni,V	Jaswal	Confirms
130	P4310-03LDL	MYDAT5L	SD	10/28/24 00:17	4X for Ba,Co,Ni,V	Jaswal	Confirms
131	P4310-05DL	MYDAT5S	MS	10/28/24 00:21	4X for Ba,Co,Ni,V	Jaswal	Confirms
132	P4310-03MSDL	MYDAT5SRE	MS	10/28/24 00:24	4X for Ba,Co,Ni,V	Jaswal	Confirms
133	P4310-06	MYDAT6	SAM	10/28/24 00:27		Jaswal	OK
134	P4310-07	MYDAT7	SAM	10/28/24 00:30		Jaswal	OK
135	P4310-08	MYDAT8	SAM	10/28/24 00:34		Jaswal	OK
136	P4310-09	MYDAT9	SAM	10/28/24 00:37		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/28/2024 4:54:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

137	P4310-10	MYDAW0	SAM	10/28/24 00:40		Jaswal	OK
138	P4310-11	MYDAW1	SAM	10/28/24 00:43		Jaswal	OK
139	CCV012	CCV012	CCV	10/28/24 00:47		Jaswal	OK
140	CCB012	CCB012	CCB	10/28/24 00:50		Jaswal	OK
141	P4310-12	MYDAW2	SAM	10/28/24 00:53		Jaswal	OK
142	P4310-13	MYDAW3	SAM	10/28/24 00:56		Jaswal	OK
143	P4310-14	MYDAW4	SAM	10/28/24 00:59		Jaswal	OK
144	P4310-15	MYDAW5	SAM	10/28/24 01:03		Jaswal	OK
145	P4310-16	MYDAW6	SAM	10/28/24 01:06		Jaswal	OK
146	P4310-17	MYDAW7	SAM	10/28/24 01:09		Jaswal	OK
147	P4310-18	MYDAW8	SAM	10/28/24 01:12		Jaswal	OK
148	P4310-19	MYDAW9	SAM	10/28/24 01:15		Jaswal	OK
149	P4310-20	MYDAX0	SAM	10/28/24 01:19		Jaswal	OK
150	P4310-21	MYDAX1	SAM	10/28/24 01:22		Jaswal	OK
151	P4310-22	MYDAX2	SAM	10/28/24 01:25		Jaswal	OK
152	PB164224BL	PBS224	MB	10/28/24 01:28		Jaswal	OK
153	PB164224BS	LCS224	LCS	10/28/24 01:32		Jaswal	OK
154	PB164224BSD	LCSD224	LCSD	10/28/24 01:35		Jaswal	OK
155	ICSA003	ICSA003	ICSA	10/28/24 01:38		Jaswal	OK
156	ICSAB003	ICSAB003	ICSAB	10/28/24 01:41		Jaswal	OK

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Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133170

Review By	Sarabjit Jaswal	Review On	10/28/2024 4:53:22 PM
Supervise By	Mohan Bera	Supervise On	10/28/2024 4:54:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

157	CCV013	CCV013	CCV	10/28/24 01:45		Jaswal	OK
158	CCB013	CCB013	CCB	10/28/24 01:47		Jaswal	OK
159	P4311-01	MYDAX3	SAM	10/28/24 01:51		Jaswal	OK
160	P4311-20	MYDB06	SAM	10/28/24 01:54	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
161	P4311-20L	MYDB06L	SD	10/28/24 02:00	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
162	P4311-22	MYDB06S	MS	10/28/24 02:04	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
163	P4311-21	MYDB06D	DUP	10/28/24 02:10	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
164	P4311-20MS	MYDB06SRE	MS	10/28/24 02:13	Ba,Co,Ni,V high,ail for Ag(BelowRL)	Jaswal	Dilution
165	P4311-20DL	MYDB06	SAM	10/28/24 02:16	4X for Ba,Co,Ni,V	Jaswal	Confirms
166	P4311-21DL	MYDB06D	DUP	10/28/24 02:20	4X for Ba,Co,Ni,V	Jaswal	Confirms
167	P4311-20LDL	MYDB06L	SD	10/28/24 02:23	4X for Ba,Co,Ni,V	Jaswal	Confirms
168	P4311-22DL	MYDB06S	MS	10/28/24 02:26	4X for Ba,Co,Ni,V	Jaswal	Confirms
169	P4311-02	MYDAX4	SAM	10/28/24 02:33		Jaswal	OK
170	P4311-03	MYDAX5	SAM	10/28/24 02:36		Jaswal	OK
171	P4311-20MSDL	MYDB06SRE	MS	10/28/24 02:39	4X for Ba,Co,Ni,V	Jaswal	Confirms
172	P4311-04	MYDAX6	SAM	10/28/24 02:42		Jaswal	OK
173	P4311-05	MYDAX7	SAM	10/28/24 02:46	Int_Std 89Y(1) fail	Jaswal	Dilution
174	P4311-06	MYDAX8	SAM	10/28/24 02:49		Jaswal	OK
175	P4311-07	MYDAX9	SAM	10/28/24 02:52		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133170

Review By	Sarabjit Jaswal	Review On	10/28/2024 4:53:22 PM
Supervise By	Mohan Bera	Supervise On	10/28/2024 4:54:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

176	P4311-08	MYDAY0	SAM	10/28/24 02:55		Jaswal	OK
177	P4311-09	MYDAY1	SAM	10/28/24 02:59		Jaswal	OK
178	P4311-10	MYDAY2	SAM	10/28/24 03:02		Jaswal	OK
179	P4311-11	MYDAY3	SAM	10/28/24 03:05	Int_Std 89Y(1) fail	Jaswal	Dilution
180	P4311-12	MYDAY4	SAM	10/28/24 03:08		Jaswal	OK
181	P4311-13	MYDAY5	SAM	10/28/24 03:11		Jaswal	OK
182	CCV014	CCV014	CCV	10/28/24 03:15		Jaswal	OK
183	CCB014	CCB014	CCB	10/28/24 03:17		Jaswal	OK
184	P4311-14	MYDAY6	SAM	10/28/24 03:21	Int_Std 89Y(1) fail	Jaswal	Dilution
185	P4311-15	MYDAY7	SAM	10/28/24 03:24		Jaswal	OK
186	P4311-16	MYDAY8	SAM	10/28/24 03:27		Jaswal	OK
187	P4311-17	MYDAY9	SAM	10/28/24 03:30		Jaswal	OK
188	P4311-18	MYDAZ0	SAM	10/28/24 03:33		Jaswal	OK
189	P4311-19	MYDAZ1	SAM	10/28/24 03:37		Jaswal	OK
190	PB164253BL	PBS253	MB	10/28/24 03:40		Jaswal	OK
191	PB164253BS	LCS253	LCS	10/28/24 03:43		Jaswal	OK
192	PB164253BSD	LCSD253	LCSD	10/28/24 03:46		Jaswal	OK
193	P4312-01	MYDAZ2	SAM	10/28/24 03:50		Jaswal	OK
194	P4312-02	MYDAZ3	SAM	10/28/24 03:53		Jaswal	OK
195	P4312-03	MYDAZ4	SAM	10/28/24 03:56		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB133170

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Supervise By	Mohan Bera	Supervise On	10/28/2024 4:54:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

196	P4312-04	MYDAZ5	SAM	10/28/24 03:59		Jaswal	OK
197	P4312-05	MYDAZ6	SAM	10/28/24 04:03		Jaswal	OK
198	P4312-06	MYDAZ7	SAM	10/28/24 04:06		Jaswal	OK
199	P4312-07	MYDAZ8	SAM	10/28/24 04:09		Jaswal	OK
200	P4312-08	MYDAZ9	SAM	10/28/24 04:12		Jaswal	OK
201	P4312-09	MYDB00	SAM	10/28/24 04:15	Int_Std 89Y(1) fail	Jaswal	Dilution
202	P4312-10	MYDB01	SAM	10/28/24 04:19		Jaswal	OK
203	P4312-11	MYDB02	SAM	10/28/24 04:22		Jaswal	OK
204	P4312-12	MYDB03	SAM	10/28/24 04:25		Jaswal	OK
205	P4312-13	MYDB04	SAM	10/28/24 04:28		Jaswal	OK
206	P4312-14	MYDB05	SAM	10/28/24 04:31		Jaswal	OK
207	P4312-15	MYDB07	SAM	10/28/24 04:35		Jaswal	OK
208	P4312-16	MYDB08	SAM	10/28/24 04:38		Jaswal	OK
209	P4312-17	MYDB09	SAM	10/28/24 04:41		Jaswal	OK
210	CCV015	CCV015	CCV	10/28/24 04:44		Jaswal	OK
211	CCB015	CCB015	CCB	10/28/24 04:47		Jaswal	OK
212	P4312-18	MYDB10	SAM	10/28/24 04:54		Jaswal	OK
213	P4312-19	MYDB11	SAM	10/28/24 04:57		Jaswal	OK
214	P4312-20	MYDB17	SAM	10/28/24 05:00	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
215	P4312-21	MYDB17D	DUP	10/28/24 05:03	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution

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Review By	Sarabjit Jaswal	Review On	10/28/2024 4:53:22 PM
Supervise By	Mohan Bera	Supervise On	10/28/2024 4:54:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

216	P4312-20L	MYDB17L	SD	10/28/24 05:06	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
217	P4312-22	MYDB17S	MS	10/28/24 05:10	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
218	P4312-20MS	MYDB17SRE	MS	10/28/24 05:13	Ba,Co,Ni,V high,Fail for PB(103ppb),Ag(BelowRL)	Jaswal	Dilution
219	CCV016	CCV016	CCV	10/28/24 05:16		Jaswal	OK
220	CCB016	CCB016	CCB	10/28/24 05:19		Jaswal	OK
221	PB164260BL	PBS260	MB	10/28/24 05:25		Jaswal	OK
222	PB164260BS	LCS260	LCS	10/28/24 05:29		Jaswal	OK
223	PB164260BSD	LCSD260	LCSD	10/28/24 05:32		Jaswal	OK
224	P4313-01RE	MYDB23	SAM	10/28/24 05:35	Not use	Jaswal	Not Ok
225	P4313-02RE	MYDB24	SAM	10/28/24 05:39	Not use	Jaswal	Not Ok
226	P4313-03RE	MYDB25	SAM	10/28/24 05:42	Not use	Jaswal	Not Ok
227	P4313-04RE	MYDB26	SAM	10/28/24 05:45	Not use	Jaswal	Not Ok
228	P4313-05RE	MYDB26D	DUP	10/28/24 05:48	Not use	Jaswal	Not Ok
229	P4313-04LRE	MYDB26L	SD	10/28/24 05:52	Not use	Jaswal	Not Ok
230	P4313-06RE	MYDB26S	MS	10/28/24 05:55	Not use	Jaswal	Not Ok
231	P4313-04MSRE	MYDB26SRE	MS	10/28/24 05:58	Not use	Jaswal	Not Ok
232	P4313-07RE	MYDB27	SAM	10/28/24 06:02	Not use	Jaswal	Not Ok
233	P4313-08RE	MYDB28	SAM	10/28/24 06:05	Not use	Jaswal	Not Ok
234	P4313-01	MYDB23	SAM	10/28/24 06:18		Jaswal	OK

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Review By	Sarabjit Jaswal	Review On	10/28/2024 4:53:22 PM
Supervise By	Mohan Bera	Supervise On	10/28/2024 4:54:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

235	P4313-02	MYDB24	SAM	10/28/24 06:21		Jaswal	OK
236	P4313-03	MYDB25	SAM	10/28/24 06:24		Jaswal	OK
237	P4313-04	MYDB26	SAM	10/28/24 06:27	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
238	P4313-05	MYDB26D	DUP	10/28/24 06:30	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
239	P4313-04L	MYDB26L	SD	10/28/24 06:34	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
240	P4313-06	MYDB26S	MS	10/28/24 06:37	Ba,Co,Ni,V high in MSRE	Jaswal	Dilution
241	P4313-04MS	MYDB26SRE	MS	10/28/24 06:40	Ba,Co,Ni,V high	Jaswal	Dilution
242	P4313-07	MYDB27	SAM	10/28/24 06:43		Jaswal	OK
243	P4313-08	MYDB28	SAM	10/28/24 06:46		Jaswal	OK
244	P4313-09	MYDB29	SAM	10/28/24 06:50		Jaswal	OK
245	CCV017	CCV017	CCV	10/28/24 06:53		Jaswal	OK
246	CCB017	CCB017	CCB	10/28/24 06:59	Inst pause for review	Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133179

Review By	Sarabjit Jaswal	Review On	10/28/2024 7:23:02 PM
Supervise By	Mohan Bera	Supervise On	10/28/2024 7:23:46 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	MP82957
LCS Standard	
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE003	TUNE	10/28/24 12:48		Jaswal	OK
2	S00	S0	CAL1	10/28/24 13:22		Jaswal	OK
3	S02	S02	CAL3	10/28/24 13:26		Jaswal	OK
4	S03	S03	CAL4	10/28/24 13:29		Jaswal	OK
5	S04	S04	CAL5	10/28/24 13:32		Jaswal	OK
6	S05	S05	CAL6	10/28/24 13:35		Jaswal	OK
7	S06	S06	CAL7	10/28/24 13:38		Jaswal	OK
8	S07	S07	CAL8	10/28/24 13:41		Jaswal	OK
9	S08	S08	CAL9	10/28/24 13:44		Jaswal	OK
10	ICV003	ICV003	ICV	10/28/24 14:03	Instrument pasued for calibration review	Jaswal	OK
11	ICB003	ICB003	ICB	10/28/24 14:06		Jaswal	OK
12	ICSA004	ICSA004	ICSA	10/28/24 14:10		Jaswal	OK
13	ICSAB004	ICSAB004	ICSAB	10/28/24 14:13		Jaswal	OK
14	CCV018	CCV018	CCV	10/28/24 14:16		Jaswal	OK
15	CCB018	CCB018	CCB	10/28/24 14:19		Jaswal	OK
16	P4313-10	MYDB30	SAM	10/28/24 14:22		Jaswal	OK
17	P4313-11RE	MYDB31	SAM	10/28/24 14:25	Not used	Jaswal	Not Ok
18	P4313-12	MYDB32	SAM	10/28/24 14:29		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/28/2024 7:23:46 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	MP82957
LCS Standard	
Chk Standard	MP82587,MP82586

19	P4313-10RE	MYDB30	SAM	10/28/24 14:32	Not used	Jaswal	Not Ok
20	P4313-13	MYDB33	SAM	10/28/24 14:35		Jaswal	OK
21	P4313-14	MYDB34	SAM	10/28/24 14:38		Jaswal	OK
22	P4313-11	MYDB31	SAM	10/28/24 14:42		Jaswal	OK
23	P4313-15	MYDB35	SAM	10/28/24 14:46		Jaswal	OK
24	P4313-16	MYDB36	SAM	10/28/24 14:49		Jaswal	OK
25	P4313-17	MYDB37	SAM	10/28/24 14:52		Jaswal	OK
26	P4313-18	MYDB38	SAM	10/28/24 14:55		Jaswal	OK
27	P4313-19	MYDB39	SAM	10/28/24 14:58		Jaswal	OK
28	P4313-20	MYDB40	SAM	10/28/24 15:02		Jaswal	OK
29	P4313-21	MYDB41	SAM	10/28/24 15:05		Jaswal	OK
30	P4313-22	MYDB61	SAM	10/28/24 15:08		Jaswal	OK
31	P4313-04DL	MYDB26	SAM	10/28/24 15:11	4X for Ba,Co,Ni,V	Jaswal	Confirms
32	P4313-05DL	MYDB26D	DUP	10/28/24 15:15	4X for Ba,Co,Ni,V	Jaswal	Confirms
33	P4313-04LDL	MYDB26L	SD	10/28/24 15:18	4X for Ba,Co,Ni,V	Jaswal	Confirms
34	P4313-06DL	MYDB26S	MS	10/28/24 15:21	4X for Ba,Co,Ni,V	Jaswal	Confirms
35	P4313-04MSDL	MYDB26SRE	MS	10/28/24 15:25	4X for Ba,Co,Ni,V	Jaswal	Confirms
36	CCV019	CCV019	CCV	10/28/24 15:28		Jaswal	OK
37	CCB019	CCB019	CCB	10/28/24 15:35	Instrument paused for review	Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/28/2024 7:23:46 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	MP82957
LCS Standard	
Chk Standard	MP82587,MP82586

38	PB164269BL	PBS269	MB	10/28/24 15:39		Jaswal	OK
39	PB164269BS	LCS269	LCS	10/28/24 15:42		Jaswal	OK
40	PB164269BSD	LCSD269	LCSD	10/28/24 15:45		Jaswal	OK
41	PB164271BL	PBS271	MB	10/28/24 15:49		Jaswal	OK
42	PB164271BS	LCS271	LCS	10/28/24 15:52		Jaswal	OK
43	PB164271BSD	LCSD271	LCSD	10/28/24 15:55		Jaswal	OK
44	PB164273BL	PBS273	MB	10/28/24 15:59		Jaswal	OK
45	PB164273BS	LCS273	LCS	10/28/24 16:02		Jaswal	OK
46	PB164273BSD	LCSD273	LCSD	10/28/24 16:05		Jaswal	OK
47	PB164275BL	PBS275	MB	10/28/24 16:09		Jaswal	OK
48	PB164275BS	LCS275	LCS	10/28/24 16:12		Jaswal	OK
49	PB164275BSD	LCSD275	LCSD	10/28/24 16:15		Jaswal	OK
50	P4312-20DL	MYDB17	SAM	10/28/24 16:19	4X for Ba,Co,Ni,V	Jaswal	Confirms
51	P4312-21DL	MYDB17D	DUP	10/28/24 16:22	4X for Ba,Co,Ni,V	Jaswal	Confirms
52	P4312-20LDL	MYDB17L	SD	10/28/24 16:25	4X for Ba,Co,Ni,V	Jaswal	Confirms
53	P4312-22DL	MYDB17S	MS	10/28/24 16:29	4X for Ba,Co,Ni,V	Jaswal	Confirms
54	P4312-20MSDL	MYDB17SRE	MS	10/28/24 16:32	4X for Ba,Co,Ni,V	Jaswal	Confirms
55	P4314-01	MYDB42	SAM	10/28/24 16:35		Jaswal	OK
56	P4314-02	MYDB43	SAM	10/28/24 16:38		Jaswal	OK
57	P4314-03	MYDB44	SAM	10/28/24 16:41		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB133179

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Supervise By	Mohan Bera	Supervise On	10/28/2024 7:23:46 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	MP82957
LCS Standard	
Chk Standard	MP82587,MP82586

58	P4314-04	MYDB45	SAM	10/28/24 16:45		Jaswal	OK
59	P4314-05	MYDB46	SAM	10/28/24 16:48		Jaswal	OK
60	P4314-06	MYDB47	SAM	10/28/24 16:51		Jaswal	OK
61	CCV020	CCV020	CCV	10/28/24 16:55		Jaswal	OK
62	CCB020	CCB020	CCB	10/28/24 16:58		Jaswal	OK
63	P4303-01A	MYDAE7ARE	PS	10/28/24 17:01	PS for Pb-0.003ml(M5747)-10ml	Jaswal	OK
64	P4304-08A	MYDAP2ARE	PS	10/28/24 17:05	PS for As-0.0056ml(M5801),Pb-0.0043ml(M5747),Ag-0.002ml(MP82957)-10ml	Jaswal	OK
65	P4305-01A	MYDAJ5ARE	PS	10/28/24 17:08	PS for Ag-0.002ml(MP82957)-10ml	Jaswal	OK
66	P4306-11A	MYDAM9ARE	PS	10/28/24 17:11	PS for Pb-0.0056ml(M5747),Ag-0.002ml(MP82957)-10ml	Jaswal	OK
67	P4308-01A	MYDAN1ARE	PS	10/28/24 17:14	PS for Pb-0.009ml(MP82593),Ag-0.002ml(MP82957)-10ml	Jaswal	OK
68	P4309-01A	MYDAQ6ARE	PS	10/28/24 17:17	PS for Ag-0.002ml(MP82957)-10ml	Jaswal	OK
69	P4309-20REDL	MYDAT0	SAM	10/28/24 17:20	Not used	Jaswal	Not Ok
70	P4310-03A	MYDAT5ARE	PS	10/28/24 17:24	PS for Pb-0.0096ml(MP82593)	Jaswal	OK
71	P4311-20A	MYDB06ARE	PS	10/28/24 17:27	PS for Ag-0.002ml(MP82957)-10ml	Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133179

Review By	Sarabjit Jaswal	Review On	10/28/2024 7:23:02 PM
Supervise By	Mohan Bera	Supervise On	10/28/2024 7:23:46 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	MP82957
LCS Standard	
Chk Standard	MP82587,MP82586

72	P4311-05REDL	MYDAX7	SAM	10/28/24 17:30	Not used	Jaswal	Not Ok
73	P4311-11REDL	MYDAY3	SAM	10/28/24 17:33	Not used	Jaswal	Not Ok
74	P4311-14REDL	MYDAY6	SAM	10/28/24 17:36	Not used	Jaswal	Not Ok
75	P4312-20A	MYDB17ARE	PS	10/28/24 17:39	PS for Pb-0.02ml(MP82593),Ag-0.002ml(MP82957)-10ml	Jaswal	OK
76	CCV021	CCV021	CCV	10/28/24 17:43		Jaswal	OK
77	CCB021	CCB021	CCB	10/28/24 17:45		Jaswal	OK
78	P4314-07	MYDB48	SAM	10/28/24 17:49		Jaswal	OK
79	P4314-08	MYDB49	SAM	10/28/24 17:53		Jaswal	OK
80	P4314-09	MYDB50	SAM	10/28/24 17:56		Jaswal	OK
81	P4314-10	MYDB51	SAM	10/28/24 17:59		Jaswal	OK
82	P4314-11	MYDB51D	DUP	10/28/24 18:02		Jaswal	OK
83	P4314-10L	MYDB51L	SD	10/28/24 18:05		Jaswal	OK
84	P4314-12	MYDB51S	MS	10/28/24 18:09		Jaswal	OK
85	P4314-10MS	MYDB51SRE	MS	10/28/24 18:12	Fail for As(234.41ppb),Pb(189.74ppb),Se(Below RL), Tl(Below RL)	Jaswal	OK
86	P4314-13	MYDB52	SAM	10/28/24 18:15		Jaswal	OK
87	P4312-09DL	MYDB00	SAM	10/28/24 18:18	2X for Int_Std 89Y(1)	Jaswal	Confirms
88	P4311-05DL	MYDAX7	SAM	10/28/24 18:21	2X for Int_Std 89Y(1)	Jaswal	Confirms
89	P4311-11DL	MYDAY3	SAM	10/28/24 18:24	2X for Int_Std 89Y(1)	Jaswal	Confirms

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ICSA Standard	MP82580,MP82581
CRI Standard	MP82957
LCS Standard	
Chk Standard	MP82587,MP82586

90	P4311-14DL	MYDAY6	SAM	10/28/24 18:28	2X for Int_Std 89Y(1)	Jaswal	Confirms
91	P4309-20DL	MYDAT0	SAM	10/28/24 18:31	2X for Int_Std 89Y(1)	Jaswal	Confirms
92	CCV022	CCV022	CCV	10/28/24 18:34		Jaswal	OK
93	CCB022	CCB022	CCB	10/28/24 18:37		Jaswal	OK