EPA SAMPLE NO.

MYDB42

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-01

% 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	0.80		10/28/2024	1635
7440-38-2	Arsenic	56	*	10/28/2024	1635
7440-39-3	Barium	100		10/28/2024	1635
7440-41-7	Beryllium	0.55	*	10/28/2024	1635
7440-43-9	Cadmium	1.2		10/28/2024	1635
7440-47-3	Chromium	15		10/28/2024	1635
7440-48-4	Cobalt	12		10/28/2024	1635
7440-50-8	Copper	78		10/28/2024	1635
7439-92-1	Lead	58	*	10/28/2024	1635
7440-02-0	Nickel	14		10/28/2024	1635
7782-49-2	Selenium	0.74	J	10/28/2024	1635
7440-22-4	Silver	0.34	J*	10/28/2024	1635
7440-28-0	Thallium	0.12	J*	10/28/2024	1635
7440-62-2	Vanadium	40		10/28/2024	1635
7440-66-6	Zinc	220	*	10/28/2024	1635

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

Comments:

EPA SAMPLE NO.

MYDB43

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-02

% Solids: 97.5 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	0.48	J	10/28/2024	1638
7440-38-2	Arsenic	50	*	10/28/2024	1638
7440-39-3	Barium	85		10/28/2024	1638
7440-41-7	Beryllium	0.56	*	10/28/2024	1638
7440-43-9	Cadmium	0.48		10/28/2024	1638
7440-47-3	Chromium	16		10/28/2024	1638
7440-48-4	Cobalt	12		10/28/2024	1638
7440-50-8	Copper	41		10/28/2024	1638
7439-92-1	Lead	36	*	10/28/2024	1638
7440-02-0	Nickel	14		10/28/2024	1638
7782-49-2	Selenium	0.42	J	10/28/2024	1638
7440-22-4	Silver	0.18	J*	10/28/2024	1638
7440-28-0	Thallium	0.099	J*	10/28/2024	1638
7440-62-2	Vanadium	54		10/28/2024	1638
7440-66-6	Zinc	140	*	10/28/2024	1638

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

Comments:

EPA SAMPLE NO.

MYDB44

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-03

% Solids: 95.5 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	0.44	J	10/28/2024	1641
7440-38-2	Arsenic	57	*	10/28/2024	1641
7440-39-3	Barium	140		10/28/2024	1641
7440-41-7	Beryllium	0.82	*	10/28/2024	1641
7440-43-9	Cadmium	0.53		10/28/2024	1641
7440-47-3	Chromium	22		10/28/2024	1641
7440-48-4	Cobalt	16		10/28/2024	1641
7440-50-8	Copper	56		10/28/2024	1641
7439-92-1	Lead	34	*	10/28/2024	1641
7440-02-0	Nickel	19		10/28/2024	1641
7782-49-2	Selenium	0.44	J	10/28/2024	1641
7440-22-4	Silver	0.19	J*	10/28/2024	1641
7440-28-0	Thallium	0.11	J*	10/28/2024	1641
7440-62-2	Vanadium	77		10/28/2024	1641
7440-66-6	Zinc	150	*	10/28/2024	1641

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

Comments:

EPA SAMPLE NO.

MYDB45

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-04

% Solids: 95.9 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	0.50	J	10/28/2024	1645
7440-38-2	Arsenic	34	*	10/28/2024	1645
7440-39-3	Barium	88		10/28/2024	1645
7440-41-7	Beryllium	0.54	*	10/28/2024	1645
7440-43-9	Cadmium	0.37	J	10/28/2024	1645
7440-47-3	Chromium	15		10/28/2024	1645
7440-48-4	Cobalt	11		10/28/2024	1645
7440-50-8	Copper	36		10/28/2024	1645
7439-92-1	Lead	19	*	10/28/2024	1645
7440-02-0	Nickel	14		10/28/2024	1645
7782-49-2	Selenium	0.24	J	10/28/2024	1645
7440-22-4	Silver	0.12	J*	10/28/2024	1645
7440-28-0	Thallium	0.078	J*	10/28/2024	1645
7440-62-2	Vanadium	49		10/28/2024	1645
7440-66-6	Zinc	100	*	10/28/2024	1645

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

Comments:

EPA SAMPLE NO.

MYDB46

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-05

% Solids: 97.2 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	0.36	J	10/28/2024	1648
7440-38-2	Arsenic	16	*	10/28/2024	1648
7440-39-3	Barium	99		10/28/2024	1648
7440-41-7	Beryllium	0.58	*	10/28/2024	1648
7440-43-9	Cadmium	0.091	J	10/28/2024	1648
7440-47-3	Chromium	17		10/28/2024	1648
7440-48-4	Cobalt	12		10/28/2024	1648
7440-50-8	Copper	27		10/28/2024	1648
7439-92-1	Lead	7.7	*	10/28/2024	1648
7440-02-0	Nickel	14		10/28/2024	1648
7782-49-2	Selenium	0.40	J	10/28/2024	1648
7440-22-4	Silver	0.42	U*	10/28/2024	1648
7440-28-0	Thallium	0.066	J*	10/28/2024	1648
7440-62-2	Vanadium	54		10/28/2024	1648
7440-66-6	Zinc	54	*	10/28/2024	1648

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

Comments:

EPA SAMPLE NO.

MYDB47

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-06

% Solids: 96.5 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	0.24	J	10/28/2024	1651
7440-38-2	Arsenic	23	*	10/28/2024	1651
7440-39-3	Barium	83		10/28/2024	1651
7440-41-7	Beryllium	0.48	*	10/28/2024	1651
7440-43-9	Cadmium	0.081	J	10/28/2024	1651
7440-47-3	Chromium	11		10/28/2024	1651
7440-48-4	Cobalt	8.6		10/28/2024	1651
7440-50-8	Copper	22		10/28/2024	1651
7439-92-1	Lead	5.5	*	10/28/2024	1651
7440-02-0	Nickel	11		10/28/2024	1651
7782-49-2	Selenium	0.26	J	10/28/2024	1651
7440-22-4	Silver	0.35	U*	10/28/2024	1651
7440-28-0	Thallium	0.042	J*	10/28/2024	1651
7440-62-2	Vanadium	49		10/28/2024	1651
7440-66-6	Zinc	45	*	10/28/2024	1651

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

Comments:

EPA SAMPLE NO.

MYDB48

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-07

% Solids: 97.5 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	0.45	J	10/28/2024	1749
7440-38-2	Arsenic	27	*	10/28/2024	1749
7440-39-3	Barium	87		10/28/2024	1749
7440-41-7	Beryllium	0.51	*	10/28/2024	1749
7440-43-9	Cadmium	0.37		10/28/2024	1749
7440-47-3	Chromium	13		10/28/2024	1749
7440-48-4	Cobalt	11		10/28/2024	1749
7440-50-8	Copper	32		10/28/2024	1749
7439-92-1	Lead	20	*	10/28/2024	1749
7440-02-0	Nickel	14		10/28/2024	1749
7782-49-2	Selenium	1.8	U	10/28/2024	1749
7440-22-4	Silver	0.093	J*	10/28/2024	1749
7440-28-0	Thallium	0.082	J*	10/28/2024	1749
7440-62-2	Vanadium	57		10/28/2024	1749
7440-66-6	Zinc	100	*	10/28/2024	1749

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

Comments:

EPA SAMPLE NO.

MYDB49

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-08

% Solids: 97.2 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	1.3		10/28/2024	1753
7440-38-2	Arsenic	42	*	10/28/2024	1753
7440-39-3	Barium	200		10/28/2024	1753
7440-41-7	Beryllium	0.56	*	10/28/2024	1753
7440-43-9	Cadmium	0.63		10/28/2024	1753
7440-47-3	Chromium	18		10/28/2024	1753
7440-48-4	Cobalt	14		10/28/2024	1753
7440-50-8	Copper	40		10/28/2024	1753
7439-92-1	Lead	27	*	10/28/2024	1753
7440-02-0	Nickel	17		10/28/2024	1753
7782-49-2	Selenium	2.0	U	10/28/2024	1753
7440-22-4	Silver	0.17	J*	10/28/2024	1753
7440-28-0	Thallium	0.21	J*	10/28/2024	1753
7440-62-2	Vanadium	60		10/28/2024	1753
7440-66-6	Zinc	150	*	10/28/2024	1753

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

Comments:

EPA SAMPLE NO.

MYDB50

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-09

% 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	0.29	J	10/28/2024	1756
7440-38-2	Arsenic	37	*	10/28/2024	1756
7440-39-3	Barium	67		10/28/2024	1756
7440-41-7	Beryllium	0.43	*	10/28/2024	1756
7440-43-9	Cadmium	0.37	J	10/28/2024	1756
7440-47-3	Chromium	14		10/28/2024	1756
7440-48-4	Cobalt	10		10/28/2024	1756
7440-50-8	Copper	33		10/28/2024	1756
7439-92-1	Lead	20	*	10/28/2024	1756
7440-02-0	Nickel	14		10/28/2024	1756
7782-49-2	Selenium	2.0	U	10/28/2024	1756
7440-22-4	Silver	0.12	J*	10/28/2024	1756
7440-28-0	Thallium	0.065	J*	10/28/2024	1756
7440-62-2	Vanadium	45		10/28/2024	1756
7440-66-6	Zinc	130	*	10/28/2024	1756

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

Comments:

EPA SAMPLE NO.

MYDB51

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-10

% Solids: 97.5 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	0.94		10/28/2024	1759
7440-38-2	Arsenic	88	*	10/28/2024	1759
7440-39-3	Barium	140	D	10/29/2024	1947
7440-41-7	Beryllium	0.57	*	10/28/2024	1759
7440-43-9	Cadmium	1.2		10/28/2024	1759
7440-47-3	Chromium	18		10/28/2024	1759
7440-48-4	Cobalt	12	D	10/29/2024	1947
7440-50-8	Copper	77		10/28/2024	1759
7439-92-1	Lead	72	*	10/28/2024	1759
7440-02-0	Nickel	17	D	10/29/2024	1947
7782-49-2	Selenium	0.81	J	10/28/2024	1759
7440-22-4	Silver	0.47	*	10/28/2024	1759
7440-28-0	Thallium	0.10	J*	10/28/2024	1759
7440-62-2	Vanadium	53	D	10/29/2024	1947
7440-66-6	Zinc	290	*	10/28/2024	1759

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

Comments:

EPA SAMPLE NO.

MYDB52

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-13

% Solids: 95.9 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	0.36	J	10/28/2024	1841
7440-38-2	Arsenic	45	*	10/28/2024	1841
7440-39-3	Barium	190		10/28/2024	1841
7440-41-7	Beryllium	0.94	*	10/28/2024	1841
7440-43-9	Cadmium	0.53		10/28/2024	1841
7440-47-3	Chromium	26		10/28/2024	1841
7440-48-4	Cobalt	20		10/28/2024	1841
7440-50-8	Copper	59		10/28/2024	1841
7439-92-1	Lead	24	*	10/28/2024	1841
7440-02-0	Nickel	24		10/28/2024	1841
7782-49-2	Selenium	0.60	J	10/28/2024	1841
7440-22-4	Silver	0.17	J*	10/28/2024	1841
7440-28-0	Thallium	0.13	J*	10/28/2024	1841
7440-62-2	Vanadium	82		10/28/2024	1841
7440-66-6	Zinc	130	*	10/28/2024	1841

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

Comments:

EPA SAMPLE NO.

MYDB53

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-14

% Solids: 97.1 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	0.91		10/28/2024	1844
7440-38-2	Arsenic	95	*	10/28/2024	1844
7440-39-3	Barium	110		10/28/2024	1844
7440-41-7	Beryllium	0.57	*	10/28/2024	1844
7440-43-9	Cadmium	1.3		10/28/2024	1844
7440-47-3	Chromium	15		10/28/2024	1844
7440-48-4	Cobalt	13		10/28/2024	1844
7440-50-8	Copper	70		10/28/2024	1844
7439-92-1	Lead	81	*	10/28/2024	1844
7440-02-0	Nickel	15		10/28/2024	1844
7782-49-2	Selenium	0.77	J	10/28/2024	1844
7440-22-4	Silver	0.41	*	10/28/2024	1844
7440-28-0	Thallium	0.11	J*	10/28/2024	1844
7440-62-2	Vanadium	52		10/28/2024	1844
7440-66-6	Zinc	290	*	10/28/2024	1844

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

Comments:

EPA SAMPLE NO.

MYDB54

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-15

% Solids: 96.9 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	0.43	J	10/28/2024	1847
7440-38-2	Arsenic	43	*	10/28/2024	1847
7440-39-3	Barium	100		10/28/2024	1847
7440-41-7	Beryllium	0.58	*	10/28/2024	1847
7440-43-9	Cadmium	0.48		10/28/2024	1847
7440-47-3	Chromium	19		10/28/2024	1847
7440-48-4	Cobalt	13		10/28/2024	1847
7440-50-8	Copper	50		10/28/2024	1847
7439-92-1	Lead	25	*	10/28/2024	1847
7440-02-0	Nickel	17		10/28/2024	1847
7782-49-2	Selenium	2.1	U	10/28/2024	1847
7440-22-4	Silver	0.18	J*	10/28/2024	1847
7440-28-0	Thallium	0.083	J*	10/28/2024	1847
7440-62-2	Vanadium	58		10/28/2024	1847
7440-66-6	Zinc	130	*	10/28/2024	1847

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

Comments:

EPA SAMPLE NO.

MYDB55

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-16

% Solids: 97.1 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	0.81		10/28/2024	1851
7440-38-2	Arsenic	75	*	10/28/2024	1851
7440-39-3	Barium	120		10/28/2024	1851
7440-41-7	Beryllium	0.59	*	10/28/2024	1851
7440-43-9	Cadmium	0.91		10/28/2024	1851
7440-47-3	Chromium	17		10/28/2024	1851
7440-48-4	Cobalt	12		10/28/2024	1851
7440-50-8	Copper	61		10/28/2024	1851
7439-92-1	Lead	66	*	10/28/2024	1851
7440-02-0	Nickel	17		10/28/2024	1851
7782-49-2	Selenium	0.74	J	10/28/2024	1851
7440-22-4	Silver	0.32	J*	10/28/2024	1851
7440-28-0	Thallium	0.098	J*	10/28/2024	1851
7440-62-2	Vanadium	54		10/28/2024	1851
7440-66-6	Zinc	230	*	10/28/2024	1851

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

Comments:

EPA SAMPLE NO.

MYDB56

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-17

% Solids: 97.2 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	0.73	J	10/28/2024	1854
7440-38-2	Arsenic	69	*	10/28/2024	1854
7440-39-3	Barium	150		10/28/2024	1854
7440-41-7	Beryllium	0.87	*	10/28/2024	1854
7440-43-9	Cadmium	0.99		10/28/2024	1854
7440-47-3	Chromium	20		10/28/2024	1854
7440-48-4	Cobalt	15		10/28/2024	1854
7440-50-8	Copper	66		10/28/2024	1854
7439-92-1	Lead	53	*	10/28/2024	1854
7440-02-0	Nickel	20		10/28/2024	1854
7782-49-2	Selenium	0.54	J	10/28/2024	1854
7440-22-4	Silver	0.29	J*	10/28/2024	1854
7440-28-0	Thallium	0.13	J*	10/28/2024	1854
7440-62-2	Vanadium	66		10/28/2024	1854
7440-66-6	Zinc	230	*	10/28/2024	1854

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

Comments:

EPA SAMPLE NO.

MYDB57

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-18

% Solids: 97.5 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	0.92		10/28/2024	1857
7440-38-2	Arsenic	54	*	10/28/2024	1857
7440-39-3	Barium	72		10/28/2024	1857
7440-41-7	Beryllium	0.43	*	10/28/2024	1857
7440-43-9	Cadmium	0.74		10/28/2024	1857
7440-47-3	Chromium	12		10/28/2024	1857
7440-48-4	Cobalt	9.0		10/28/2024	1857
7440-50-8	Copper	44		10/28/2024	1857
7439-92-1	Lead	48	*	10/28/2024	1857
7440-02-0	Nickel	12		10/28/2024	1857
7782-49-2	Selenium	0.33	J	10/28/2024	1857
7440-22-4	Silver	0.26	J*	10/28/2024	1857
7440-28-0	Thallium	0.090	J*	10/28/2024	1857
7440-62-2	Vanadium	37		10/28/2024	1857
7440-66-6	Zinc	190	*	10/28/2024	1857

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

Comments:

EPA SAMPLE NO.

MYDB58

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-19

% Solids: 97.5 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	1.2		10/28/2024	1900
7440-38-2	Arsenic	94	*	10/28/2024	1900
7440-39-3	Barium	100		10/28/2024	1900
7440-41-7	Beryllium	0.61	*	10/28/2024	1900
7440-43-9	Cadmium	1.0		10/28/2024	1900
7440-47-3	Chromium	19		10/28/2024	1900
7440-48-4	Cobalt	14		10/28/2024	1900
7440-50-8	Copper	65		10/28/2024	1900
7439-92-1	Lead	67	*	10/28/2024	1900
7440-02-0	Nickel	17		10/28/2024	1900
7782-49-2	Selenium	0.47	J	10/28/2024	1900
7440-22-4	Silver	0.36	J*	10/28/2024	1900
7440-28-0	Thallium	0.11	J*	10/28/2024	1900
7440-62-2	Vanadium	65		10/28/2024	1900
7440-66-6	Zinc	260	*	10/28/2024	1900

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

Comments:

EPA SAMPLE NO.

MYDB59

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-20

% Solids: 97.5 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	0.58	J	10/28/2024	1903
7440-38-2	Arsenic	46	*	10/28/2024	1903
7440-39-3	Barium	110		10/28/2024	1903
7440-41-7	Beryllium	0.65	*	10/28/2024	1903
7440-43-9	Cadmium	0.86		10/28/2024	1903
7440-47-3	Chromium	15		10/28/2024	1903
7440-48-4	Cobalt	14		10/28/2024	1903
7440-50-8	Copper	58		10/28/2024	1903
7439-92-1	Lead	40	*	10/28/2024	1903
7440-02-0	Nickel	16		10/28/2024	1903
7782-49-2	Selenium	0.38	J	10/28/2024	1903
7440-22-4	Silver	0.21	J*	10/28/2024	1903
7440-28-0	Thallium	0.095	J*	10/28/2024	1903
7440-62-2	Vanadium	45		10/28/2024	1903
7440-66-6	Zinc	180	*	10/28/2024	1903

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

Comments:

EPA SAMPLE NO.

MYDB60

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-21

% Solids: 97.7 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	0.77		10/28/2024	1907
7440-38-2	Arsenic	70	*	10/28/2024	1907
7440-39-3	Barium	75		10/28/2024	1907
7440-41-7	Beryllium	0.43	*	10/28/2024	1907
7440-43-9	Cadmium	0.94		10/28/2024	1907
7440-47-3	Chromium	11		10/28/2024	1907
7440-48-4	Cobalt	11		10/28/2024	1907
7440-50-8	Copper	51		10/28/2024	1907
7439-92-1	Lead	61	*	10/28/2024	1907
7440-02-0	Nickel	12		10/28/2024	1907
7782-49-2	Selenium	0.43	J	10/28/2024	1907
7440-22-4	Silver	0.29	J*	10/28/2024	1907
7440-28-0	Thallium	0.079	J*	10/28/2024	1907
7440-62-2	Vanadium	35		10/28/2024	1907
7440-66-6	Zinc	210	*	10/28/2024	1907

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

Comments:

EPA SAMPLE NO.

MYDB62

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.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-22

% Solids: 96 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	0.38	J	10/28/2024	1910
7440-38-2	Arsenic	23	*	10/28/2024	1910
7440-39-3	Barium	110		10/28/2024	1910
7440-41-7	Beryllium	0.68	*	10/28/2024	1910
7440-43-9	Cadmium	0.19	J	10/28/2024	1910
7440-47-3	Chromium	17		10/28/2024	1910
7440-48-4	Cobalt	13		10/28/2024	1910
7440-50-8	Copper	35		10/28/2024	1910
7439-92-1	Lead	10	*	10/28/2024	1910
7440-02-0	Nickel	15		10/28/2024	1910
7782-49-2	Selenium	2.0	U	10/28/2024	1910
7440-22-4	Silver	0.063	J*	10/28/2024	1910
7440-28-0	Thallium	0.063	J*	10/28/2024	1910
7440-62-2	Vanadium	57		10/28/2024	1910
7440-66-6	Zinc	69	*	10/28/2024	1910

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

Comments:

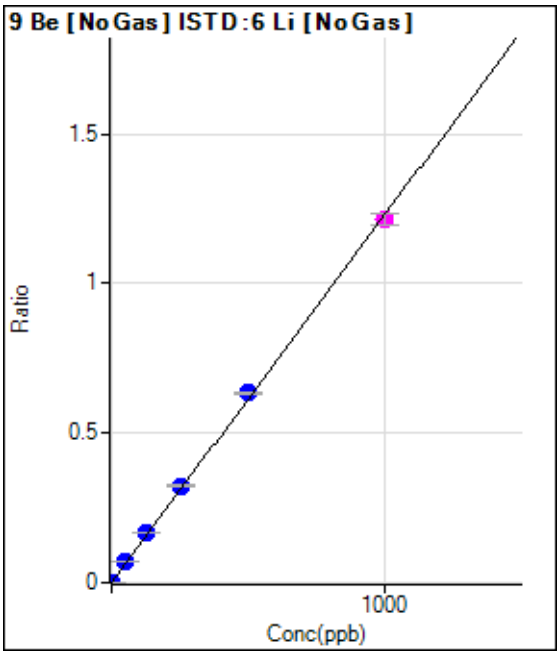
Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

Calibration for 043LLCC.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102824MS1.b\
Analysis File: P7102824MS1.batch.bin
DA Date-Time: 2024-10-28 17:50:55
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



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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

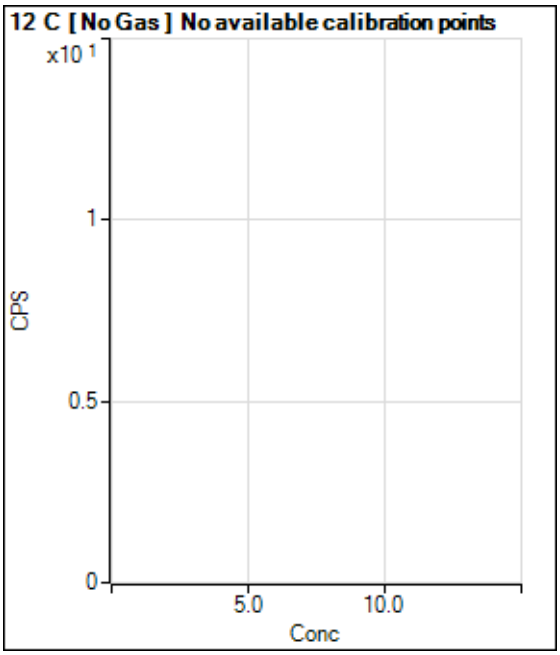
R = 0.9997

DL = 0.01141

BEC = 0.0268

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
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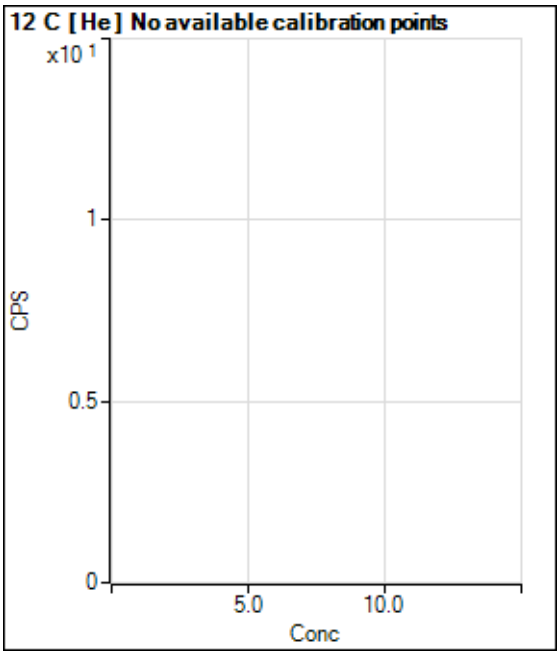
Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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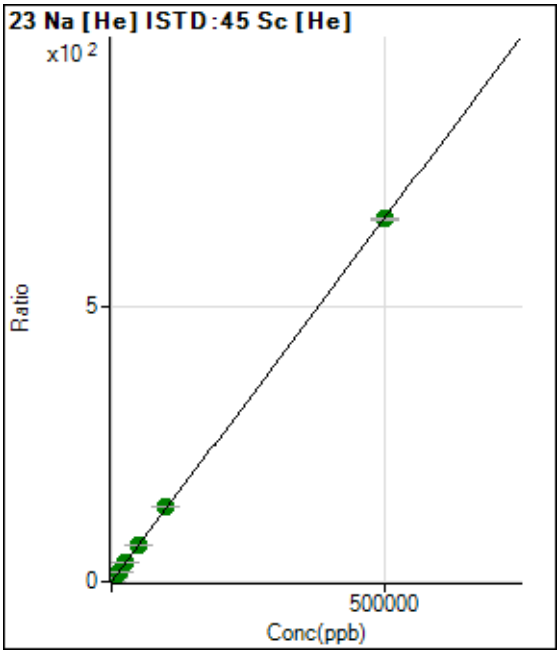
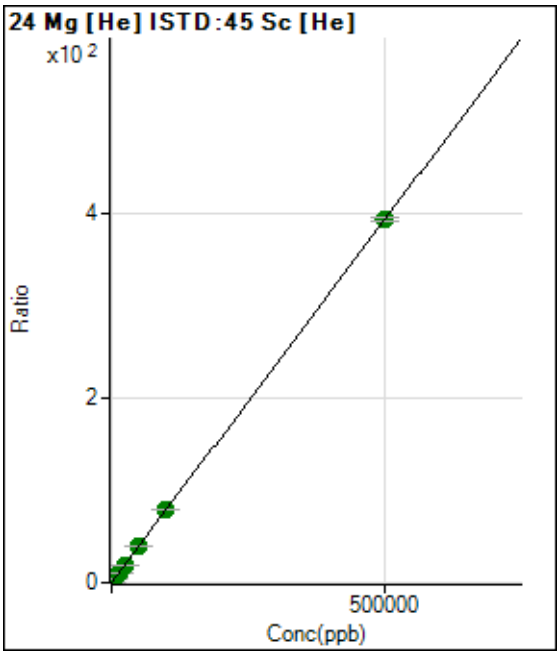


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44242.26	0.1376	P	0.8
2	☐	500.000	496.632	255754.64	0.7947	P	0.6
3	☐	5000.000	5156.377	2217445.82	6.9601	A	0.5
4	☐	12500.000	12773.316	5469115.23	17.0383	A	0.4
5	☐	25000.000	25762.220	10910640.11	34.2242	A	0.7
6	☐	50000.000	50807.262	21593824.26	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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7



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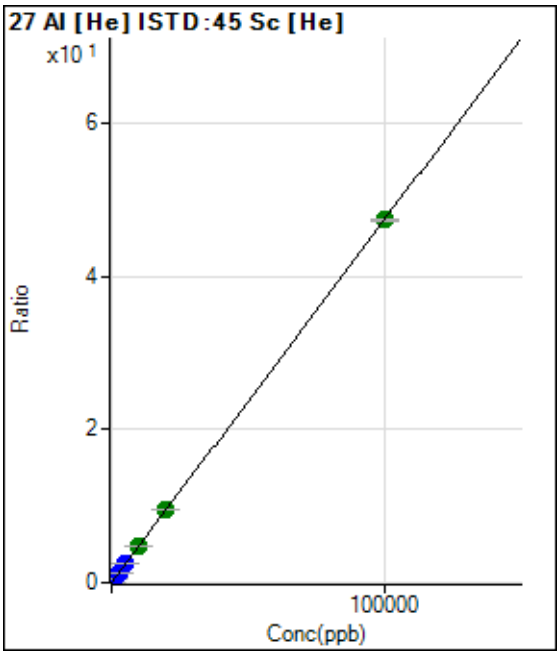
2	☐	500.000	515.817	131236.33	0.4078	P	1.0
3	☐	5000.000	5084.501	1274410.13	4.0002	A	0.1
4	☐	12500.000	12491.995	3153665.78	9.8247	A	0.8
5	☐	25000.000	25059.739	6282524.42	19.7068	A	0.5
6	☐	50000.000	49485.688	12474005.51	38.9130	A	1.3
7	☐	100000.00	99577.246	24538393.25	78.3002	A	0.3
8	☐	500000.00	500132.33	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



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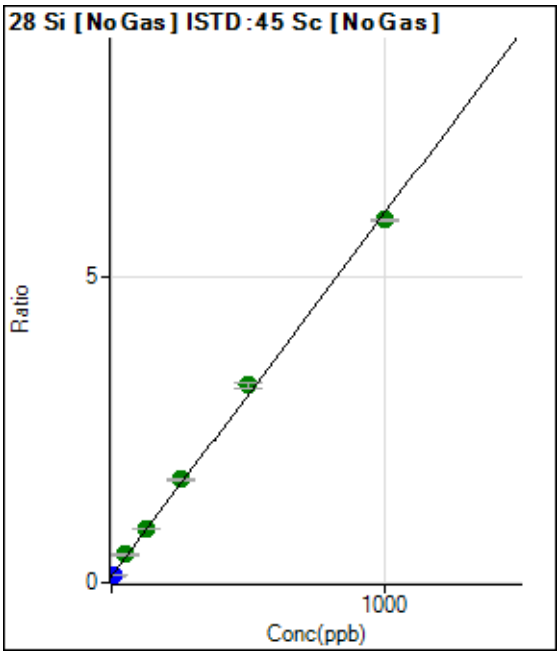
1	☐	0.000	0.000	283.34	0.0009	P	9.6
2	☐	20.000	19.386	3241.50	0.0101	P	0.2
3	☐	1000.000	1218.309	184299.24	0.5785	P	0.8
4	☐	2500.000	2705.088	411943.67	1.2833	P	0.8
5	☐	5000.000	5185.004	783949.67	2.4591	P	0.4
6	☐	10000.000	9915.382	1507245.58	4.7017	A	0.9
7	☐	20000.000	20203.527	3002069.92	9.5793	A	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

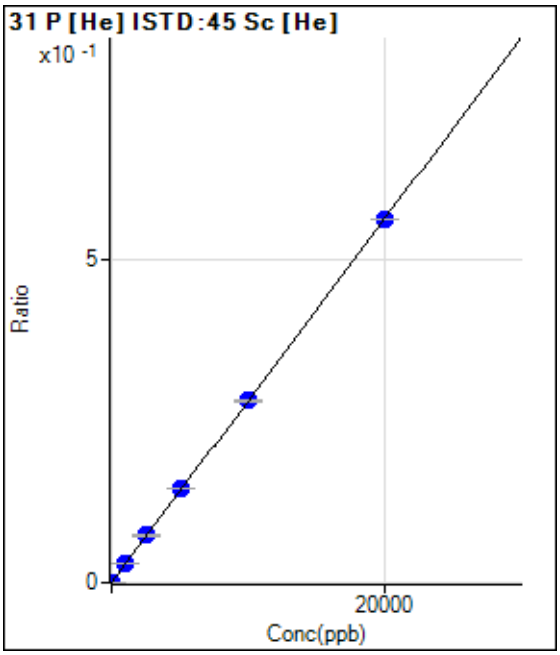
Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7



	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

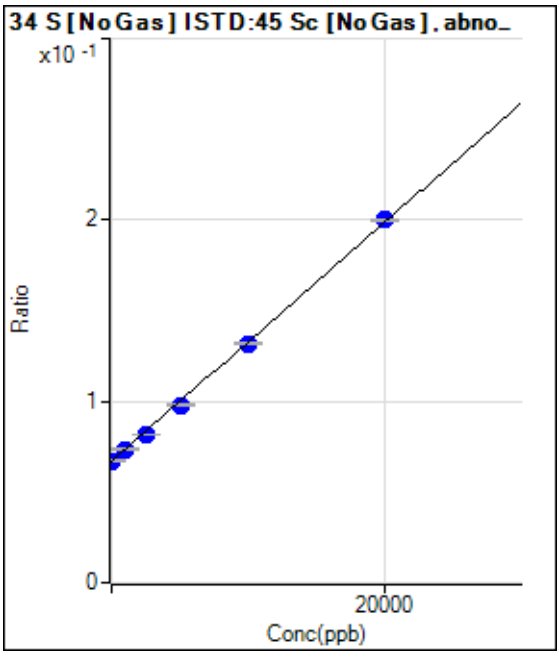


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-14.521	131.11	0.0004	P	7.9
2	☐	0.000	14.521	394.45	0.0012	P	11.6
3	☐	1000.000	1028.905	9486.36	0.0298	P	1.4
4	☐	2500.000	2577.100	23544.88	0.0734	P	1.0
5	☐	5000.000	5161.149	46570.61	0.1461	P	0.5
6	☐	10000.000	9990.262	90393.78	0.2820	P	1.6
7	☐	20000.000	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

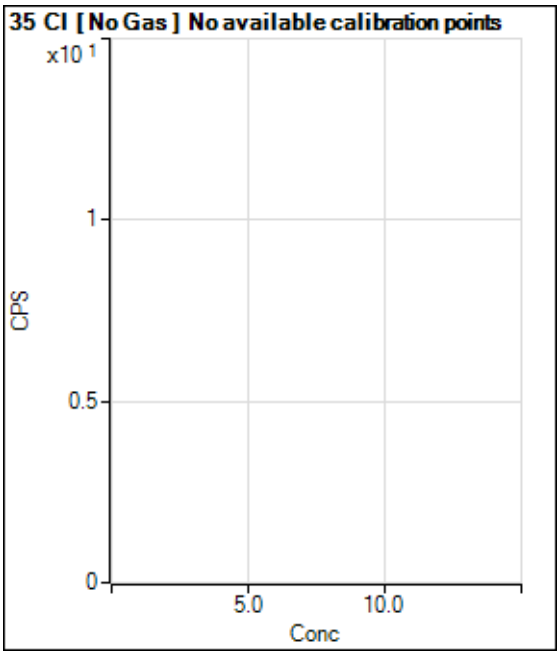
Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7



	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

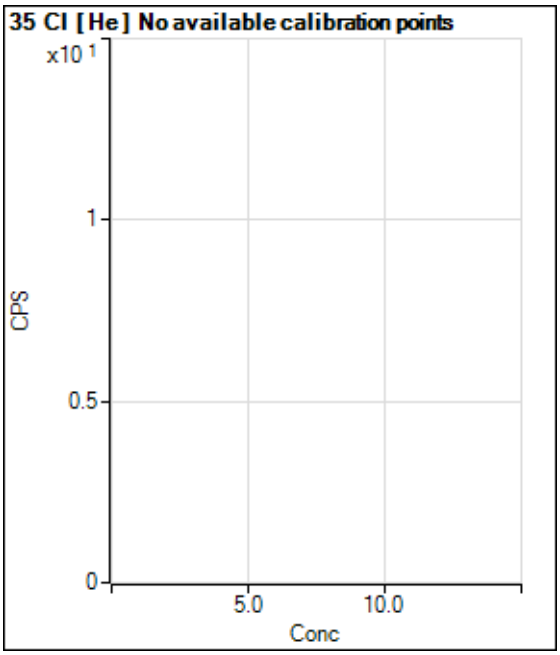
y = 6.5785E-006 * x + 0.0671
R = 0.9997
DL = 427.9
BEC = 1.02E+04

Weight: <None>
Min Conc: 0

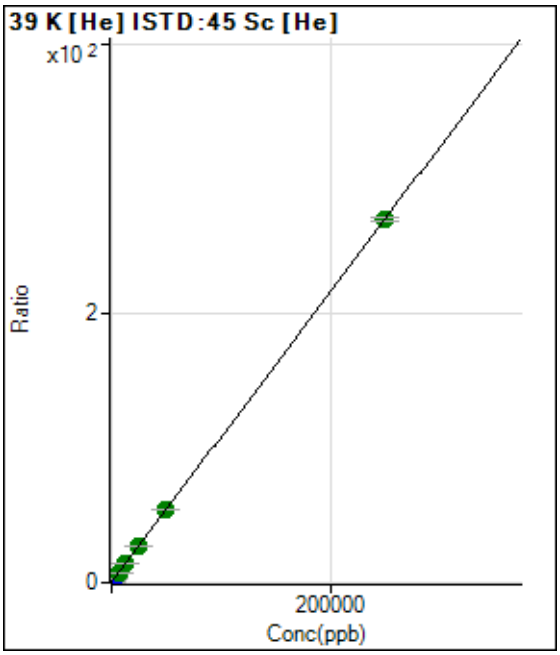


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
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	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

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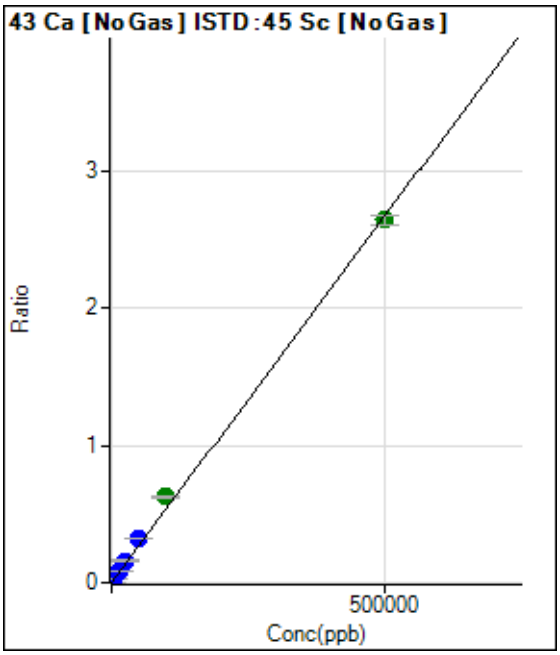
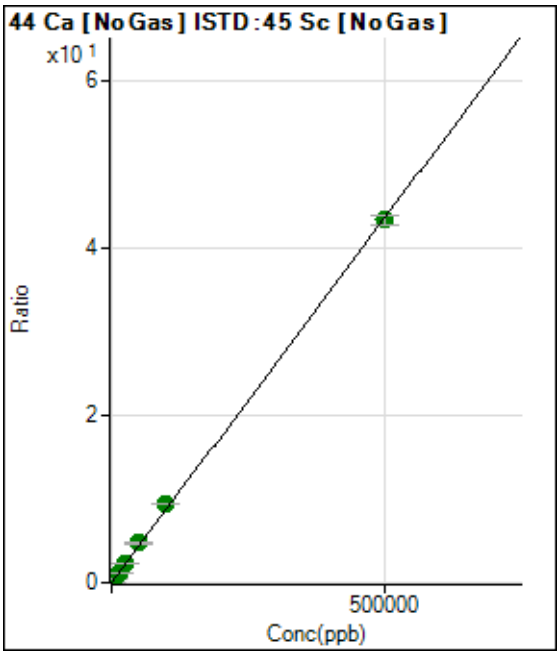


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	343.34	0.0001	P	5.7
2	☐	500.000	502.004	9947.81	0.0028	P	1.6
3	☐	5000.000	6197.743	117414.70	0.0332	P	1.0
4	☐	12500.000	15114.852	290513.93	0.0808	P	0.6
5	☐	25000.000	30160.056	583478.46	0.1612	P	1.4
6	☐	50000.000	59980.573	1169813.12	0.3204	P	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

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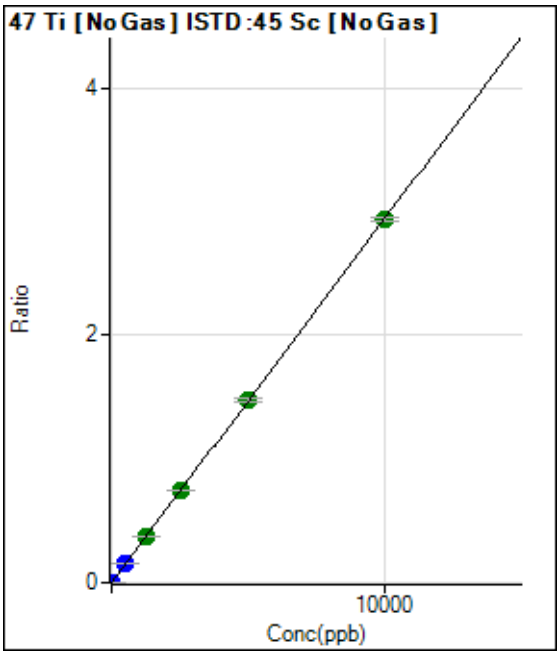
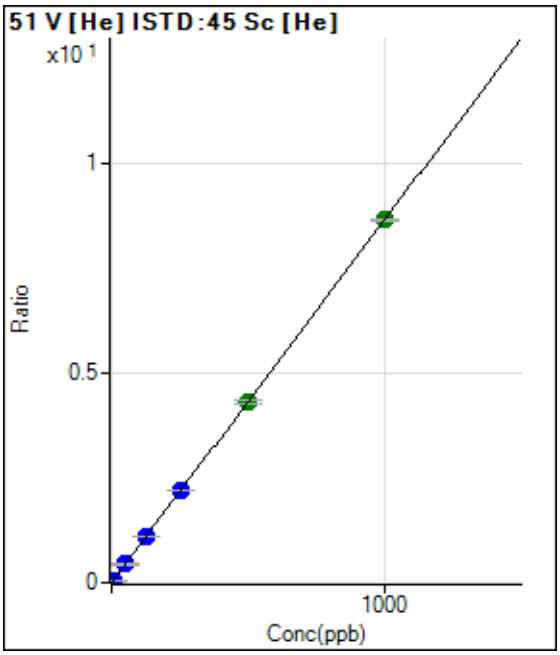


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	151.12	0.0000	P	10.2
2	☐	5.000	4.372	4760.79	0.0013	P	3.4
3	☐	500.000	510.894	531827.54	0.1504	P	2.5
4	☐	1250.000	1257.344	1330440.15	0.3701	A	0.4
5	☐	2500.000	2551.167	2718787.16	0.7509	A	0.7
6	☐	5000.000	5021.639	5396047.98	1.4780	A	2.6
7	☐	10000.000	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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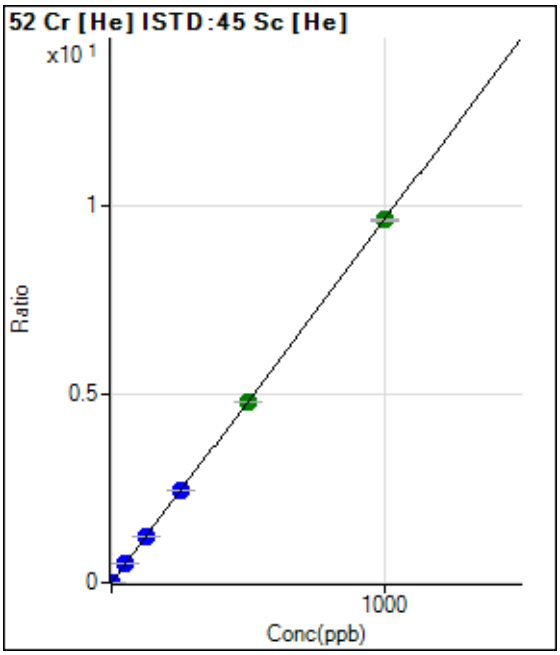
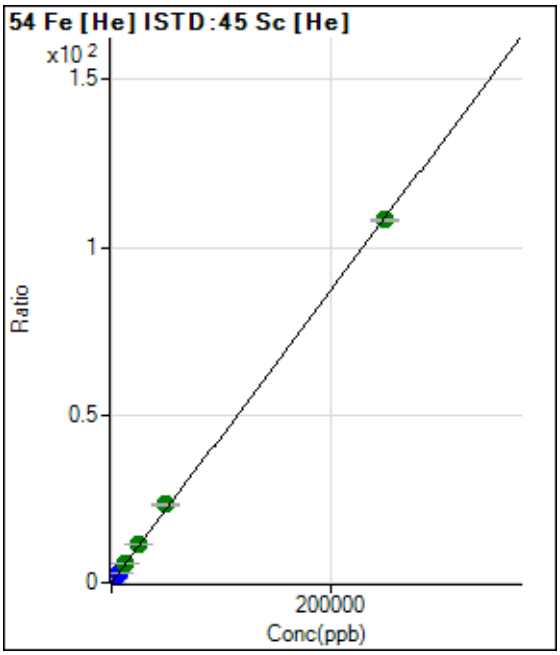


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	712.25	0.0022	P	2.1
2	☐	2.000	1.990	6868.29	0.0213	P	1.8
3	☐	50.000	51.438	158230.92	0.4967	P	1.8
4	☐	125.000	127.851	395223.38	1.2313	P	1.1
5	☐	250.000	254.230	779846.02	2.4462	P	0.4
6	☐	500.000	497.813	1534860.53	4.7878	A	0.6
7	☐	1000.000	999.608	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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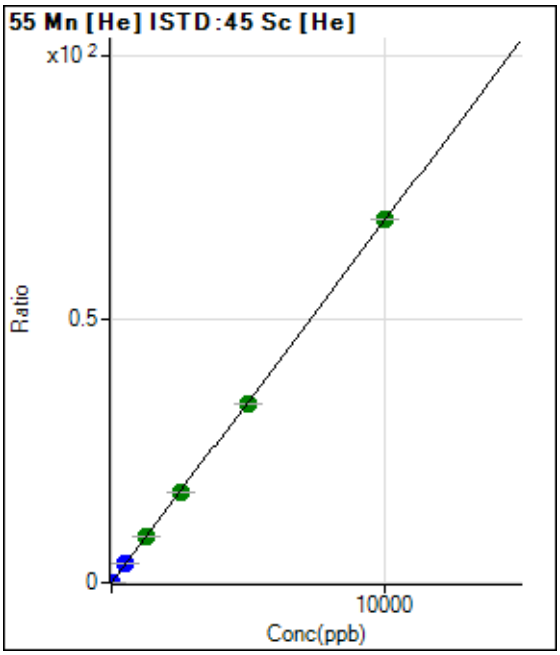
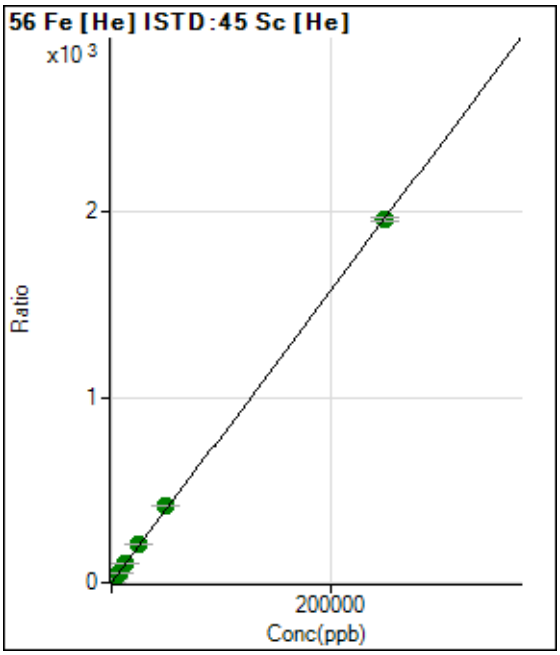


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	381.12	0.0012	P	6.5
2	☐	1.000	0.984	2554.69	0.0079	P	2.2
3	☐	500.000	514.454	1125042.38	3.5314	P	0.7
4	☐	1250.000	1267.765	2792840.10	8.7007	A	0.5
5	☐	2500.000	2500.590	5470747.90	17.1604	A	0.5
6	☐	5000.000	4940.488	10868753.86	33.9032	A	0.5
7	☐	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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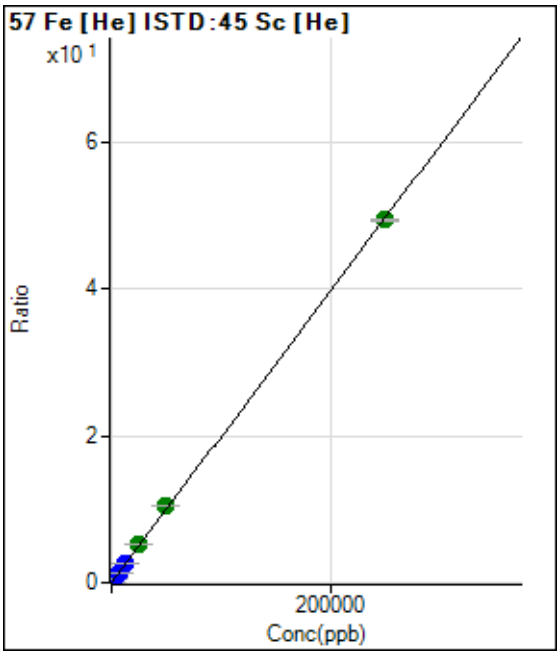
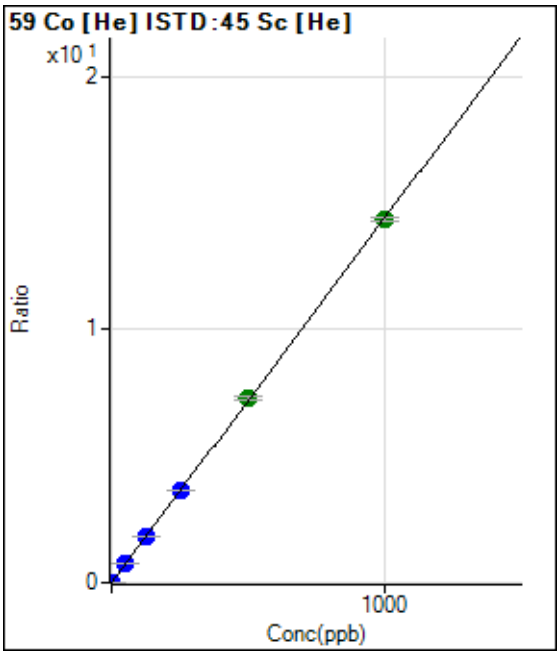


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3130.36	0.0097	P	2.9
2	☐	50.000	52.366	6470.33	0.0201	P	0.4
3	☐	2500.000	2754.652	176868.58	0.5552	P	1.3
4	☐	6250.000	6873.962	440033.03	1.3709	P	0.4
5	☐	12500.000	13677.145	866488.61	2.7180	P	0.6
6	☐	25000.000	25974.543	1651911.82	5.1530	A	1.1
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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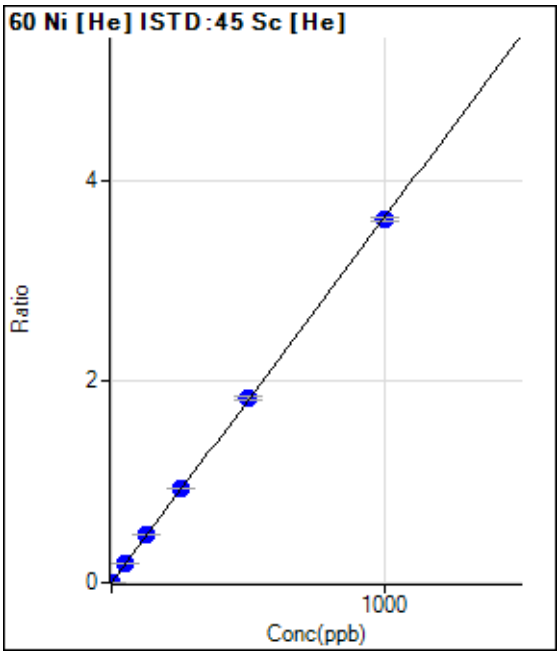
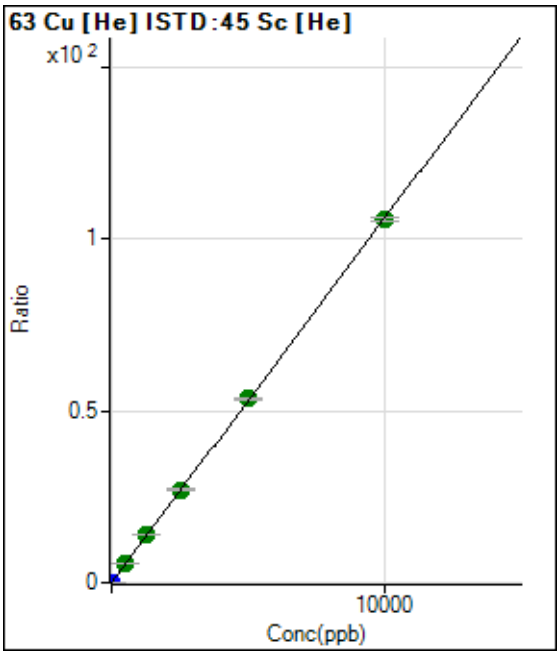


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0003	P	4.5
2	☐	1.000	1.022	1291.18	0.0040	P	2.0
3	☐	50.000	53.020	61409.61	0.1928	P	0.7
4	☐	125.000	130.309	151928.20	0.4733	P	0.6
5	☐	250.000	258.560	299303.70	0.9388	P	0.7
6	☐	500.000	507.011	590027.43	1.8407	P	1.8
7	☐	1000.000	993.540	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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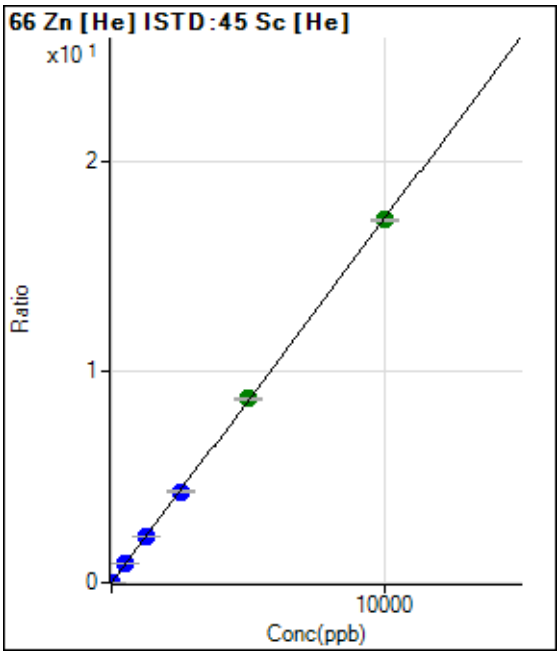
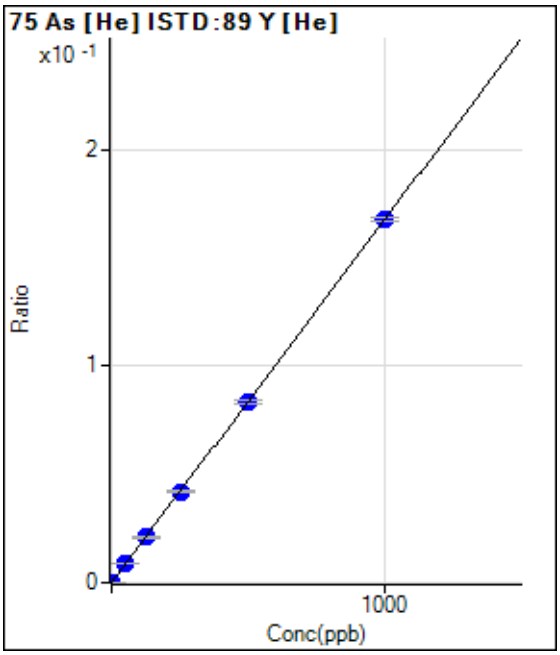


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	640.02	0.0020	P	7.4
2	☐	2.000	4.695	3250.39	0.0101	P	1.9
3	☐	500.000	508.254	280323.42	0.8799	P	0.3
4	☐	1250.000	1263.245	701040.38	2.1840	P	0.2
5	☐	2500.000	2505.793	1380485.95	4.3302	P	0.4
6	☐	5000.000	5065.774	2805960.86	8.7521	A	0.9
7	☐	10000.000	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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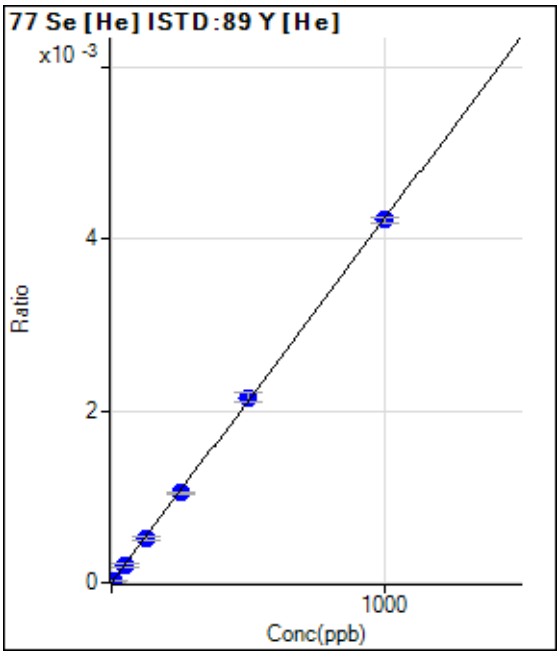
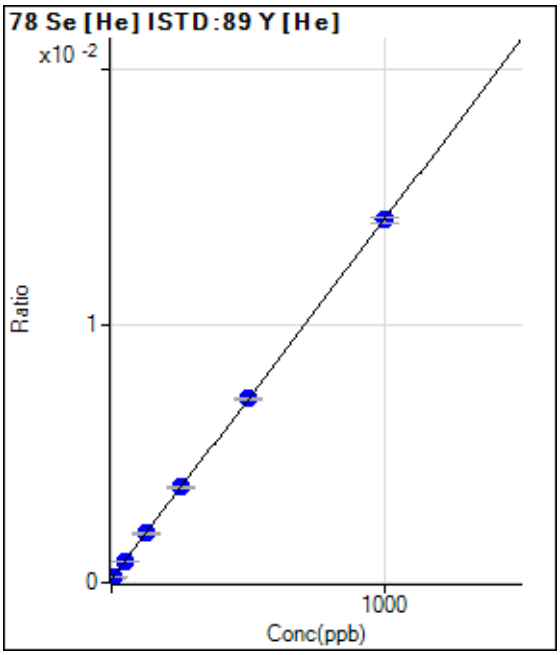


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.396	47.78	0.0000	P	18.3
3	☐	50.000	47.980	508.90	0.0002	P	16.3
4	☐	125.000	122.646	1312.29	0.0005	P	6.7
5	☐	250.000	246.478	2634.71	0.0010	P	2.4
6	☐	500.000	509.058	5442.15	0.0022	P	4.9
7	☐	1000.000	996.750	10435.97	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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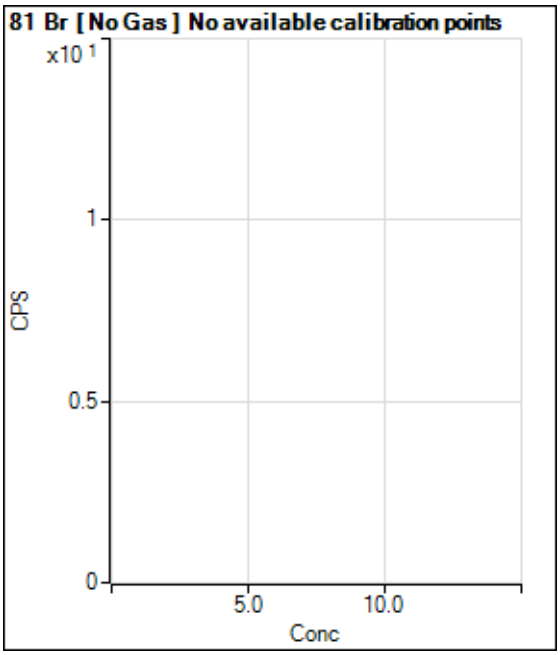
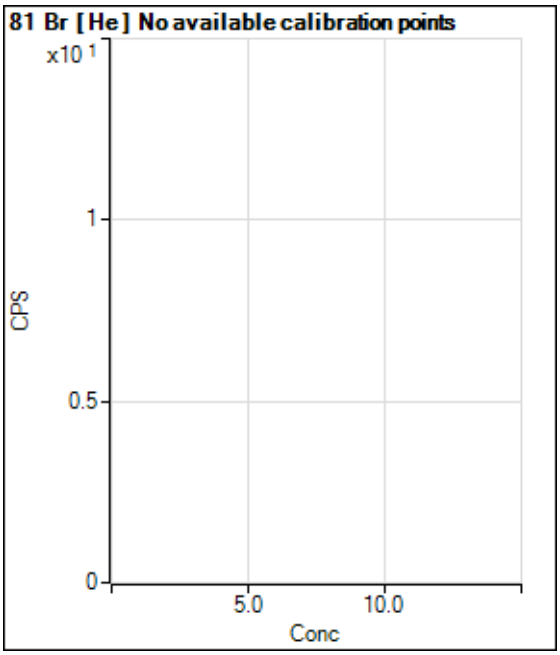


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5732.29		P	1.6
2	☐			5728.94		P	1.8
3	☐			5292.12		P	2.6
4	☐			5504.40		P	3.7
5	☐			5493.29		P	2.2
6	☐			5572.22		P	0.9
7	☐			5546.65		P	5.0
8	☐			6053.52		P	1.0



	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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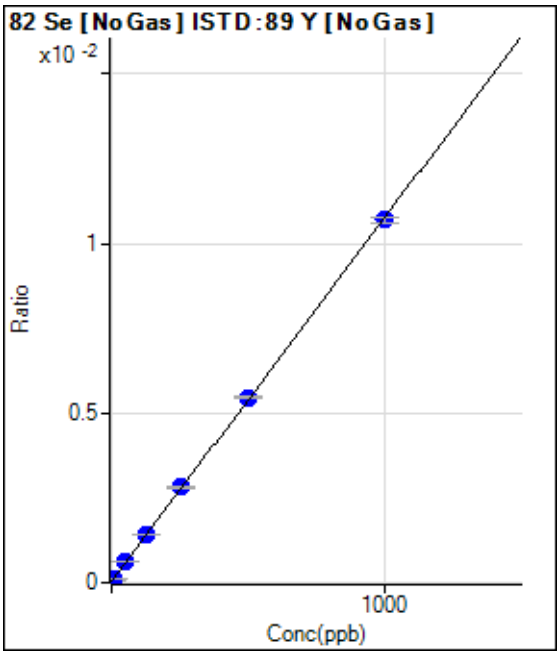


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	363.01	0.0000	P	14.2
2	☐	5.000	4.738	822.92	0.0001	P	3.5
3	☐	50.000	53.916	5569.88	0.0006	P	1.5
4	☐	125.000	128.393	13162.32	0.0014	P	1.9
5	☐	250.000	259.228	26510.96	0.0028	P	2.2
6	☐	500.000	504.613	52213.15	0.0054	P	1.0
7	☐	1000.000	994.768	101915.56	0.0107	P	1.3
8	☐			412.40	0.0000	P	2.9

y = 1.0713E-005 * x + 3.9063E-005

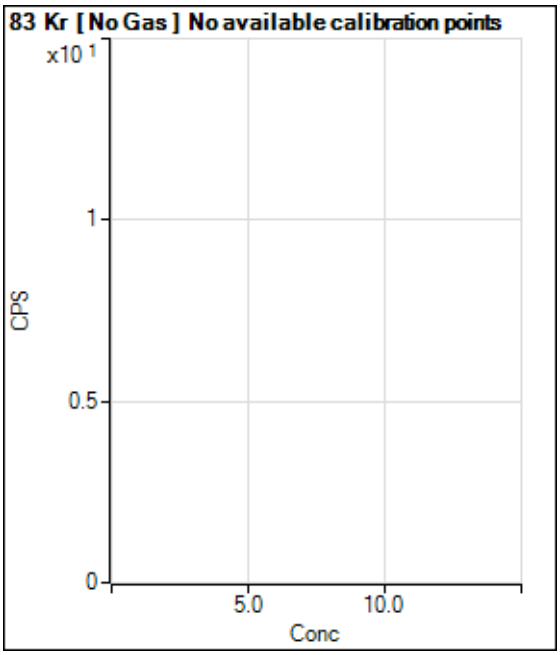
R = 0.9999

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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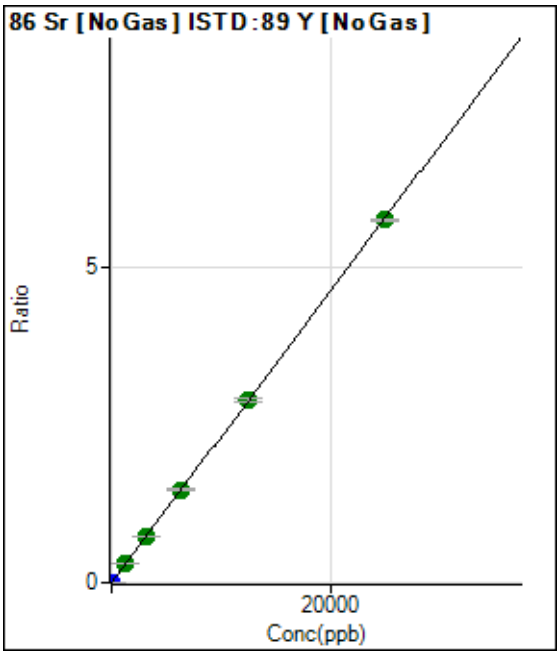
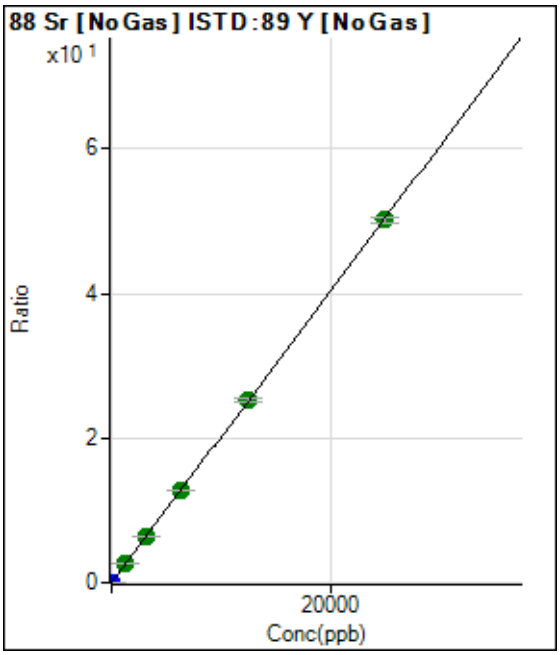


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	400.01	0.0000	P	11.1
2	☐	1.000	1.009	2526.91	0.0003	P	1.7
3	☐	1250.000	1292.566	2694305.36	0.2982	A	0.9
4	☐	3125.000	3166.141	6797677.19	0.7305	A	1.3
5	☐	6250.000	6385.503	13870285.49	1.4732	A	1.1
6	☐	12500.000	12555.848	27777968.47	2.8967	A	1.1
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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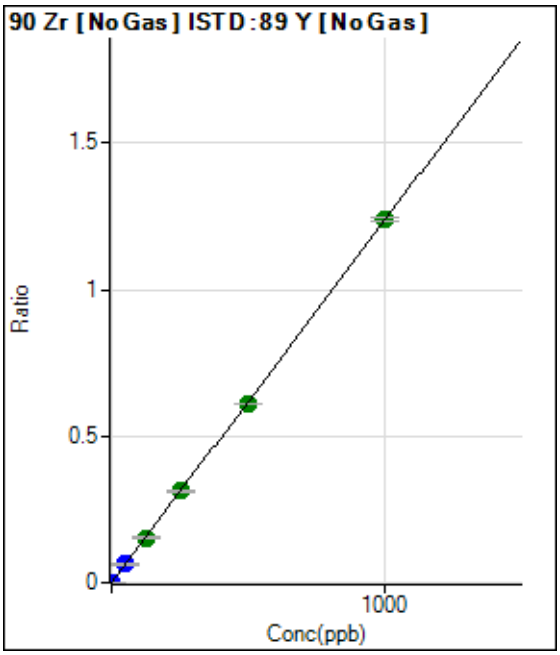
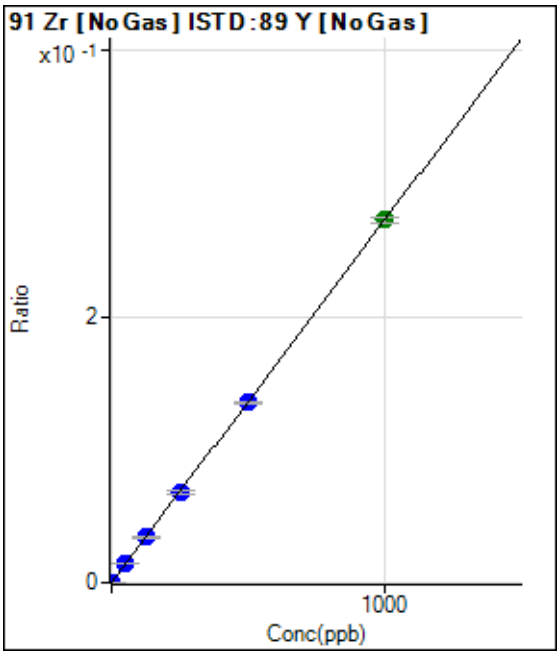


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	360.01	0.0000	P	4.5
2	☐	1.000	0.936	10950.85	0.0012	P	3.0
3	☐	50.000	50.506	564187.38	0.0625	P	1.8
4	☐	125.000	124.670	1434401.35	0.1541	A	1.0
5	☐	250.000	252.728	2941255.44	0.3124	A	1.8
6	☐	500.000	495.040	5867763.04	0.6119	A	0.4
7	☐	1000.000	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

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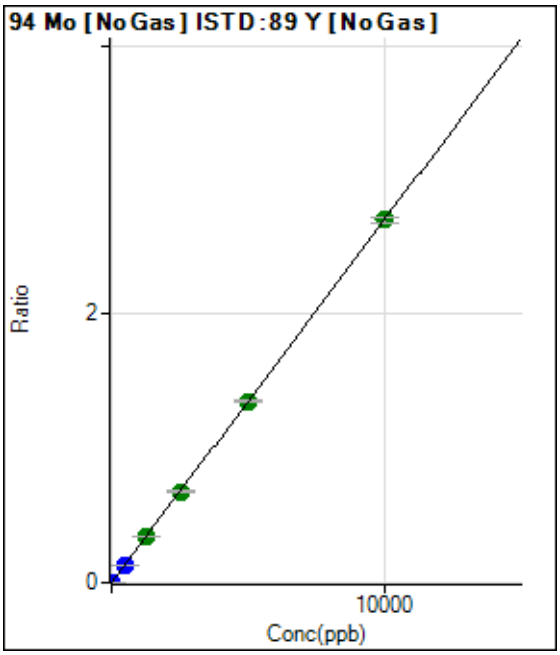
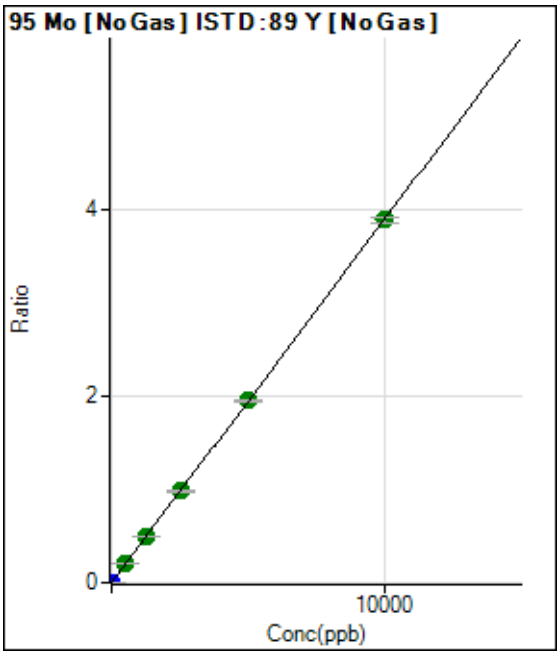


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	168.89	0.0000	P	8.7
2	☐	5.000	5.059	12693.38	0.0014	P	0.8
3	☐	500.000	500.648	1222580.48	0.1353	P	0.9
4	☐	1250.000	1276.372	3210642.38	0.3450	A	2.1
5	☐	2500.000	2503.127	6370021.92	0.6766	A	1.5
6	☐	5000.000	4998.772	12956309.67	1.3511	A	0.6
7	☐	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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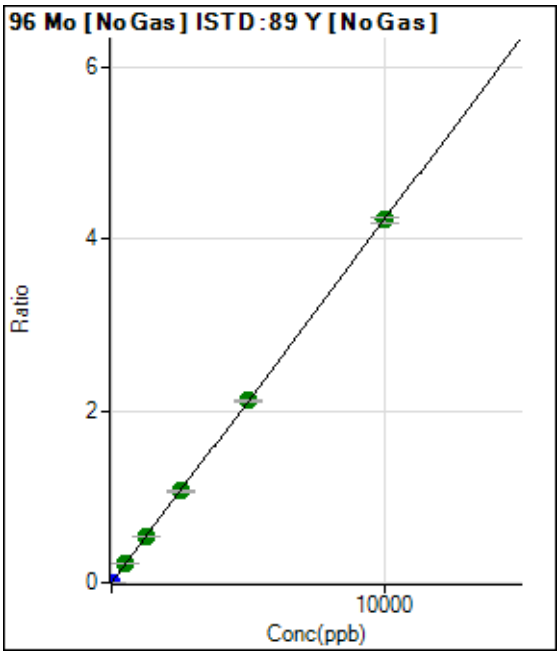
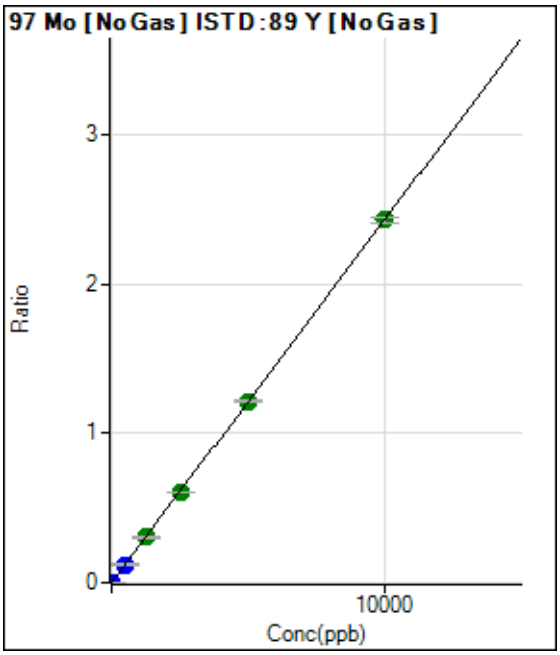


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0000	P	15.3
2	☐	5.000	4.348	16974.39	0.0019	P	2.1
3	☐	500.000	511.038	1953193.75	0.2162	A	0.7
4	☐	1250.000	1260.463	4962523.74	0.5333	A	1.5
5	☐	2500.000	2518.929	10033536.24	1.0657	A	0.7
6	☐	5000.000	5007.659	20316370.81	2.1186	A	0.8
7	☐	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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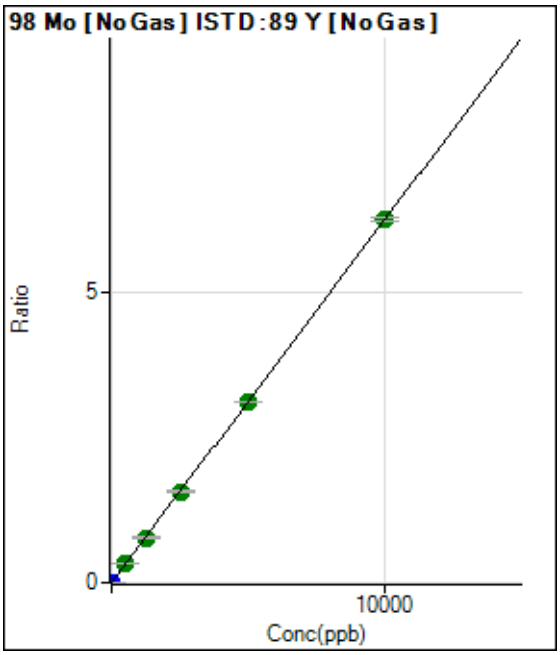
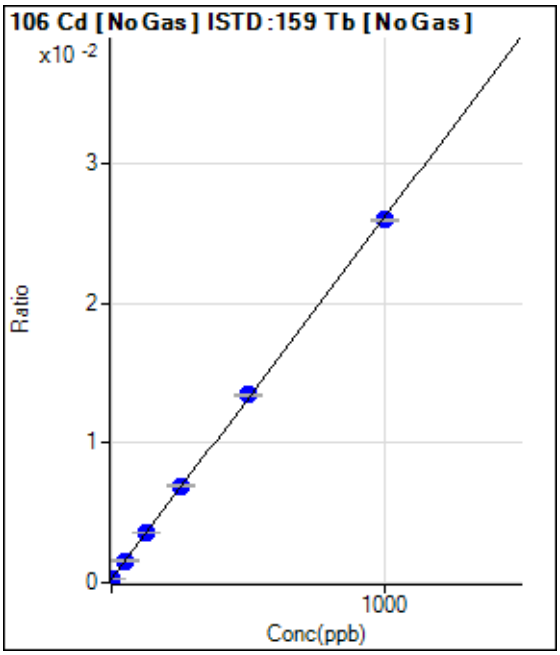


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	18.9
2	☐	5.000	4.244	24349.25	0.0027	P	1.9
3	☐	500.000	512.323	2890203.71	0.3200	A	3.3
4	☐	1250.000	1242.201	7220469.47	0.7758	A	1.4
5	☐	2500.000	2512.195	14772615.47	1.5690	A	0.5
6	☐	5000.000	4985.696	29859953.72	3.1138	A	0.8
7	☐	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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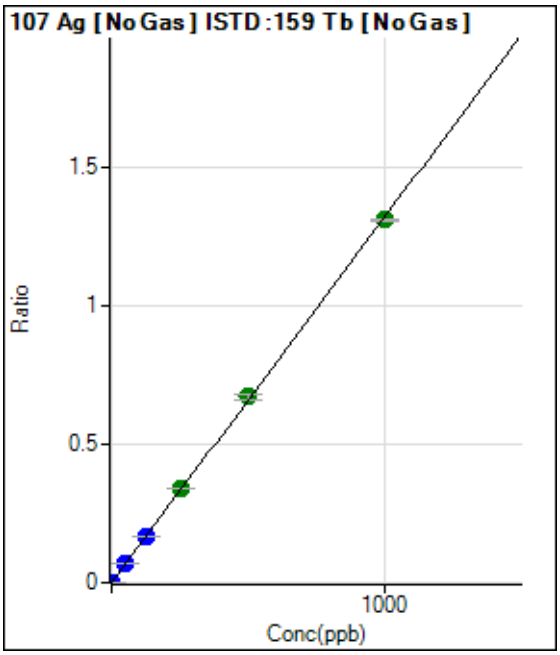
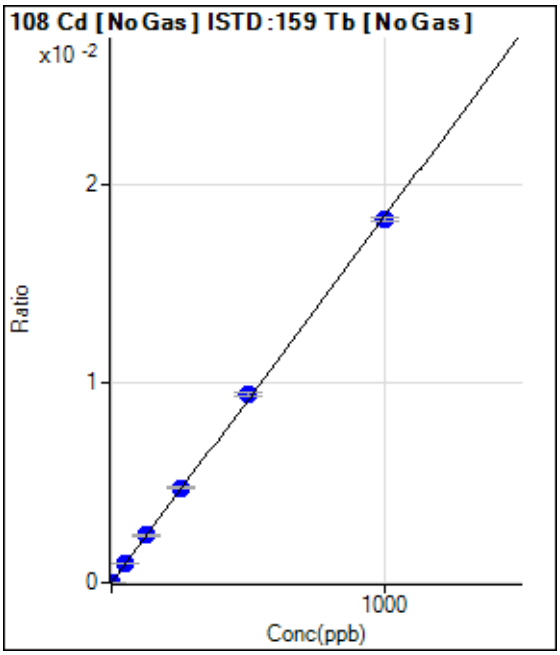


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	37.0
2	☐	1.000	0.895	6850.57	0.0012	P	1.3
3	☐	50.000	51.067	384133.07	0.0675	P	1.5
4	☐	125.000	125.820	969495.26	0.1663	P	1.3
5	☐	250.000	257.564	2026005.91	0.3404	A	1.7
6	☐	500.000	509.564	4066200.91	0.6734	A	2.9
7	☐	1000.000	993.171	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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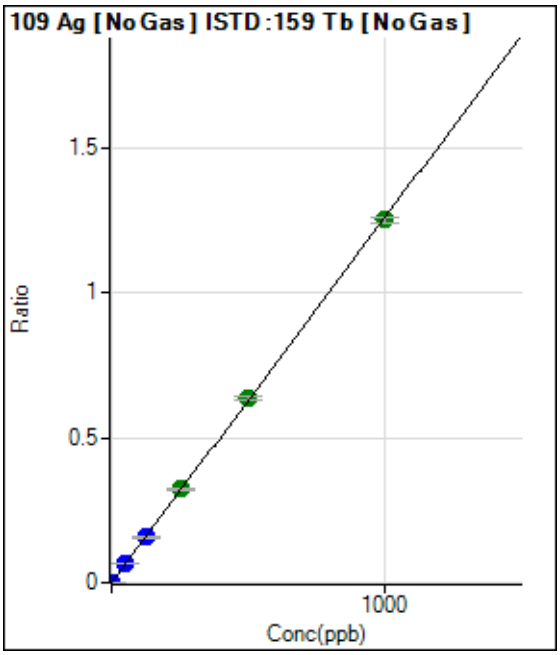
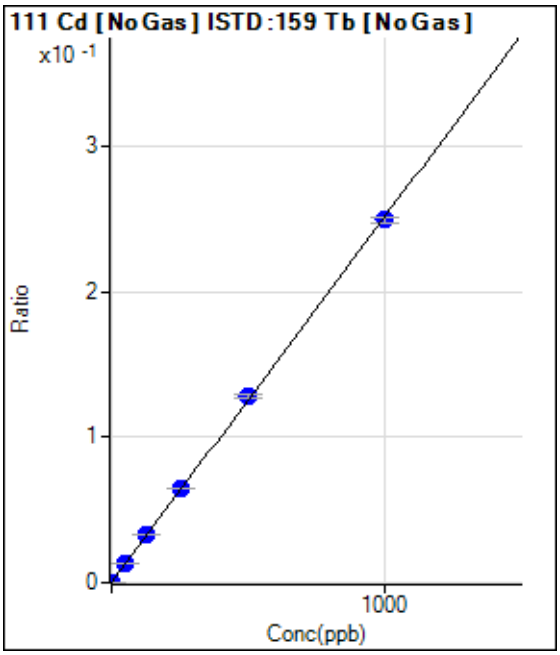


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.66	0.0000	P	56.3
2	☐	1.000	0.901	6529.31	0.0011	P	3.5
3	☐	50.000	50.449	361247.60	0.0635	P	0.7
4	☐	125.000	124.832	915531.34	0.1570	P	1.6
5	☐	250.000	256.458	1920091.00	0.3226	A	2.3
6	☐	500.000	506.739	3849020.50	0.6374	A	1.5
7	☐	1000.000	995.015	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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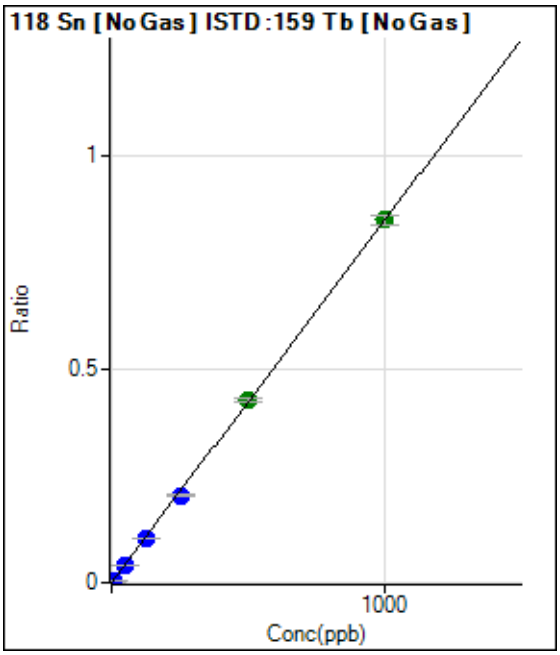
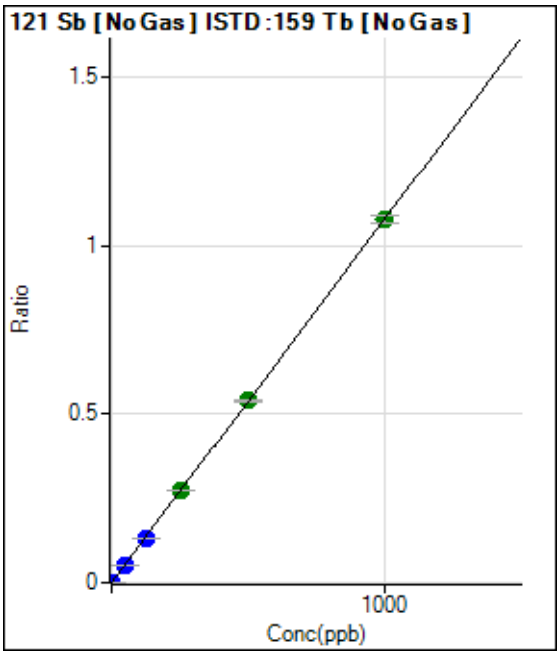


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1274.52	0.0002	P	1.6
2	☐	5.000	4.502	23225.48	0.0040	P	1.3
3	☐	50.000	49.168	239065.97	0.0420	P	1.4
4	☐	125.000	121.408	602746.28	0.1034	P	1.3
5	☐	250.000	239.740	1213791.57	0.2039	P	1.5
6	☐	500.000	502.301	2578468.54	0.4270	A	2.1
7	☐	1000.000	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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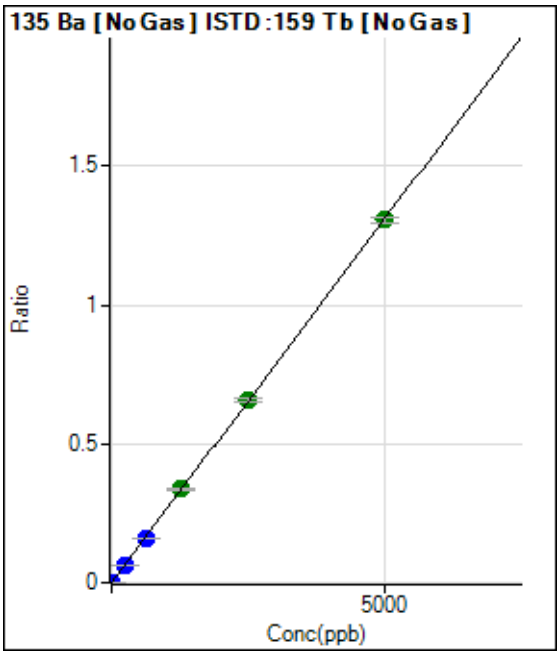

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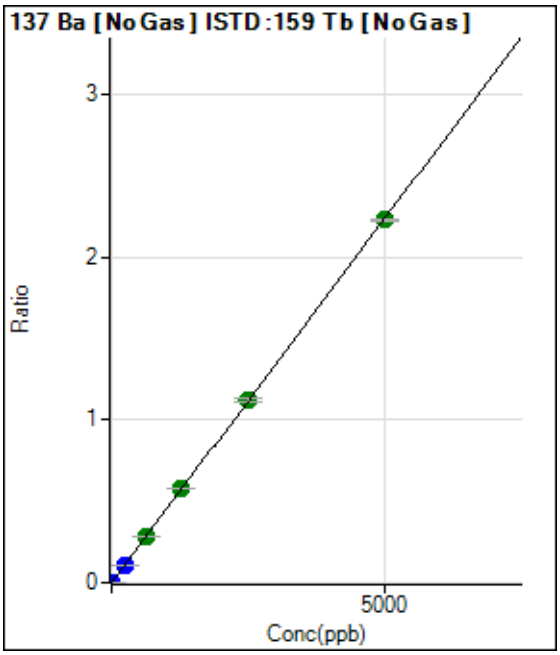
1	☐	0.000	0.000	58.89	0.0000	P	16.3
2	☐	10.000	8.784	13266.25	0.0023	P	1.6
3	☐	250.000	243.227	362582.56	0.0637	P	2.7
4	☐	625.000	600.051	916373.67	0.1572	P	0.9
5	☐	1250.000	1282.881	2000021.43	0.3360	A	0.9
6	☐	2500.000	2511.825	3972823.03	0.6579	A	1.3
7	☐	5000.000	4989.327	7935186.69	1.3068	A	1.3
8	☐			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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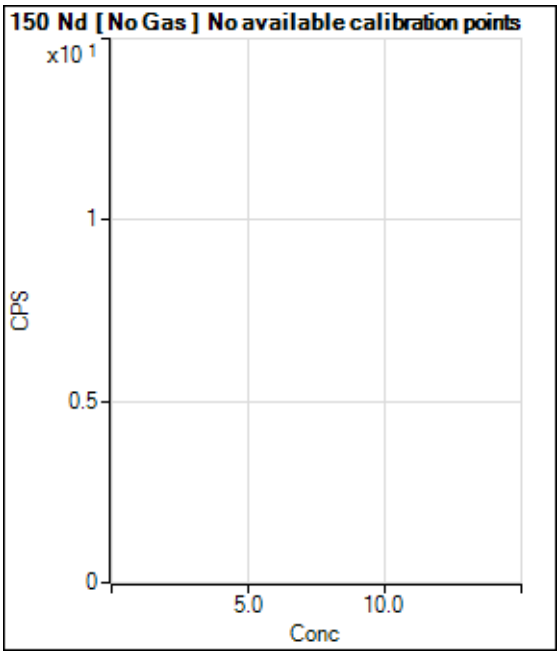
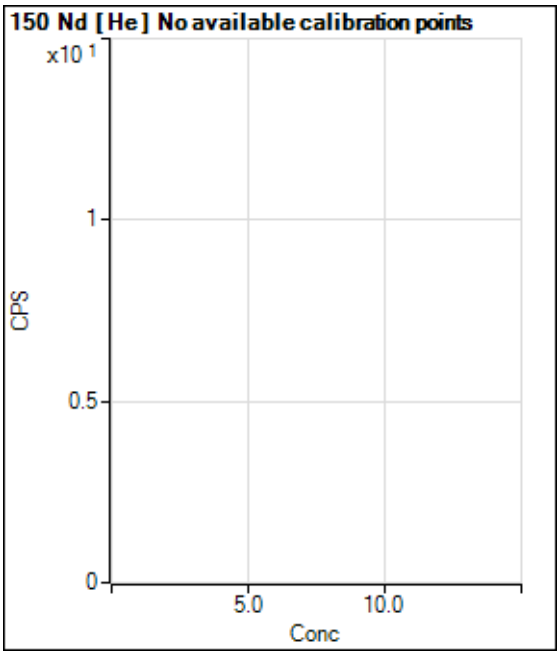


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	43.3
2	☐			14.44		P	13.4
3	☐			31.11		P	6.2
4	☐			41.11		P	28.5
5	☐			71.11		P	10.8
6	☐			142.22		P	23.5
7	☐			256.67		P	4.7
8	☐			111.11		P	22.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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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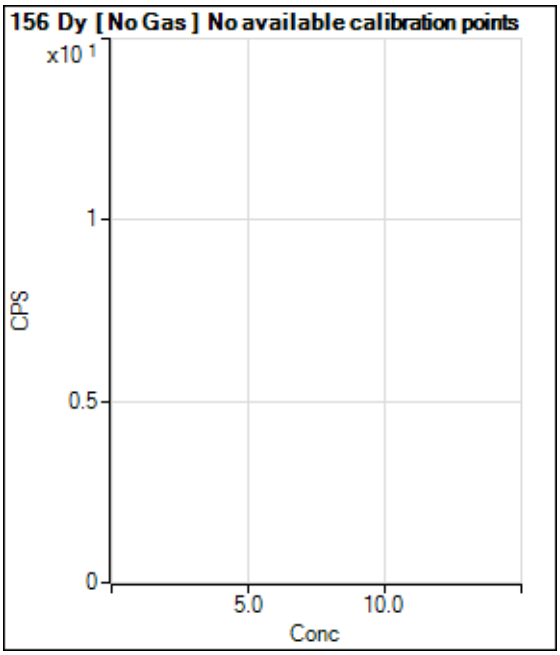
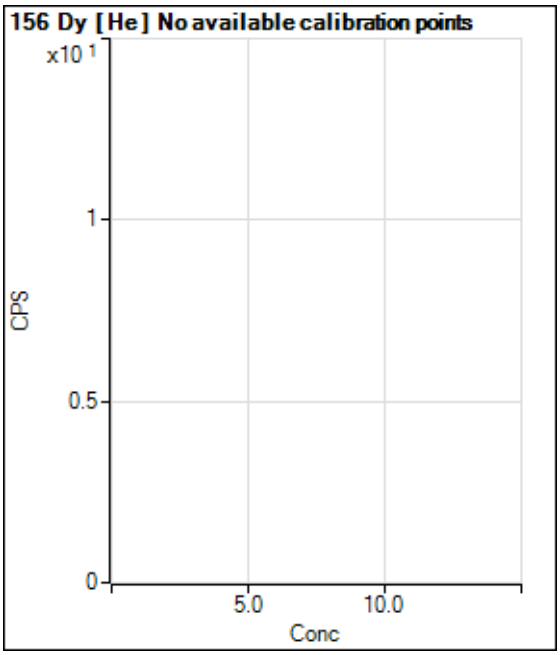


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			73.34		P	31.5
2	☐			64.44		P	28.5
3	☐			78.89		P	21.7
4	☐			153.34		P	10.0
5	☐			78.89		P	14.8
6	☐			123.34		P	7.1
7	☐			181.11		P	24.7
8	☐			236.67		P	7.5



	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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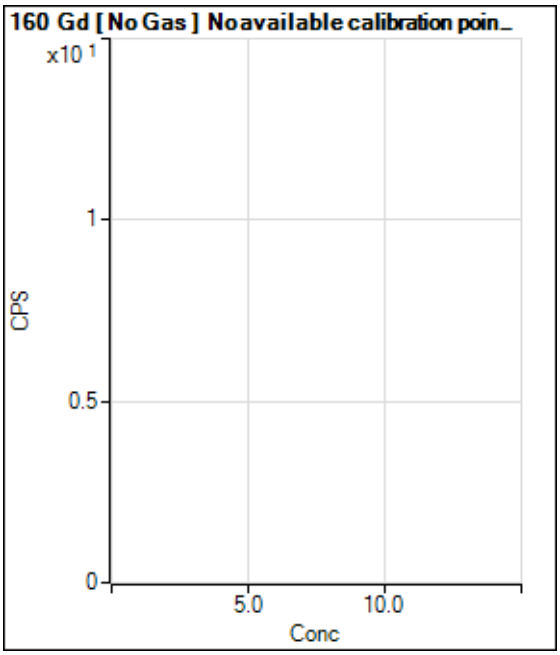
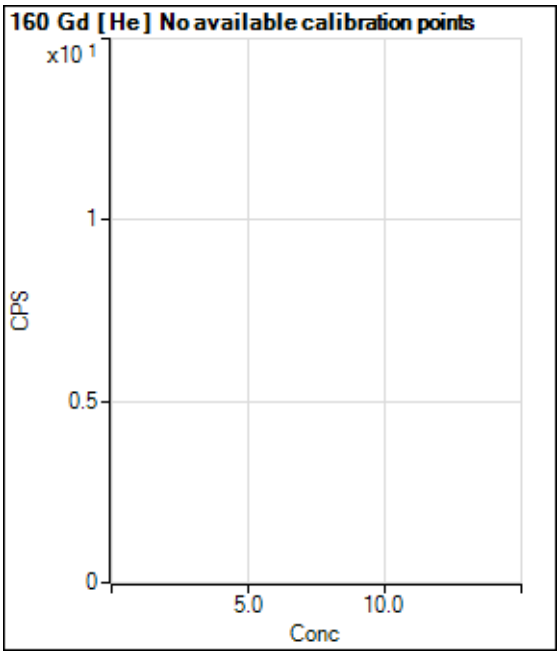


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			26.66		P	21.7
2	☐			27.78		P	60.4
3	☐			45.56		P	63.1
4	☐			31.11		P	37.6
5	☐			47.78		P	8.1
6	☐			42.22		P	4.6
7	☐			98.89		P	13.6
8	☐			184.45		P	8.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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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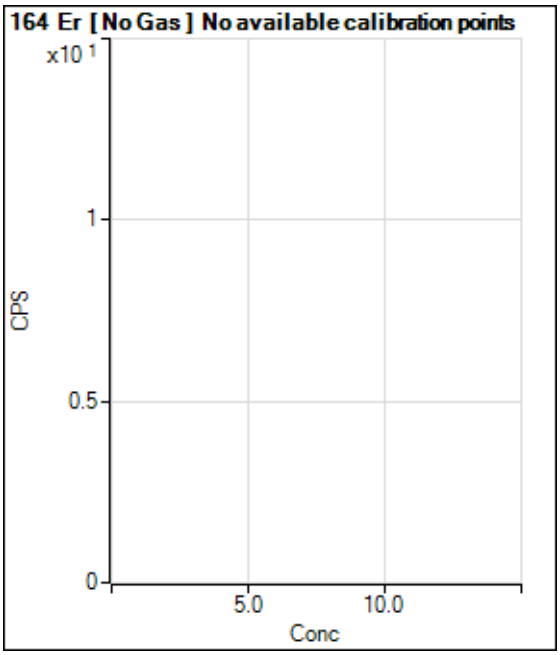
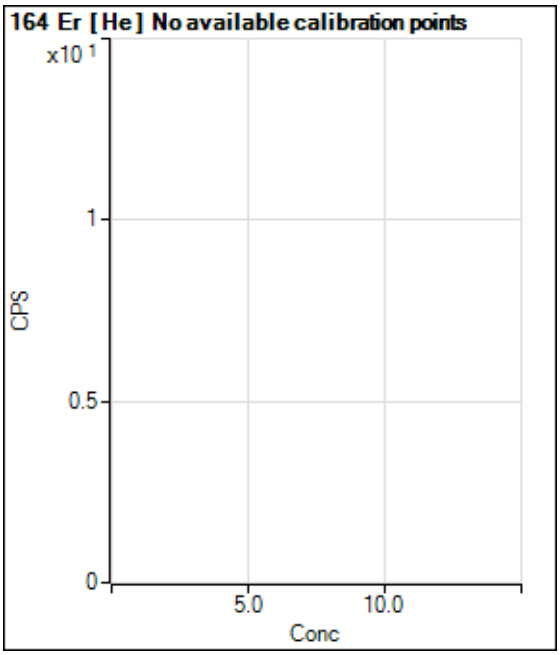


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			53.33		P	43.7
2	☐			48.89		P	19.7
3	☐			35.55		P	10.8
4	☐			65.55		P	46.1
5	☐			58.89		P	25.5
6	☐			68.89		P	2.8
7	☐			110.00		P	21.2
8	☐			230.00		P	15.3



	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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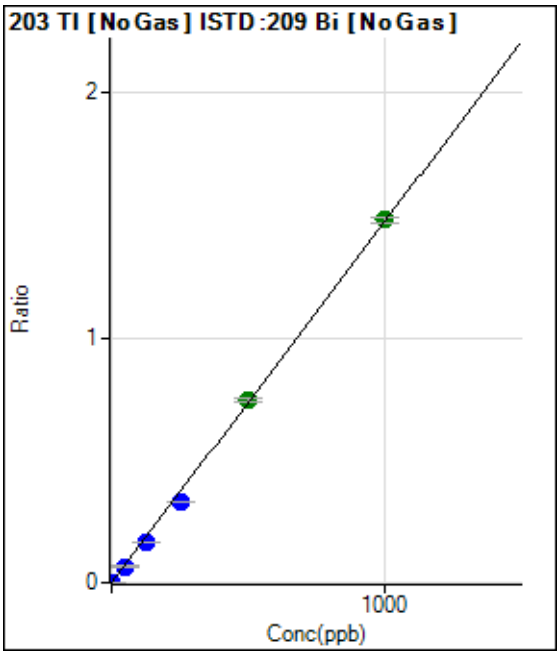
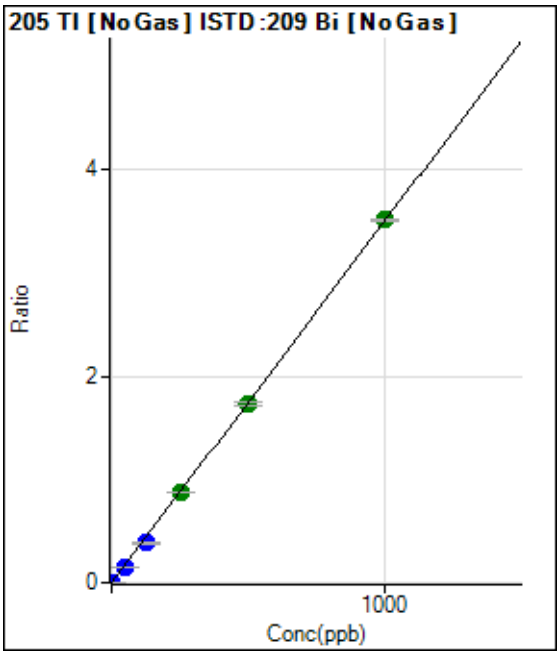


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	101.11	0.0000	P	27.7
2	☐	1.000	0.852	4057.32	0.0013	P	3.6
3	☐	50.000	45.267	209448.79	0.0666	P	1.8
4	☐	125.000	111.612	534617.50	0.1643	P	1.7
5	☐	250.000	223.939	1096456.15	0.3296	P	0.6
6	☐	500.000	504.595	2533350.10	0.7425	A	2.1
7	☐	1000.000	1006.128	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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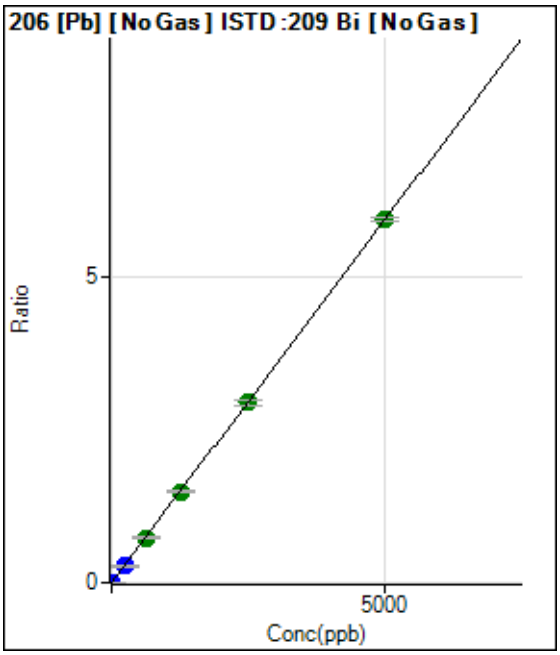
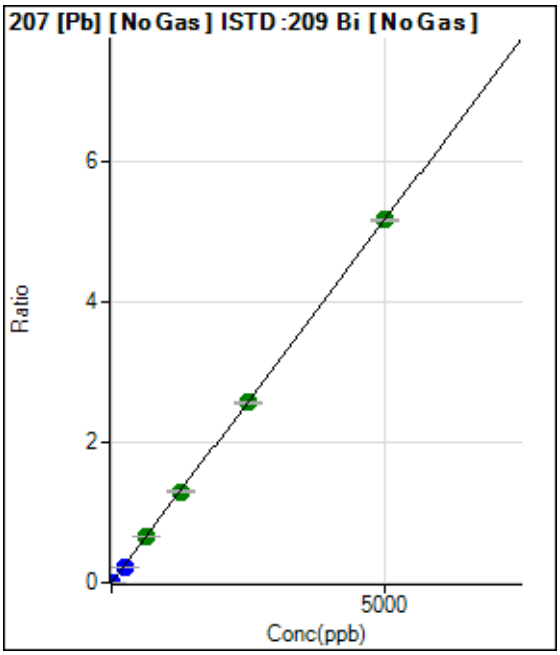


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.89	0.0001	P	8.2
2	☐	1.000	0.838	3337.11	0.0011	P	4.9
3	☐	250.000	225.714	839726.22	0.2673	P	3.7
4	☐	625.000	617.318	2378562.25	0.7309	A	3.0
5	☐	1250.000	1257.498	4952649.51	1.4887	A	1.2
6	☐	2500.000	2487.643	10047246.72	2.9450	A	2.8
7	☐	5000.000	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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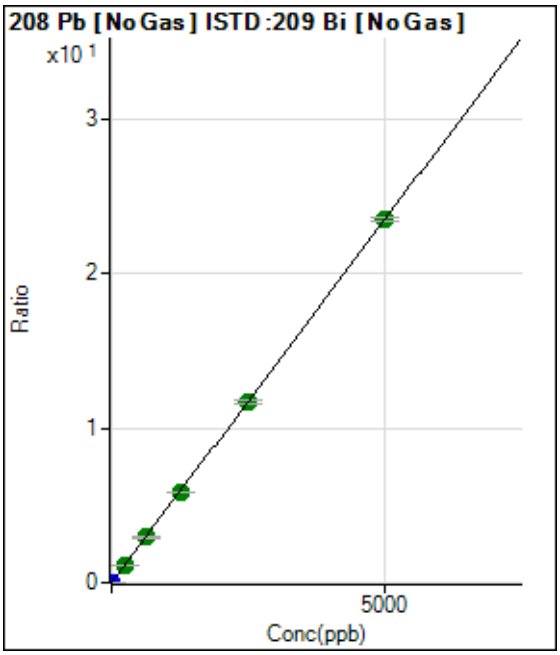
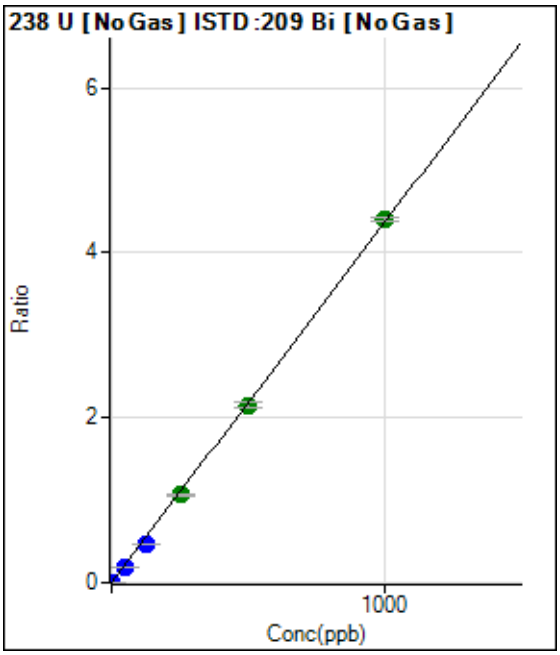


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	856.68	0.0003	P	7.5
2	☐	1.000	0.824	13064.80	0.0041	P	3.8
3	☐	250.000	238.299	3521120.76	1.1203	A	2.2
4	☐	625.000	624.344	9551299.96	2.9349	A	2.0
5	☐	1250.000	1253.906	19608645.43	5.8940	A	0.7
6	☐	2500.000	2497.366	40049082.67	11.7386	A	1.9
7	☐	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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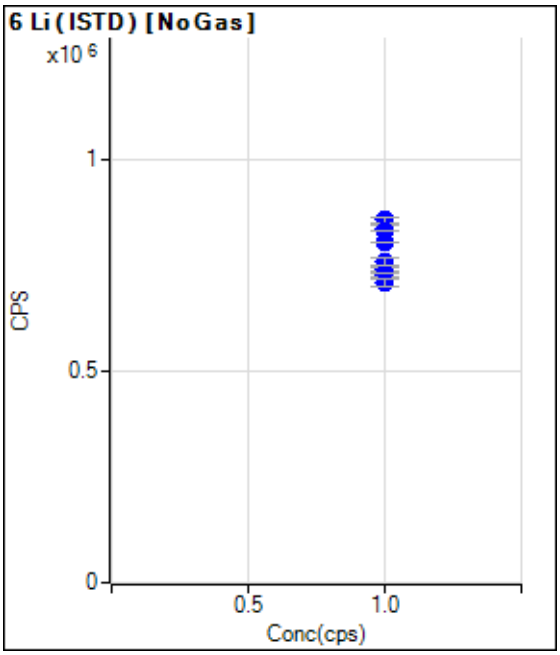
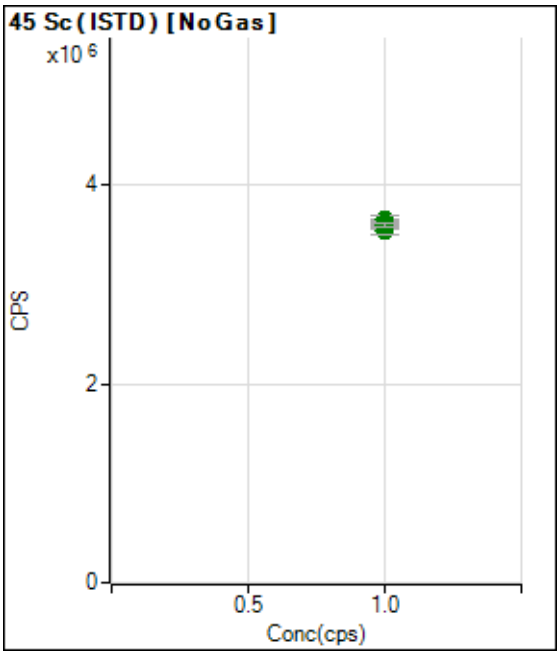


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		741030.72		P	1.7
2	☐	1.000		725825.75		P	1.2
3	☐	1.000		710659.51		P	2.5
4	☐	1.000		758616.68		P	2.1
5	☐	1.000		805663.32		P	0.1
6	☐	1.000		838205.50		P	2.0
7	☐	1.000		857711.93		P	1.5
8	☐	1.000		833334.85		P	0.0



	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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On:10/28/2024 7:23:46 PM
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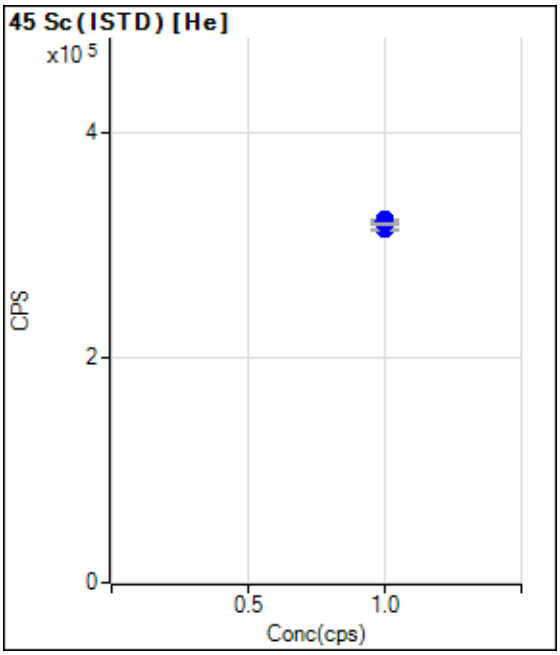

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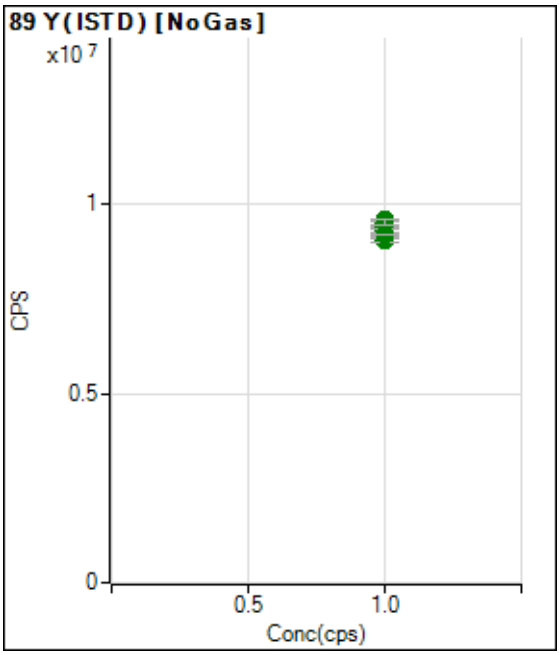
1	☐	1.000		321495.70		P	0.7
2	☐	1.000		321823.94		P	0.6
3	☐	1.000		318590.42		P	0.7
4	☐	1.000		320990.81		P	0.1
5	☐	1.000		318801.61		P	0.1
6	☐	1.000		320596.35		P	1.5
7	☐	1.000		313392.26		P	0.7
8	☐	1.000		318214.52		P	0.5



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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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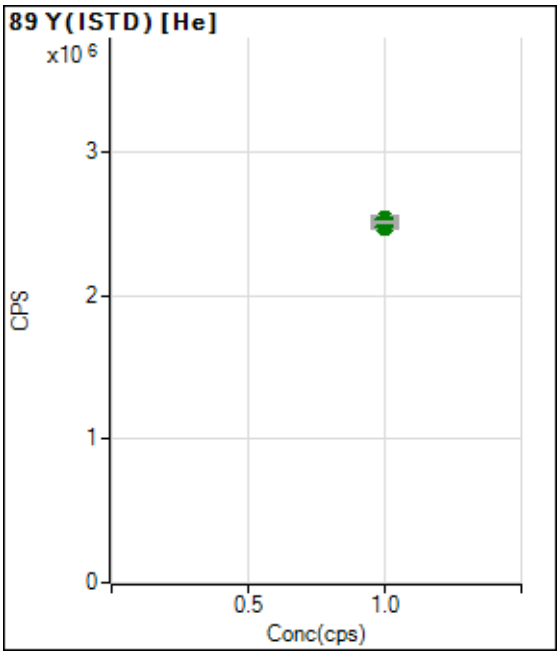

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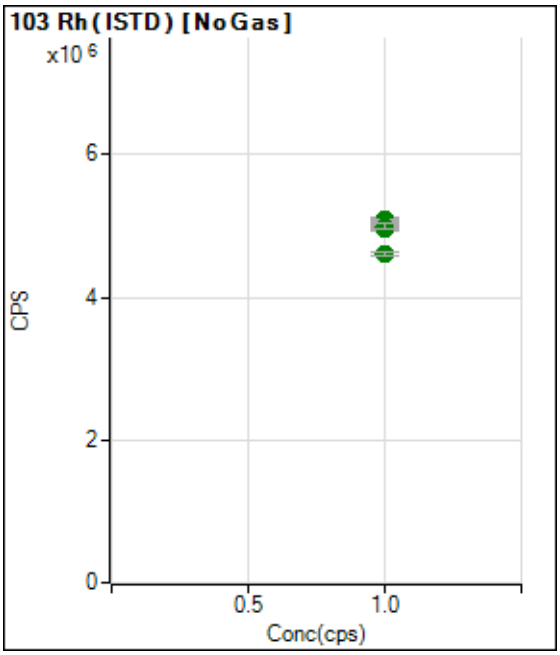
2	☐	1.000		2510024.32		A	0.8
3	☐	1.000		2497113.14		A	1.7
4	☐	1.000		2523631.06		A	1.2
5	☐	1.000		2523669.09		A	0.7
6	☐	1.000		2524788.50		A	2.3
7	☐	1.000		2472872.08		A	1.0
8	☐	1.000		2506519.41		A	0.7



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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

Reviewed By:Mohan
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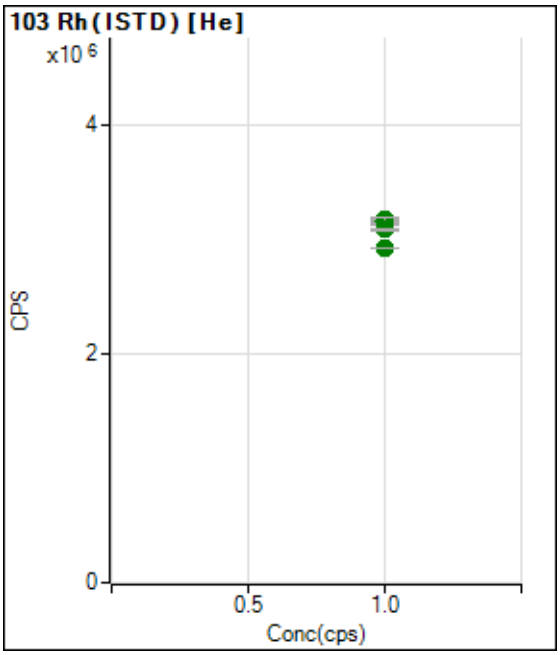

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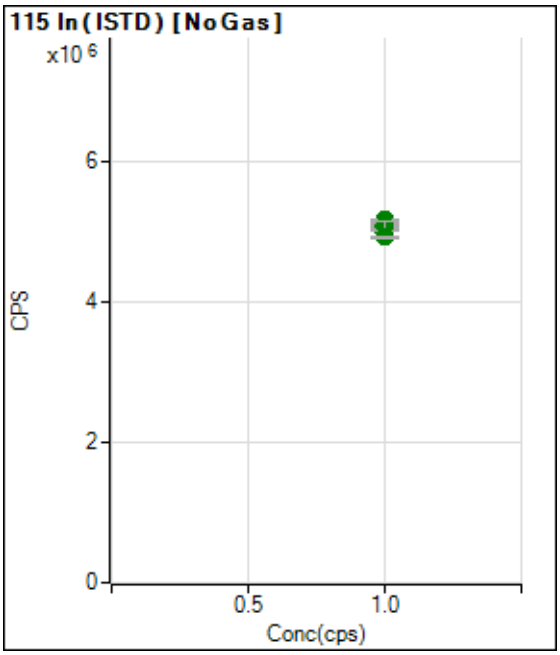
3	☐	1.000		3138086.93		A	0.9
4	☐	1.000		3156415.65		A	0.5
5	☐	1.000		3164989.26		A	0.6
6	☐	1.000		3161486.17		A	1.9
7	☐	1.000		3086843.88		A	0.4
8	☐	1.000		2926576.10		A	0.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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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
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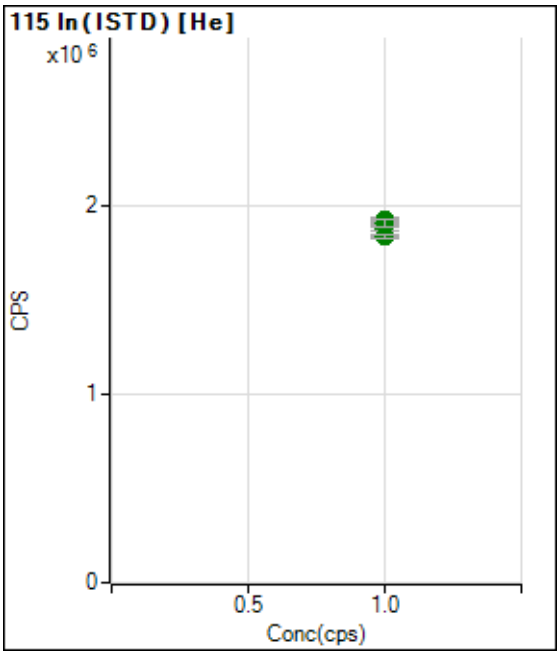

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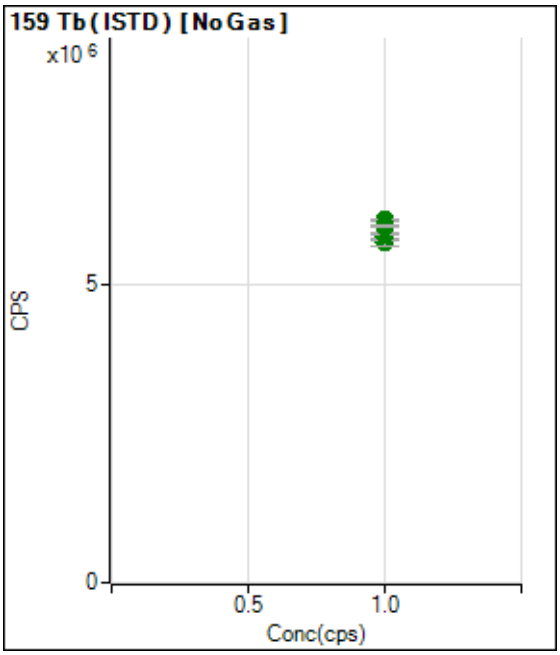
1	☐	1.000		1889627.05		A	0.3
2	☐	1.000		1909404.20		A	1.5
3	☐	1.000		1873673.11		A	1.1
4	☐	1.000		1921914.95		A	1.2
5	☐	1.000		1911564.49		A	0.3
6	☐	1.000		1906276.77		A	1.8
7	☐	1.000		1835720.04		A	0.7
8	☐	1.000		1834287.00		A	0.9



	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
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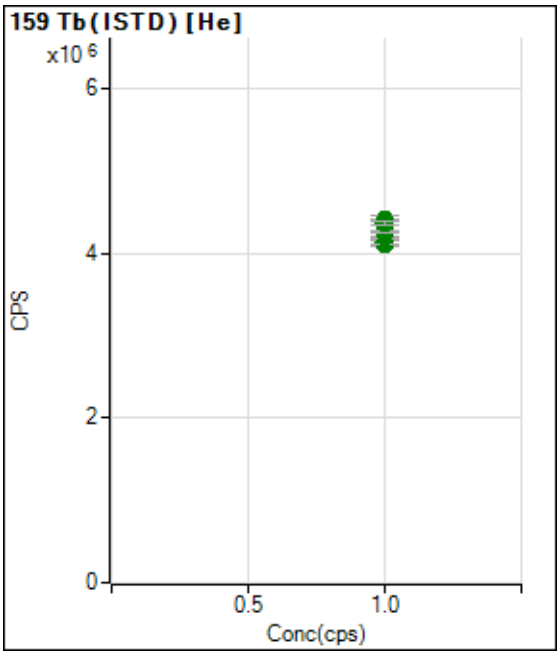
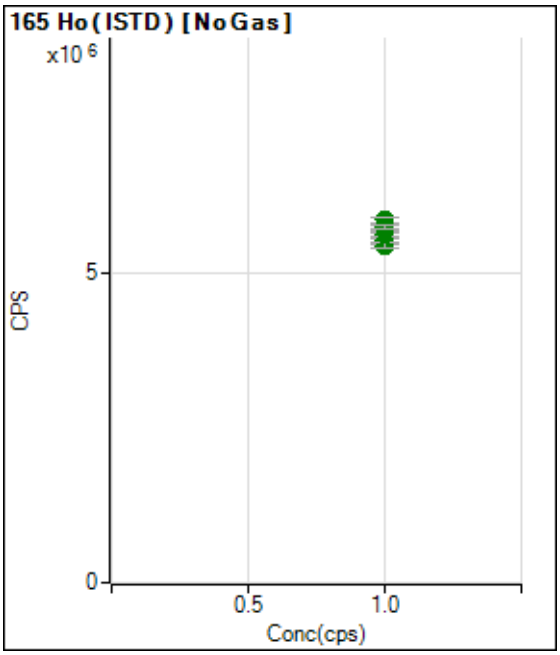


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4100690.25		A	0.3
2	☐	1.000		4128123.41		A	0.8
3	☐	1.000		4122183.62		A	1.1
4	☐	1.000		4197197.68		A	0.5
5	☐	1.000		4254135.77		A	0.6
6	☐	1.000		4403525.59		A	2.5
7	☐	1.000		4386914.28		A	1.6
8	☐	1.000		4363136.32		A	1.5



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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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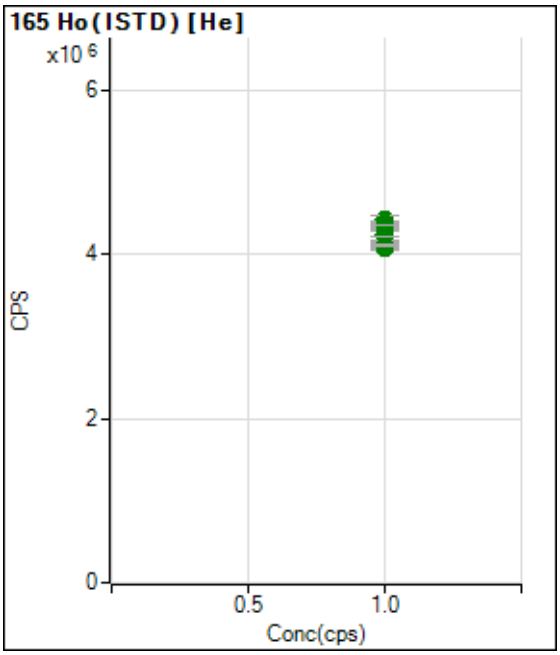

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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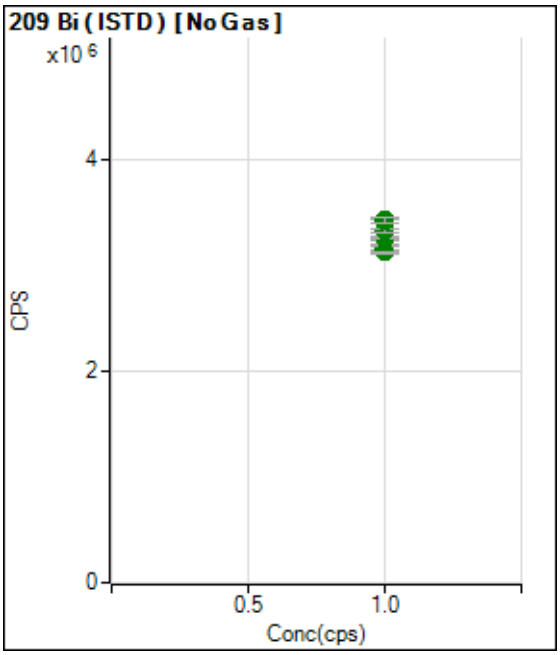
2	☐	1.000		4154323.27		A	0.6
3	☐	1.000		4114252.85		A	0.9
4	☐	1.000		4254747.12		A	1.2
5	☐	1.000		4335917.44		A	0.6
6	☐	1.000		4424128.27		A	2.4
7	☐	1.000		4395228.72		A	0.5
8	☐	1.000		4363279.21		A	0.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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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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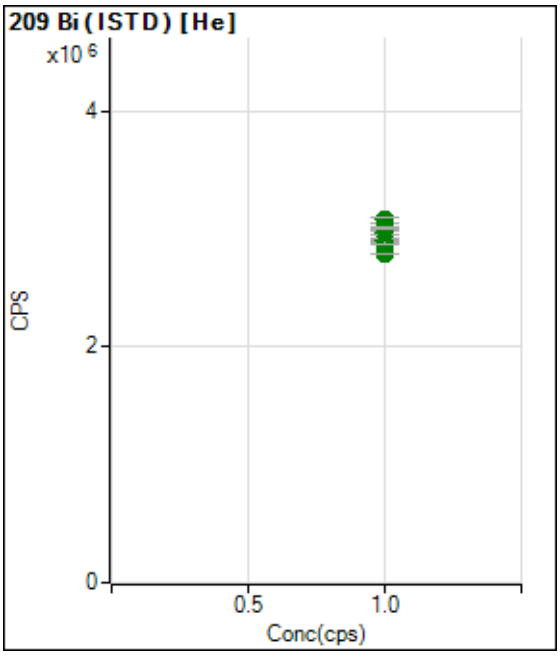

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2	☐	1.000		2875850.65		A	0.6
3	☐	1.000		2896607.21		A	1.3
4	☐	1.000		2975755.23		A	1.4
5	☐	1.000		3000875.30		A	1.0
6	☐	1.000		3077664.64		A	1.9
7	☐	1.000		3015346.59		A	0.5
8	☐	1.000		2789790.96		A	0.4

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	

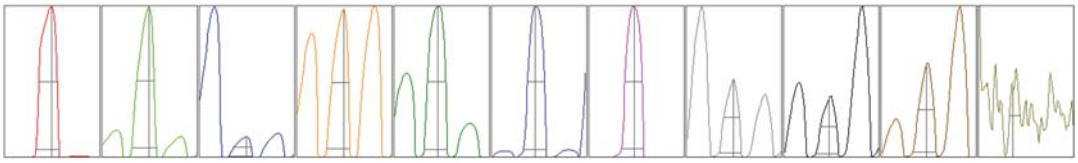
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	6655	6618	6605	6574	6526
24	202023	200858	203369	205719	203463
25	26922	27151	27045	27330	27278
26	32055	32214	32225	32367	32226
59	50605	50829	50550	50799	50425
113	3272	3250	3250	3262	3208
115	73916	73136	73323	73380	72573
206	11991	11721	11640	11719	11572
207	9909	9739	9701	9683	9649
208	24152	23603	23701	23683	23559

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	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

US EPA Tune Check Report

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7
ClientSampleId :TUNE003

Extract 2	-250.0 V	Cell Entrance	-40 V	Plate Bias	-60
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
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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	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
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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
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

Reviewed By:Mohan
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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
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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
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

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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
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

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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

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	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

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	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

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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
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

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	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

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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
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

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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

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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

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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
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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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
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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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
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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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
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

Reviewed By:Mohan
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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

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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

Reviewed By:Mohan
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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

Reviewed By:Mohan
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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

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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

Reviewed By:Mohan
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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

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
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

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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

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	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

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	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

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	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

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
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
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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
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

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	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

Reviewed By:Mohan
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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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

Reviewed By:Mohan
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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

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
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

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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
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

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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

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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

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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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

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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

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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

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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

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	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

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	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

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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

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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
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
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

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
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

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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
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

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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
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

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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

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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

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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
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

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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

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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

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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
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

Reviewed By:Mohan
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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

Reviewed By:Mohan
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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

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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

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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

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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

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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

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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
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

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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
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

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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

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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

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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

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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

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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
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

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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
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

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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

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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

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	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

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
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

Reviewed By:Mohan
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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
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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
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

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	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

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	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

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
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

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	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

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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

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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
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

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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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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

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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

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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
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

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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

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
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

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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

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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

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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
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

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-07	Instrumnet Name :	P7
Client Sample ID :	MYDB48	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:49:15	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35313.39	35561.23	35541.42	35472.01	0.39	ppb
Antimony	121-1	1.23	1.27	1.31	1.27	2.98	ppb
Arsenic	75-2	75.65	75.18	75.66	75.50	0.36	ppb
Barium	135-1	231.74	232.20	240.47	234.80	2.09	ppb
Barium	137-1	237.14	245.82	251.73	244.90	3.00	ppb
Beryllium	9-1	1.40	1.41	1.50	1.44	3.84	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.60	1.40	1.17	1.39	15.37	ppb
Cadmium	106-1	1.52	1.65	2.49	1.89	27.94	ppb
Cadmium	111-1	0.99	1.04	1.10	1.04	5.41	ppb
Calcium	43-1	12565.75	12978.52	13316.93	12953.73	2.90	ppb
Calcium	44-1	12159.33	12329.91	12708.89	12399.38	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.07	37.28	37.59	37.31	0.70	ppb
Cobalt	59-2	30.82	30.62	30.35	30.60	0.77	ppb
Copper	63-2	91.32	91.47	89.85	90.88	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				103		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	81938.55	82937.74	81528.32	82134.87	0.88	ppb
Iron	57-2	81189.33	82475.94	81070.12	81578.47	0.96	ppb
Iron	54-2	82275.34	82975.54	81878.91	82376.60	0.67	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-07	Instrumnet Name :	P7
Client Sample ID :	MYDB48	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:49:15	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.45	53.55	54.25	53.75	0.80	ppb
Lead	207-1	56.25	56.42	56.86	56.51	0.56	ppb
Lead	208-1	53.84	55.09	55.64	54.86	1.69	ppb
Lithium	6-1				84		%
Magnesium	24-2	15092.17	15203.93	15074.51	15123.53	0.46	ppb
Manganese	55-2	1333.45	1328.18	1330.00	1330.54	0.20	ppb
Molybdenum	94-1	14.68	15.14	15.29	15.04	2.13	ppb
Molybdenum	95-1	0.85	0.81	0.81	0.82	3.04	ppb
Molybdenum	96-1	2.76	2.90	2.88	2.85	2.62	ppb
Molybdenum	97-1	0.78	0.83	0.87	0.83	5.44	ppb
Molybdenum	98-1	0.80	0.82	0.79	0.80	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.31	38.68	38.09	38.69	1.58	ppb
Phosphorus	31-2	1939.13	2007.83	2031.31	1992.76	2.40	ppb
Potassium	39-2	5070.01	4976.72	4932.26	4993.00	1.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	-0.50	0.68	0.41	0.20	315.50	ppb
Selenium	77-2	11.40	9.52	10.94	10.62	9.26	ppb
Selenium	78-2	1.32	1.09	2.20	1.54	37.95	ppb
Silicon	28-1	834.65	792.04	814.06	813.58	2.62	ppb
Silver	107-1	0.28	0.24	0.25	0.26	8.55	ppb
Silver	109-1	0.28	0.28	0.26	0.27	4.66	ppb
Sodium	23-2	198.47	202.80	199.21	200.16	1.16	ppb
Strontium	86-1	63.40	64.27	63.02	63.56	1.01	ppb
Strontium	88-1	61.80	64.58	65.24	63.87	2.86	ppb
Sulfur	34-1	-3067.95	-3300.34	-3444.77	-3271.02		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.22	0.24	0.24	5.70	ppb
Thallium	205-1	0.22	0.24	0.23	0.23	3.90	ppb
Tin	118-1	3.02	2.99	3.17	3.06	3.01	ppb
Titanium	47-1	1026.77	1000.85	1016.05	1014.56	1.28	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-07	Instrumnet Name :	P7
Client Sample ID :	MYDB48	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:49:15	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.73	0.72	0.71	2.56	ppb
Vanadium	51-2	158.97	159.12	157.69	158.59	0.50	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	284.01	283.71	286.47	284.73	0.53	ppb
Zirconium	90-1	8.47	8.60	8.68	8.58	1.20	ppb
Zirconium	91-1	8.75	9.16	8.92	8.94	2.26	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-08	Instrumnet Name :	P7
Client Sample ID :	MYDB49	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:53:07	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35779.49	36847.84	36253.26	36293.53	1.47	ppb
Antimony	121-1	3.47	2.91	3.61	3.33	11.25	ppb
Arsenic	75-2	112.77	105.24	106.28	108.10	3.78	ppb
Barium	135-1	535.02	451.32	536.22	507.52	9.59	ppb
Barium	137-1	520.80	442.32	548.90	504.01	10.96	ppb
Beryllium	9-1	1.63	1.20	1.51	1.45	15.62	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.71	1.71	2.13	1.85	13.15	ppb
Cadmium	106-1	1.71	0.61	2.16	1.50	53.38	ppb
Cadmium	111-1	1.76	1.31	1.75	1.61	16.11	ppb
Calcium	43-1	12482.83	10375.53	13207.56	12021.97	12.24	ppb
Calcium	44-1	12575.81	10708.63	12507.54	11930.66	8.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.65	45.99	45.99	45.88	0.43	ppb
Cobalt	59-2	34.61	34.59	35.33	34.85	1.21	ppb
Copper	63-2	102.45	102.55	103.44	102.81	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				110		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	81753.46	83558.47	83133.29	82815.07	1.14	ppb
Iron	57-2	80382.07	83101.04	81228.74	81570.62	1.71	ppb
Iron	54-2	81191.15	82193.18	84478.45	82620.93	2.04	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-08	Instrumnet Name :	P7
Client Sample ID :	MYDB49	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:53:07	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	72.26	59.71	75.23	69.07	11.93	ppb
Lead	207-1	71.60	59.28	77.82	69.56	13.56	ppb
Lead	208-1	70.89	58.82	76.91	68.87	13.38	ppb
Lithium	6-1				91		%
Magnesium	24-2	13012.05	12863.36	12831.93	12902.44	0.75	ppb
Manganese	55-2	2535.55	2567.91	2641.97	2581.81	2.11	ppb
Molybdenum	94-1	15.60	13.45	16.88	15.31	11.33	ppb
Molybdenum	95-1	2.23	2.01	2.24	2.16	6.01	ppb
Molybdenum	96-1	3.84	3.34	4.16	3.78	10.87	ppb
Molybdenum	97-1	2.14	1.81	2.27	2.07	11.32	ppb
Molybdenum	98-1	2.07	1.89	2.18	2.05	7.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.87	43.38	43.94	43.73	0.70	ppb
Phosphorus	31-2	2191.54	2211.74	2213.62	2205.63	0.56	ppb
Potassium	39-2	4820.28	4925.81	4990.15	4912.08	1.75	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	0.27	0.28	1.21	0.58	92.10	ppb
Selenium	77-2	14.29	14.91	17.11	15.44	9.60	ppb
Selenium	78-2	4.38	3.25	2.04	3.22	36.34	ppb
Silicon	28-1	1059.86	905.13	1107.44	1024.14	10.33	ppb
Silver	107-1	0.42	0.40	0.47	0.43	7.92	ppb
Silver	109-1	0.41	0.37	0.45	0.41	10.53	ppb
Sodium	23-2	229.50	232.91	237.56	233.32	1.73	ppb
Strontium	86-1	62.26	54.77	65.82	60.95	9.26	ppb
Strontium	88-1	62.68	53.64	70.24	62.19	13.37	ppb
Sulfur	34-1	-4293.66	-5283.71	-4469.16	-4682.18		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.53	0.49	0.60	0.54	10.81	ppb
Thallium	205-1	0.56	0.47	0.60	0.54	12.85	ppb
Tin	118-1	3.10	2.65	3.15	2.97	9.21	ppb
Titanium	47-1	904.45	755.62	953.20	871.09	11.82	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-08	Instrumnet Name :	P7
Client Sample ID :	MYDB49	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:53:07	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.55	0.76	0.65	15.56	ppb
Vanadium	51-2	152.39	153.76	153.76	153.30	0.52	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	378.21	380.48	378.48	379.06	0.33	ppb
Zirconium	90-1	8.43	7.40	8.65	8.16	8.22	ppb
Zirconium	91-1	8.30	7.14	8.81	8.08	10.57	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-09	Instrumnet Name :	P7
Client Sample ID :	MYDB50	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:56:20	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30174.45	31020.38	34865.47	32020.10	7.81	ppb
Antimony	121-1	0.74	0.53	0.82	0.70	21.77	ppb
Arsenic	75-2	85.43	84.73	99.15	89.77	9.06	ppb
Barium	135-1	177.92	124.22	189.48	163.87	21.25	ppb
Barium	137-1	181.75	123.82	186.79	164.12	21.32	ppb
Beryllium	9-1	1.22	0.76	1.15	1.04	23.70	ppb
Bismuth	209-1				117		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.14	1.67	1.36	20.51	ppb
Cadmium	106-1	2.08	0.17	1.51	1.25	78.62	ppb
Cadmium	111-1	1.08	0.64	1.02	0.91	26.38	ppb
Calcium	43-1	11750.58	8170.97	11787.13	10569.56	19.65	ppb
Calcium	44-1	11426.82	7723.78	11451.97	10200.86	21.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.03	33.76	38.12	34.97	7.87	ppb
Cobalt	59-2	23.16	22.89	26.98	24.35	9.40	ppb
Copper	63-2	76.86	76.52	89.51	80.97	9.14	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				102		%
Indium	115-1				114		%
Indium	115-2				96		%
Iron	56-2	62610.94	62101.71	71998.65	65570.43	8.50	ppb
Iron	57-2	61284.50	61361.46	71013.21	64553.06	8.67	ppb
Iron	54-2	62637.74	61940.33	72669.44	65749.17	9.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-09	Instrumnet Name :	P7
Client Sample ID :	MYDB50	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:56:20	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	54.71	35.54	53.52	47.93	22.41	ppb
Lead	207-1	57.49	36.20	53.53	49.07	23.08	ppb
Lead	208-1	55.06	36.25	53.36	48.22	21.58	ppb
Lithium	6-1				93		%
Magnesium	24-2	12511.30	12452.01	14393.46	13118.92	8.42	ppb
Manganese	55-2	1018.33	999.99	1167.42	1061.92	8.65	ppb
Molybdenum	94-1	10.80	7.46	10.87	9.71	20.12	ppb
Molybdenum	95-1	0.53	0.34	0.52	0.46	23.12	ppb
Molybdenum	96-1	2.09	1.34	1.83	1.75	21.67	ppb
Molybdenum	97-1	0.57	0.36	0.55	0.49	23.88	ppb
Molybdenum	98-1	0.55	0.35	0.50	0.47	21.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.41	31.57	35.71	33.23	6.58	ppb
Phosphorus	31-2	2483.09	2476.17	2850.48	2603.25	8.23	ppb
Potassium	39-2	3843.05	3910.19	4531.95	4095.06	9.28	ppb
Rhodium	103-1				112		%
Rhodium	103-2				96		%
Scandium	45-1				113		%
Scandium	45-2				97		%
Selenium	82-1	0.04	-0.01	0.09	0.04	129.59	ppb
Selenium	77-2	14.27	13.24	22.60	16.70	30.73	ppb
Selenium	78-2	3.56	2.26	3.36	3.06	22.90	ppb
Silicon	28-1	1248.49	822.75	1194.10	1088.45	21.29	ppb
Silver	107-1	0.29	0.20	0.33	0.28	24.02	ppb
Silver	109-1	0.28	0.23	0.30	0.27	13.95	ppb
Sodium	23-2	227.93	227.76	282.74	246.14	12.87	ppb
Strontium	86-1	50.96	32.22	46.99	43.39	22.76	ppb
Strontium	88-1	48.42	32.81	47.51	42.91	20.41	ppb
Sulfur	34-1	-4552.81	-6231.68	-5285.67	-5356.72		ppb
Terbium	159-1				116		%
Terbium	159-2				100		%
Thallium	203-1	0.19	0.13	0.17	0.16	18.03	ppb
Thallium	205-1	0.16	0.12	0.18	0.16	19.70	ppb
Tin	118-1	2.49	1.66	2.59	2.24	22.83	ppb
Titanium	47-1	976.50	624.30	914.07	838.29	22.42	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-09	Instrumnet Name :	P7
Client Sample ID :	MYDB50	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:56:20	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.44	0.62	0.57	19.45	ppb
Vanadium	51-2	103.30	102.76	120.49	108.85	9.26	ppb
Yttrium	89-1				121		%
Yttrium	89-2				102		%
Zinc	66-2	293.47	293.76	341.85	309.70	8.99	ppb
Zirconium	90-1	6.42	4.38	6.27	5.69	20.00	ppb
Zirconium	91-1	6.72	4.38	6.11	5.74	21.20	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10	Instrumnet Name :	P7
Client Sample ID :	MYDB51	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:59:31	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38300.15	37357.84	37280.66	37646.22	1.51	ppb
Antimony	121-1	2.46	2.51	2.46	2.48	1.10	ppb
Arsenic	75-2	234.79	237.81	230.64	234.41	1.53	ppb
Barium	135-1	337.67	346.84	341.86	342.12	1.34	ppb
Barium	137-1	338.18	349.35	345.92	344.48	1.66	ppb
Beryllium	9-1	1.43	1.46	1.68	1.52	9.12	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.02	4.07	3.85	3.98	2.82	ppb
Cadmium	106-1	3.70	4.40	2.88	3.66	20.71	ppb
Cadmium	111-1	3.13	3.34	3.24	3.24	3.29	ppb
Calcium	43-1	21409.38	21701.78	21795.72	21635.63	0.93	ppb
Calcium	44-1	20676.97	21028.56	20848.45	20851.33	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.04	46.18	46.46	46.56	0.94	ppb
Cobalt	59-2	30.10	30.23	30.35	30.23	0.42	ppb
Copper	63-2	202.02	204.29	205.98	204.10	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	84429.45	84460.20	85215.24	84701.63	0.53	ppb
Iron	57-2	83085.36	81930.55	83374.66	82796.86	0.92	ppb
Iron	54-2	84756.67	83797.58	82775.00	83776.42	1.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10	Instrumnet Name :	P7
Client Sample ID :	MYDB51	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:59:31	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	180.92	186.52	189.36	185.60	2.32	ppb
Lead	207-1	191.94	195.98	198.22	195.38	1.63	ppb
Lead	208-1	185.95	190.01	193.26	189.74	1.93	ppb
Lithium	6-1				87		%
Magnesium	24-2	14293.85	14216.86	14035.12	14181.94	0.94	ppb
Manganese	55-2	2065.31	2053.46	2064.63	2061.13	0.32	ppb
Molybdenum	94-1	11.17	11.54	11.75	11.49	2.55	ppb
Molybdenum	95-1	1.05	1.06	1.08	1.07	1.23	ppb
Molybdenum	96-1	2.59	2.73	2.61	2.64	2.79	ppb
Molybdenum	97-1	1.05	1.05	1.12	1.07	3.60	ppb
Molybdenum	98-1	1.03	1.11	1.07	1.07	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.35	41.57	41.54	41.48	0.29	ppb
Phosphorus	31-2	2410.95	2447.23	2456.63	2438.27	0.99	ppb
Potassium	39-2	7856.27	7896.04	7892.73	7881.68	0.28	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	1.44	2.23	2.77	2.15	31.29	ppb
Selenium	77-2	17.73	17.16	19.45	18.11	6.58	ppb
Selenium	78-2	2.19	3.35	4.33	3.29	32.57	ppb
Silicon	28-1	1154.77	1173.26	1182.85	1170.30	1.22	ppb
Silver	107-1	1.21	1.28	1.25	1.25	2.59	ppb
Silver	109-1	1.24	1.21	1.24	1.23	1.39	ppb
Sodium	23-2	232.56	234.80	238.84	235.40	1.35	ppb
Strontium	86-1	88.46	89.56	89.69	89.24	0.76	ppb
Strontium	88-1	90.96	93.72	93.15	92.61	1.57	ppb
Sulfur	34-1	1548.63	1615.31	1454.73	1539.56	5.24	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.28	0.30	0.29	0.29	3.18	ppb
Thallium	205-1	0.26	0.27	0.29	0.27	6.65	ppb
Tin	118-1	3.00	2.98	3.05	3.01	1.13	ppb
Titanium	47-1	915.61	919.56	920.02	918.40	0.26	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10	Instrumnet Name :	P7
Client Sample ID :	MYDB51	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:59:31	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.73	0.73	0.73	0.99	ppb
Vanadium	51-2	127.82	129.17	130.77	129.25	1.14	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	773.80	770.50	761.21	768.50	0.85	ppb
Zirconium	90-1	6.19	6.34	6.39	6.31	1.61	ppb
Zirconium	91-1	6.23	6.56	6.48	6.42	2.73	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-11	Instrumnet Name :	P7
Client Sample ID :	MYDB51D	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:02:44	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37798.77	37543.64	38367.87	37903.43	1.11	ppb
Antimony	121-1	2.53	2.56	2.61	2.57	1.58	ppb
Arsenic	75-2	236.89	224.74	231.06	230.89	2.63	ppb
Barium	135-1	334.47	340.68	341.53	338.89	1.14	ppb
Barium	137-1	339.57	346.72	345.12	343.80	1.09	ppb
Beryllium	9-1	1.56	1.76	1.66	1.66	6.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.60	3.60	3.79	3.66	3.00	ppb
Cadmium	106-1	2.33	2.77	3.17	2.76	15.34	ppb
Cadmium	111-1	3.39	3.17	3.28	3.28	3.33	ppb
Calcium	43-1	21527.36	21791.90	21747.42	21688.89	0.65	ppb
Calcium	44-1	20629.61	20989.90	20895.09	20838.20	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.21	45.82	45.94	45.99	0.44	ppb
Cobalt	59-2	30.94	30.15	30.35	30.48	1.36	ppb
Copper	63-2	207.48	202.26	206.82	205.52	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	86247.01	84034.45	84217.25	84832.90	1.45	ppb
Iron	57-2	84659.73	82807.56	85908.95	84458.74	1.85	ppb
Iron	54-2	84906.20	83880.56	85963.71	84916.83	1.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-11	Instrumnet Name :	P7
Client Sample ID :	MYDB51D	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:02:44	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	178.50	186.18	188.94	184.54	2.93	ppb
Lead	207-1	192.13	197.56	199.02	196.24	1.85	ppb
Lead	208-1	185.30	205.14	193.28	194.57	5.13	ppb
Lithium	6-1				85		%
Magnesium	24-2	14030.28	13876.88	14558.30	14155.15	2.53	ppb
Manganese	55-2	2075.47	2035.22	2056.68	2055.79	0.98	ppb
Molybdenum	94-1	11.24	11.70	11.37	11.44	2.09	ppb
Molybdenum	95-1	1.16	1.12	1.19	1.15	3.13	ppb
Molybdenum	96-1	2.58	2.62	2.70	2.64	2.29	ppb
Molybdenum	97-1	1.11	1.13	1.12	1.12	0.94	ppb
Molybdenum	98-1	1.07	1.08	1.07	1.07	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.16	40.30	41.18	40.88	1.22	ppb
Phosphorus	31-2	2422.53	2414.91	2524.48	2453.98	2.49	ppb
Potassium	39-2	7923.08	7710.01	8020.36	7884.48	2.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	1.89	2.72	2.25	2.29	18.18	ppb
Selenium	77-2	17.72	13.68	17.97	16.46	14.63	ppb
Selenium	78-2	5.18	3.27	4.09	4.18	22.96	ppb
Silicon	28-1	1103.72	1114.99	1115.78	1111.50	0.61	ppb
Silver	107-1	1.22	1.20	1.24	1.22	1.70	ppb
Silver	109-1	1.19	1.18	1.21	1.19	1.32	ppb
Sodium	23-2	219.50	212.82	219.87	217.40	1.82	ppb
Strontium	86-1	87.64	91.29	90.81	89.92	2.21	ppb
Strontium	88-1	92.18	93.46	94.43	93.36	1.21	ppb
Sulfur	34-1	1645.25	1529.70	1425.25	1533.40	7.18	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.30	0.30	0.29	10.23	ppb
Thallium	205-1	0.27	0.29	0.28	0.28	3.09	ppb
Tin	118-1	2.78	2.90	2.89	2.86	2.25	ppb
Titanium	47-1	898.62	922.71	907.54	909.62	1.34	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-11	Instrumnet Name :	P7
Client Sample ID :	MYDB51D	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:02:44	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.82	0.84	0.82	2.98	ppb
Vanadium	51-2	131.41	129.34	132.27	131.01	1.15	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	763.41	760.86	762.28	762.19	0.17	ppb
Zirconium	90-1	6.22	6.44	6.53	6.40	2.53	ppb
Zirconium	91-1	6.58	6.62	6.43	6.54	1.55	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYDB51L	Dilution Factor :	5
Date & Time Acquired :	2024-10-28 18:05:55	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7399.83	7352.58	7335.58	7362.67	0.45	ppb
Antimony	121-1	0.46	0.48	0.46	0.47	2.78	ppb
Arsenic	75-2	46.32	45.14	45.50	45.65	1.32	ppb
Barium	135-1	62.48	63.13	65.69	63.77	2.66	ppb
Barium	137-1	63.75	62.99	64.00	63.58	0.83	ppb
Beryllium	9-1	0.29	0.27	0.29	0.28	4.92	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.81	0.74	0.75	0.76	5.09	ppb
Cadmium	106-1	0.62	-0.73	-0.89	-0.33		ppb
Cadmium	111-1	0.64	0.48	0.50	0.54	16.25	ppb
Calcium	43-1	4304.32	4203.86	4006.02	4171.40	3.64	ppb
Calcium	44-1	3929.16	4042.75	3989.53	3987.15	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.25	9.01	8.86	9.04	2.20	ppb
Cobalt	59-2	5.89	5.79	5.90	5.86	1.03	ppb
Copper	63-2	39.45	39.87	39.71	39.68	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	16218.14	16397.44	16182.25	16265.94	0.71	ppb
Iron	57-2	16408.48	16432.77	16492.03	16444.42	0.26	ppb
Iron	54-2	16134.28	16251.01	16140.93	16175.41	0.41	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYDB51L	Dilution Factor :	5
Date & Time Acquired :	2024-10-28 18:05:55	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.86	33.36	34.42	33.88	1.55	ppb
Lead	207-1	36.06	34.59	34.96	35.20	2.17	ppb
Lead	208-1	35.51	34.06	34.27	34.61	2.27	ppb
Lithium	6-1				86		%
Magnesium	24-2	2815.35	2781.77	2765.42	2787.51	0.91	ppb
Manganese	55-2	400.02	403.20	396.66	399.96	0.82	ppb
Molybdenum	94-1	2.26	2.14	2.12	2.17	3.40	ppb
Molybdenum	95-1	0.20	0.22	0.22	0.21	3.67	ppb
Molybdenum	96-1	0.50	0.48	0.49	0.49	2.58	ppb
Molybdenum	97-1	0.26	0.16	0.25	0.22	25.58	ppb
Molybdenum	98-1	0.21	0.21	0.21	0.21	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.84	8.03	8.27	8.05	2.66	ppb
Phosphorus	31-2	448.39	458.60	466.01	457.67	1.93	ppb
Potassium	39-2	1589.69	1590.94	1589.12	1589.92	0.06	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.45	0.29	0.62	0.45	37.19	ppb
Selenium	77-2	4.55	2.64	3.33	3.51	27.49	ppb
Selenium	78-2	-0.05	-0.86	0.40	-0.17		ppb
Silicon	28-1	224.17	216.95	220.17	220.43	1.64	ppb
Silver	107-1	0.23	0.23	0.22	0.23	2.60	ppb
Silver	109-1	0.23	0.22	0.23	0.23	1.65	ppb
Sodium	23-2	76.02	78.13	76.35	76.83	1.48	ppb
Strontium	86-1	16.81	16.69	17.62	17.04	2.96	ppb
Strontium	88-1	17.78	16.77	17.30	17.28	2.92	ppb
Sulfur	34-1	-3649.08	-3872.38	-3912.91	-3811.46		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.05	0.04	0.04	19.04	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	21.49	ppb
Tin	118-1	0.58	0.58	0.55	0.57	3.55	ppb
Titanium	47-1	173.40	170.94	173.07	172.47	0.78	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYDB51L	Dilution Factor :	5
Date & Time Acquired :	2024-10-28 18:05:55	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.13	0.14	0.14	4.74	ppb
Vanadium	51-2	24.69	24.87	24.62	24.73	0.52	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	149.96	151.06	149.31	150.11	0.59	ppb
Zirconium	90-1	1.15	1.20	1.26	1.21	4.74	ppb
Zirconium	91-1	1.24	1.17	1.23	1.22	3.09	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-12	Instrumnet Name :	P7
Client Sample ID :	MYDB51S	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:09:13	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38261.23	37434.46	37779.74	37825.15	1.10	ppb
Antimony	121-1	65.29	66.20	67.58	66.35	1.74	ppb
Arsenic	75-2	250.35	250.68	255.78	252.27	1.21	ppb
Barium	135-1	1652.11	1646.96	1729.75	1676.27	2.77	ppb
Barium	137-1	1658.07	1665.78	1748.68	1690.84	2.97	ppb
Beryllium	9-1	39.13	41.21	37.35	39.23	4.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.72	31.30	34.93	34.32	8.04	ppb
Cadmium	106-1	31.87	32.63	32.16	32.22	1.19	ppb
Cadmium	111-1	35.94	35.43	36.98	36.12	2.18	ppb
Calcium	43-1	21141.93	21493.04	21169.05	21268.01	0.92	ppb
Calcium	44-1	19913.87	20181.41	20611.70	20235.66	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	181.50	179.30	178.63	179.81	0.83	ppb
Cobalt	59-2	370.03	369.85	364.76	368.22	0.81	ppb
Copper	63-2	361.47	358.00	354.01	357.83	1.04	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				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	84441.76	83766.23	84062.44	84090.15	0.40	ppb
Iron	57-2	83283.02	81568.77	80880.37	81910.72	1.51	ppb
Iron	54-2	84674.00	84277.10	83075.48	84008.86	0.99	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-12	Instrumnet Name :	P7
Client Sample ID :	MYDB51S	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:09:13	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	189.94	194.84	188.79	191.19	1.68	ppb
Lead	207-1	197.51	201.80	198.26	199.19	1.15	ppb
Lead	208-1	207.45	211.39	209.73	209.52	0.94	ppb
Lithium	6-1				86		%
Magnesium	24-2	14202.69	13668.41	13775.76	13882.29	2.04	ppb
Manganese	55-2	2390.20	2363.19	2339.75	2364.38	1.07	ppb
Molybdenum	94-1	10.94	11.56	11.34	11.28	2.77	ppb
Molybdenum	95-1	1.04	1.09	1.12	1.08	4.13	ppb
Molybdenum	96-1	2.50	2.58	2.65	2.58	2.93	ppb
Molybdenum	97-1	0.99	1.08	1.09	1.06	4.99	ppb
Molybdenum	98-1	1.06	1.07	1.09	1.07	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	382.63	376.86	374.73	378.08	1.08	ppb
Phosphorus	31-2	2397.29	2389.66	2420.76	2402.57	0.67	ppb
Potassium	39-2	7865.17	7620.16	7491.14	7658.82	2.48	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	64.52	67.84	65.79	66.05	2.53	ppb
Selenium	77-2	75.59	69.25	77.27	74.04	5.72	ppb
Selenium	78-2	63.80	61.43	70.13	65.12	6.91	ppb
Silicon	28-1	1126.47	1113.49	1104.79	1114.92	0.98	ppb
Silver	107-1	28.96	28.97	29.91	29.28	1.87	ppb
Silver	109-1	28.84	29.17	29.34	29.12	0.87	ppb
Sodium	23-2	206.28	204.01	204.47	204.92	0.59	ppb
Strontium	86-1	86.33	90.65	87.58	88.19	2.52	ppb
Strontium	88-1	87.33	90.73	89.02	89.03	1.91	ppb
Sulfur	34-1	1524.74	1659.03	1178.14	1453.97	17.07	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	28.83	29.32	29.02	29.06	0.84	ppb
Thallium	205-1	28.36	29.09	29.38	28.94	1.82	ppb
Tin	118-1	2.81	2.80	2.89	2.83	1.84	ppb
Titanium	47-1	884.67	906.36	885.69	892.24	1.37	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-12	Instrumnet Name :	P7
Client Sample ID :	MYDB51S	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:09:13	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.71	0.74	0.68	0.71	3.73	ppb
Vanadium	51-2	454.90	451.33	449.71	451.98	0.59	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	1090.34	1083.03	1072.81	1082.06	0.81	ppb
Zirconium	90-1	6.07	6.32	6.45	6.28	3.06	ppb
Zirconium	91-1	6.09	6.44	6.29	6.28	2.81	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10MS	Instrumnet Name :	P7
Client Sample ID :	MYDB51SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:12:18	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36838.68	37180.86	38644.61	37554.72	2.55	ppb
Antimony	121-1	252.31	239.40	256.51	249.41	3.58	ppb
Arsenic	75-2	300.93	298.05	300.24	299.74	0.50	ppb
Barium	135-1	5181.21	4943.69	5223.42	5116.11	2.95	ppb
Barium	137-1	5197.54	4973.99	5284.15	5151.90	3.11	ppb
Beryllium	9-1	141.48	130.84	141.27	137.86	4.41	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	118.52	111.60	115.23	115.12	3.01	ppb
Cadmium	106-1	113.23	107.93	114.27	111.81	3.04	ppb
Cadmium	111-1	127.56	120.61	126.36	124.84	2.98	ppb
Calcium	43-1	18552.41	17424.58	18382.09	18119.69	3.36	ppb
Calcium	44-1	17759.30	16852.59	17628.84	17413.58	2.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	539.58	552.01	556.23	549.27	1.58	ppb
Cobalt	59-2	1314.21	1290.20	1322.86	1309.09	1.29	ppb
Copper	63-2	792.18	802.45	792.80	795.81	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	75237.08	75098.24	76974.05	75769.79	1.38	ppb
Iron	57-2	75452.36	74775.22	75315.47	75181.02	0.48	ppb
Iron	54-2	76630.46	76161.16	77491.51	76761.05	0.88	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10MS	Instrumnet Name :	P7
Client Sample ID :	MYDB51SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:12:18	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	203.83	188.47	198.67	196.99	3.97	ppb
Lead	207-1	211.88	196.32	206.59	204.93	3.86	ppb
Lead	208-1	223.93	207.11	216.02	215.69	3.90	ppb
Lithium	6-1				89		%
Magnesium	24-2	12192.49	12386.69	12615.70	12398.30	1.71	ppb
Manganese	55-2	2981.33	2998.09	3051.77	3010.40	1.22	ppb
Molybdenum	94-1	9.75	9.34	9.69	9.59	2.29	ppb
Molybdenum	95-1	0.96	0.99	0.96	0.97	1.56	ppb
Molybdenum	96-1	2.28	2.14	2.30	2.24	3.81	ppb
Molybdenum	97-1	0.98	0.93	0.89	0.93	4.98	ppb
Molybdenum	98-1	0.99	0.91	0.96	0.95	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1354.26	1360.50	1380.44	1365.07	1.00	ppb
Phosphorus	31-2	2128.41	2074.76	2147.15	2116.77	1.77	ppb
Potassium	39-2	6753.77	6821.68	6871.67	6815.70	0.87	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	267.48	246.45	262.29	258.74	4.23	ppb
Selenium	77-2	277.19	256.51	268.81	267.51	3.89	ppb
Selenium	78-2	269.42	274.39	268.72	270.84	1.14	ppb
Silicon	28-1	978.93	904.94	971.69	951.85	4.29	ppb
Silver	107-1	84.79	79.84	82.75	82.46	3.02	ppb
Silver	109-1	88.33	82.54	82.84	84.57	3.86	ppb
Sodium	23-2	185.78	186.57	193.20	188.52	2.16	ppb
Strontium	86-1	76.10	71.85	75.19	74.38	3.01	ppb
Strontium	88-1	79.40	73.36	78.96	77.24	4.36	ppb
Sulfur	34-1	701.42	121.74	596.74	473.30	65.27	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	111.29	103.10	109.44	107.94	3.98	ppb
Thallium	205-1	110.93	101.95	107.20	106.70	4.23	ppb
Tin	118-1	2.42	2.37	2.49	2.43	2.48	ppb
Titanium	47-1	776.02	730.58	779.19	761.93	3.57	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10MS	Instrumnet Name :	P7
Client Sample ID :	MYDB51SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:12:18	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.68	0.63	0.66	0.65	3.87	ppb
Vanadium	51-2	1345.68	1332.50	1357.14	1345.11	0.92	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	1886.90	1905.19	1928.46	1906.85	1.09	ppb
Zirconium	90-1	5.39	5.15	5.34	5.29	2.33	ppb
Zirconium	91-1	5.60	5.32	5.58	5.50	2.87	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-13RE	Instrumnet Name :	P7
Client Sample ID :	MYDB52	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:15:21	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61236.00	61623.97	61585.69	61481.89	0.35	ppb
Antimony	121-1	1.03	1.03	1.10	1.05	3.78	ppb
Arsenic	75-2	111.02	110.72	110.88	110.87	0.14	ppb
Barium	135-1	524.88	527.29	531.18	527.78	0.60	ppb
Barium	137-1	531.09	531.66	534.76	532.50	0.37	ppb
Beryllium	9-1	2.64	2.90	2.56	2.70	6.60	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.59	1.57	2.26	1.81	21.60	ppb
Cadmium	106-1	2.77	2.96	2.44	2.72	9.78	ppb
Cadmium	111-1	1.42	1.43	1.34	1.40	3.69	ppb
Calcium	43-1	21236.12	21292.39	21492.17	21340.23	0.63	ppb
Calcium	44-1	20551.55	20327.89	20511.35	20463.60	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.64	66.28	65.99	65.64	1.33	ppb
Cobalt	59-2	51.73	52.43	52.25	52.14	0.69	ppb
Copper	63-2	148.35	150.36	150.26	149.66	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	124759.43	125520.64	125759.83	125346.63	0.42	ppb
Iron	57-2	122296.67	125632.75	123113.40	123680.94	1.41	ppb
Iron	54-2	123141.04	125478.71	127962.74	125527.50	1.92	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-13RE	Instrumnet Name :	P7
Client Sample ID :	MYDB52	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:15:21	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.30	67.20	67.64	67.38	0.34	ppb
Lead	207-1	67.59	66.37	68.11	67.36	1.32	ppb
Lead	208-1	66.70	66.27	67.23	66.74	0.72	ppb
Lithium	6-1				88		%
Magnesium	24-2	22238.85	22148.55	22150.50	22179.30	0.23	ppb
Manganese	55-2	2101.49	2151.00	2153.78	2135.42	1.38	ppb
Molybdenum	94-1	16.52	17.06	17.35	16.98	2.48	ppb
Molybdenum	95-1	1.49	1.61	1.62	1.57	4.65	ppb
Molybdenum	96-1	3.86	3.77	3.92	3.85	1.84	ppb
Molybdenum	97-1	1.56	1.51	1.61	1.56	3.31	ppb
Molybdenum	98-1	1.47	1.48	1.56	1.51	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.54	63.02	63.40	62.99	0.69	ppb
Phosphorus	31-2	2815.05	2899.13	2847.92	2854.03	1.48	ppb
Potassium	39-2	6821.09	6885.96	6975.03	6894.03	1.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.89	0.71	0.87	0.82	11.86	ppb
Selenium	77-2	24.65	29.70	24.14	26.16	11.75	ppb
Selenium	78-2	5.61	4.09	2.93	4.21	31.92	ppb
Silicon	28-1	1051.41	1040.29	1059.10	1050.27	0.90	ppb
Silver	107-1	0.56	0.47	0.45	0.49	12.07	ppb
Silver	109-1	0.56	0.47	0.42	0.48	14.73	ppb
Sodium	23-2	247.04	254.66	255.32	252.34	1.82	ppb
Strontium	86-1	95.83	95.04	97.54	96.14	1.33	ppb
Strontium	88-1	100.69	100.34	102.53	101.19	1.16	ppb
Sulfur	34-1	-4102.80	-4269.89	-4260.94	-4211.21		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.34	0.31	0.32	0.32	4.49	ppb
Thallium	205-1	0.32	0.32	0.32	0.32	0.77	ppb
Tin	118-1	2.49	2.72	2.68	2.63	4.68	ppb
Titanium	47-1	907.92	910.47	920.52	912.97	0.73	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-13RE	Instrumnet Name :	P7
Client Sample ID :	MYDB52	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:15:21	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.26	1.23	1.24	1.21	ppb
Vanadium	51-2	205.02	208.59	211.24	208.29	1.50	ppb
Yttrium	89-1				114		%
Yttrium	89-2				112		%
Zinc	66-2	333.60	339.31	333.29	335.40	1.01	ppb
Zirconium	90-1	9.38	9.59	9.71	9.56	1.71	ppb
Zirconium	91-1	9.43	9.46	9.64	9.51	1.18	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDB00	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:18:32	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21295.17	21218.27	21070.42	21194.62	0.54	ppb
Antimony	121-1	0.62	0.57	0.61	0.60	4.36	ppb
Arsenic	75-2	84.08	82.59	84.23	83.63	1.09	ppb
Barium	135-1	145.87	146.79	158.81	150.49	4.80	ppb
Barium	137-1	153.23	152.02	153.56	152.93	0.53	ppb
Beryllium	9-1	1.01	1.01	0.87	0.96	8.27	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.51	1.39	1.40	1.43	4.59	ppb
Cadmium	106-1	2.18	1.12	0.33	1.21	76.87	ppb
Cadmium	111-1	1.16	1.14	1.13	1.14	1.48	ppb
Calcium	43-1	8492.80	8552.67	8029.94	8358.47	3.42	ppb
Calcium	44-1	8071.11	8117.02	8129.29	8105.81	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.82	24.92	24.49	24.74	0.91	ppb
Cobalt	59-2	22.36	22.16	22.31	22.28	0.48	ppb
Copper	63-2	87.20	87.24	88.24	87.56	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				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	51047.07	50417.10	51299.53	50921.24	0.89	ppb
Iron	57-2	50324.95	49415.29	49831.74	49857.33	0.91	ppb
Iron	54-2	51120.57	50603.61	50362.35	50695.51	0.76	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDB00	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:18:32	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.64	67.37	66.92	66.31	2.21	ppb
Lead	207-1	68.99	71.57	66.52	69.03	3.66	ppb
Lead	208-1	66.76	68.03	65.57	66.79	1.84	ppb
Lithium	6-1				91		%
Magnesium	24-2	8488.09	8438.50	8440.39	8455.66	0.33	ppb
Manganese	55-2	1008.90	1010.63	1007.33	1008.95	0.16	ppb
Molybdenum	94-1	7.93	7.88	7.77	7.86	1.04	ppb
Molybdenum	95-1	0.46	0.46	0.47	0.46	1.95	ppb
Molybdenum	96-1	1.48	1.55	1.45	1.49	3.54	ppb
Molybdenum	97-1	0.56	0.46	0.46	0.49	11.95	ppb
Molybdenum	98-1	0.45	0.48	0.47	0.47	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.38	25.29	25.44	25.37	0.29	ppb
Phosphorus	31-2	1543.72	1478.60	1501.29	1507.87	2.19	ppb
Potassium	39-2	3766.06	3703.74	3715.56	3728.45	0.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.23	0.80	-0.31	0.24	233.33	ppb
Selenium	77-2	9.47	8.48	11.41	9.79	15.26	ppb
Selenium	78-2	-0.51	0.82	-0.56	-0.08		ppb
Silicon	28-1	527.21	575.23	519.25	540.56	5.60	ppb
Silver	107-1	0.41	0.38	0.43	0.41	5.99	ppb
Silver	109-1	0.41	0.41	0.42	0.41	0.45	ppb
Sodium	23-2	143.67	144.04	145.56	144.42	0.70	ppb
Strontium	86-1	37.05	38.99	36.66	37.57	3.32	ppb
Strontium	88-1	38.04	37.29	36.50	37.28	2.06	ppb
Sulfur	34-1	-4235.20	-4144.40	-4562.91	-4314.17		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.15	0.13	0.15	9.73	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	3.33	ppb
Tin	118-1	1.47	1.67	1.55	1.56	6.29	ppb
Titanium	47-1	546.60	585.39	529.54	553.85	5.17	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDB00	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:18:32	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.47	0.47	0.46	0.47	1.48	ppb
Vanadium	51-2	81.55	81.77	81.30	81.54	0.29	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	289.62	290.29	287.40	289.10	0.52	ppb
Zirconium	90-1	4.51	4.47	4.69	4.56	2.49	ppb
Zirconium	91-1	4.69	4.71	4.67	4.69	0.40	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAX7	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:21:46	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26320.71	26278.44	26920.67	26506.61	1.36	ppb
Antimony	121-1	0.26	0.27	0.29	0.27	4.66	ppb
Arsenic	75-2	21.01	21.25	20.54	20.93	1.73	ppb
Barium	135-1	167.47	184.53	183.63	178.54	5.37	ppb
Barium	137-1	176.00	181.82	185.22	181.01	2.58	ppb
Beryllium	9-1	1.11	0.78	0.77	0.89	21.84	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.49	0.47	0.48	1.87	ppb
Cadmium	106-1	0.19	-0.37	0.17	-0.01		ppb
Cadmium	111-1	0.12	0.13	0.14	0.13	8.07	ppb
Calcium	43-1	10652.25	10270.19	11159.43	10693.96	4.17	ppb
Calcium	44-1	9979.11	10260.62	10267.68	10169.14	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.16	24.63	25.44	25.08	1.64	ppb
Cobalt	59-2	18.92	18.72	19.30	18.98	1.57	ppb
Copper	63-2	50.49	51.07	50.98	50.85	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	51654.69	52023.54	51607.15	51761.79	0.44	ppb
Iron	57-2	50540.84	50937.41	50508.26	50662.17	0.47	ppb
Iron	54-2	51302.10	51640.50	51205.37	51382.66	0.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAX7	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:21:46	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.21	9.14	9.18	9.18	0.35	ppb
Lead	207-1	9.12	8.24	8.49	8.62	5.26	ppb
Lead	208-1	8.93	8.63	8.86	8.81	1.80	ppb
Lithium	6-1				90		%
Magnesium	24-2	9918.94	9744.34	9984.36	9882.55	1.26	ppb
Manganese	55-2	803.25	818.59	796.30	806.05	1.42	ppb
Molybdenum	94-1	8.17	7.68	8.22	8.02	3.69	ppb
Molybdenum	95-1	0.36	0.35	0.34	0.35	2.45	ppb
Molybdenum	96-1	1.49	1.35	1.42	1.42	4.88	ppb
Molybdenum	97-1	0.40	0.35	0.38	0.37	6.67	ppb
Molybdenum	98-1	0.37	0.37	0.34	0.36	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.19	21.54	22.88	22.21	3.02	ppb
Phosphorus	31-2	1089.05	1046.40	1071.42	1068.96	2.00	ppb
Potassium	39-2	1649.88	1612.91	1649.09	1637.29	1.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.74	-0.13	0.38	0.33	131.23	ppb
Selenium	77-2	10.26	9.03	9.68	9.66	6.40	ppb
Selenium	78-2	0.56	2.73	0.21	1.17	116.69	ppb
Silicon	28-1	613.03	575.33	603.45	597.27	3.28	ppb
Silver	107-1	0.04	0.05	0.05	0.05	11.43	ppb
Silver	109-1	0.04	0.04	0.04	0.04	1.96	ppb
Sodium	23-2	206.41	204.52	210.02	206.98	1.35	ppb
Strontium	86-1	53.32	49.38	48.96	50.55	4.76	ppb
Strontium	88-1	50.63	48.57	50.93	50.04	2.56	ppb
Sulfur	34-1	-4461.94	-4888.87	-4649.92	-4666.91		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.07	0.10	0.09	17.70	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	5.48	ppb
Tin	118-1	0.86	0.86	0.90	0.87	3.07	ppb
Titanium	47-1	620.49	576.48	600.50	599.16	3.68	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAX7	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:21:46	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.40	0.40	0.41	3.34	ppb
Vanadium	51-2	81.31	81.74	83.63	82.23	1.50	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	83.22	82.32	84.08	83.21	1.06	ppb
Zirconium	90-1	4.66	4.57	4.51	4.58	1.72	ppb
Zirconium	91-1	4.91	4.33	4.49	4.57	6.58	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY3	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:24:59	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25848.59	25918.42	25747.12	25838.04	0.33	ppb
Antimony	121-1	0.37	0.38	0.40	0.38	4.12	ppb
Arsenic	75-2	29.03	29.77	29.69	29.50	1.38	ppb
Barium	135-1	176.39	160.93	171.91	169.74	4.69	ppb
Barium	137-1	170.32	171.33	173.03	171.56	0.80	ppb
Beryllium	9-1	0.77	0.89	0.94	0.86	10.41	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.75	0.60	0.60	26.81	ppb
Cadmium	106-1	1.14	0.42	-0.54	0.34	246.42	ppb
Cadmium	111-1	0.22	0.15	0.09	0.16	41.03	ppb
Calcium	43-1	9715.21	10715.87	10642.55	10357.88	5.38	ppb
Calcium	44-1	9960.19	10258.23	10141.49	10119.97	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.22	27.64	26.54	27.13	2.04	ppb
Cobalt	59-2	20.81	21.09	20.18	20.69	2.26	ppb
Copper	63-2	52.09	52.70	51.41	52.07	1.24	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				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	52272.62	52549.63	51584.30	52135.52	0.95	ppb
Iron	57-2	51354.57	51474.97	50926.14	51251.89	0.56	ppb
Iron	54-2	52875.94	52571.88	51595.58	52347.80	1.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY3	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:24:59	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.66	10.43	10.58	10.56	1.08	ppb
Lead	207-1	9.45	10.06	10.30	9.94	4.42	ppb
Lead	208-1	9.74	10.06	10.29	10.03	2.73	ppb
Lithium	6-1				87		%
Magnesium	24-2	10397.46	10517.07	10446.08	10453.54	0.58	ppb
Manganese	55-2	1348.36	1372.01	1352.75	1357.71	0.93	ppb
Molybdenum	94-1	9.91	10.36	10.40	10.22	2.66	ppb
Molybdenum	95-1	0.43	0.47	0.45	0.45	4.72	ppb
Molybdenum	96-1	1.76	1.74	1.77	1.76	0.83	ppb
Molybdenum	97-1	0.46	0.45	0.39	0.44	8.75	ppb
Molybdenum	98-1	0.44	0.43	0.43	0.43	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.25	23.16	22.11	22.51	2.55	ppb
Phosphorus	31-2	1089.74	1126.31	1066.58	1094.21	2.75	ppb
Potassium	39-2	1954.59	1991.35	1923.19	1956.38	1.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.60	-0.13	-0.42	0.02	2847.83	ppb
Selenium	77-2	13.38	5.63	9.91	9.64	40.25	ppb
Selenium	78-2	2.32	1.69	2.12	2.04	15.78	ppb
Silicon	28-1	532.55	569.36	611.48	571.13	6.91	ppb
Silver	107-1	0.04	0.04	0.04	0.04	3.81	ppb
Silver	109-1	0.04	0.05	0.04	0.04	15.40	ppb
Sodium	23-2	128.10	131.48	128.86	129.48	1.37	ppb
Strontium	86-1	46.40	49.13	50.60	48.71	4.38	ppb
Strontium	88-1	46.16	48.63	48.44	47.74	2.89	ppb
Sulfur	34-1	-5001.01	-4525.33	-4509.13	-4678.49		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.11	0.10	0.10	9.49	ppb
Thallium	205-1	0.10	0.11	0.11	0.10	6.91	ppb
Tin	118-1	1.02	1.00	1.56	1.19	26.77	ppb
Titanium	47-1	571.26	614.28	643.27	609.60	5.94	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY3	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:24:59	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.36	0.40	0.38	0.38	5.13	ppb
Vanadium	51-2	84.08	84.65	81.24	83.32	2.19	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	92.58	91.99	89.41	91.33	1.84	ppb
Zirconium	90-1	5.96	5.93	6.05	5.98	1.01	ppb
Zirconium	91-1	5.79	6.08	6.21	6.02	3.59	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-14DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY6	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:28:14	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27434.08	26742.45	26946.43	27040.99	1.31	ppb
Antimony	121-1	0.35	0.36	0.38	0.37	4.74	ppb
Arsenic	75-2	28.83	27.30	28.04	28.06	2.72	ppb
Barium	135-1	169.04	179.77	184.55	177.79	4.47	ppb
Barium	137-1	169.16	175.57	179.75	174.83	3.05	ppb
Beryllium	9-1	0.95	0.99	0.81	0.92	10.16	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.61	0.69	0.74	0.68	10.12	ppb
Cadmium	106-1	-0.58	0.25	0.22	-0.04		ppb
Cadmium	111-1	0.12	0.18	0.20	0.17	25.17	ppb
Calcium	43-1	11540.65	11308.79	11492.68	11447.37	1.07	ppb
Calcium	44-1	11170.30	11316.83	11478.23	11321.78	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.20	38.66	38.43	38.43	0.59	ppb
Cobalt	59-2	19.47	20.19	19.52	19.73	2.05	ppb
Copper	63-2	55.59	55.51	55.24	55.45	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				109		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	47202.99	47213.97	46491.67	46969.54	0.88	ppb
Iron	57-2	45526.62	45775.35	44948.34	45416.77	0.93	ppb
Iron	54-2	47693.91	46859.24	46189.46	46914.20	1.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-14DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY6	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:28:14	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.11	13.45	13.24	13.26	1.29	ppb
Lead	207-1	12.87	12.76	12.38	12.67	2.06	ppb
Lead	208-1	12.59	12.83	12.47	12.63	1.46	ppb
Lithium	6-1				88		%
Magnesium	24-2	11544.25	11126.53	11198.23	11289.67	1.98	ppb
Manganese	55-2	919.62	896.15	895.45	903.74	1.52	ppb
Molybdenum	94-1	8.33	8.65	8.57	8.52	2.00	ppb
Molybdenum	95-1	0.34	0.38	0.37	0.37	5.43	ppb
Molybdenum	96-1	1.45	1.50	1.50	1.48	2.16	ppb
Molybdenum	97-1	0.33	0.37	0.38	0.36	7.30	ppb
Molybdenum	98-1	0.36	0.36	0.38	0.37	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.07	32.09	31.26	31.48	1.72	ppb
Phosphorus	31-2	952.02	994.84	910.85	952.57	4.41	ppb
Potassium	39-2	2527.96	2588.11	2563.39	2559.82	1.18	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1.06	-0.01	-0.16	0.30	223.84	ppb
Selenium	77-2	9.44	10.55	10.33	10.11	5.82	ppb
Selenium	78-2	0.36	3.74	1.00	1.70	105.50	ppb
Silicon	28-1	621.33	613.22	618.57	617.70	0.67	ppb
Silver	107-1	0.12	0.12	0.13	0.13	6.12	ppb
Silver	109-1	0.12	0.12	0.14	0.13	9.83	ppb
Sodium	23-2	165.25	169.51	164.02	166.26	1.73	ppb
Strontium	86-1	50.52	50.46	50.22	50.40	0.32	ppb
Strontium	88-1	48.90	48.82	49.57	49.10	0.85	ppb
Sulfur	34-1	-4605.74	-4862.24	-4792.93	-4753.64		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.10	0.08	0.09	10.90	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	9.97	ppb
Tin	118-1	0.92	0.99	0.98	0.96	3.91	ppb
Titanium	47-1	504.83	492.89	492.68	496.80	1.40	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-14DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY6	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:28:14	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.45	0.43	0.43	0.44	2.44	ppb
Vanadium	51-2	69.08	72.69	69.41	70.39	2.83	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	100.77	105.52	99.65	101.98	3.06	ppb
Zirconium	90-1	5.06	5.08	5.15	5.10	0.90	ppb
Zirconium	91-1	4.90	5.02	5.08	5.00	1.82	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAT0	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:31:25	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25384.34	25952.25	29183.11	26839.90	7.63	ppb
Antimony	121-1	0.42	0.46	0.45	0.44	4.58	ppb
Arsenic	75-2	38.40	38.75	44.94	40.70	9.03	ppb
Barium	135-1	205.83	199.71	199.07	201.54	1.85	ppb
Barium	137-1	199.47	204.58	205.13	203.06	1.54	ppb
Beryllium	9-1	0.96	0.95	0.86	0.93	5.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.95	0.95	0.78	0.89	11.00	ppb
Cadmium	106-1	0.20	1.06	0.94	0.73	63.30	ppb
Cadmium	111-1	0.30	0.38	0.45	0.38	19.49	ppb
Calcium	43-1	9452.33	10350.13	10441.68	10081.38	5.42	ppb
Calcium	44-1	9230.28	9737.58	9845.25	9604.37	3.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.75	29.79	33.44	31.00	6.84	ppb
Cobalt	59-2	18.41	19.10	21.25	19.59	7.55	ppb
Copper	63-2	53.25	54.49	61.30	56.35	7.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	51625.58	53391.16	58171.37	54396.04	6.23	ppb
Iron	57-2	51219.04	52093.24	58194.99	53835.76	7.06	ppb
Iron	54-2	51570.42	52431.97	58540.76	54181.05	7.01	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 :	P4309-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAT0	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:31:25	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.18	23.18	23.02	23.46	2.68	ppb
Lead	207-1	23.48	23.25	23.40	23.38	0.51	ppb
Lead	208-1	23.20	23.37	23.43	23.33	0.52	ppb
Lithium	6-1				91		%
Magnesium	24-2	8887.76	9206.15	10226.26	9440.06	7.41	ppb
Manganese	55-2	845.34	867.64	935.72	882.90	5.33	ppb
Molybdenum	94-1	10.35	10.60	10.85	10.60	2.39	ppb
Molybdenum	95-1	0.49	0.45	0.43	0.46	6.67	ppb
Molybdenum	96-1	1.78	1.85	1.80	1.81	2.07	ppb
Molybdenum	97-1	0.47	0.48	0.45	0.47	3.27	ppb
Molybdenum	98-1	0.45	0.43	0.44	0.44	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.87	23.59	26.39	24.62	6.28	ppb
Phosphorus	31-2	1115.58	1136.89	1235.44	1162.64	5.50	ppb
Potassium	39-2	3109.11	3115.17	3577.35	3267.21	8.22	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	0.01	-0.11	1.01	0.31	200.73	ppb
Selenium	77-2	7.72	7.95	6.24	7.30	12.69	ppb
Selenium	78-2	2.42	1.91	3.88	2.74	37.39	ppb
Silicon	28-1	536.76	533.35	550.23	540.12	1.65	ppb
Silver	107-1	0.10	0.11	0.11	0.11	2.95	ppb
Silver	109-1	0.11	0.11	0.11	0.11	3.35	ppb
Sodium	23-2	135.32	140.08	170.04	148.48	12.67	ppb
Strontium	86-1	50.45	50.28	49.61	50.11	0.89	ppb
Strontium	88-1	49.59	52.23	52.89	51.57	3.38	ppb
Sulfur	34-1	-4771.99	-4554.40	-4497.17	-4607.86		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.11	0.12	0.12	5.81	ppb
Thallium	205-1	0.10	0.13	0.12	0.12	13.35	ppb
Tin	118-1	0.55	0.44	0.43	0.47	14.49	ppb
Titanium	47-1	470.67	480.04	487.01	479.24	1.71	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAT0	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:31:25	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.46	0.46	0.47	0.46	1.43	ppb
Vanadium	51-2	86.77	88.03	99.17	91.33	7.47	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	125.82	129.56	143.17	132.85	6.87	ppb
Zirconium	90-1	6.25	6.10	6.13	6.16	1.32	ppb
Zirconium	91-1	6.10	6.23	6.35	6.23	2.01	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:34:40	DataFile Name :	095CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47134.02	46983.90	46329.80	46815.91	0.91	ppb
Antimony	121-1	457.94	463.38	464.92	462.08	0.79	ppb
Arsenic	75-2	489.97	500.48	498.21	496.22	1.11	ppb
Barium	135-1	2350.30	2323.43	2370.60	2348.11	1.01	ppb
Barium	137-1	2326.55	2323.76	2370.41	2340.24	1.12	ppb
Beryllium	9-1	497.50	495.78	503.53	498.93	0.82	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	485.22	487.62	495.04	489.29	1.05	ppb
Cadmium	106-1	474.18	477.06	488.45	479.90	1.57	ppb
Cadmium	111-1	479.65	476.23	486.87	480.92	1.13	ppb
Calcium	43-1	236562.58	241079.60	248968.46	242203.55	2.59	ppb
Calcium	44-1	236482.51	241676.23	244574.06	240910.93	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	475.39	473.62	465.75	471.59	1.09	ppb
Cobalt	59-2	509.15	507.99	508.98	508.71	0.12	ppb
Copper	63-2	4924.68	4888.66	4897.70	4903.68	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	124328.45	123852.96	122902.23	123694.55	0.59	ppb
Iron	57-2	123493.64	121952.52	121246.57	122230.91	0.94	ppb
Iron	54-2	124159.76	123664.53	122255.42	123359.90	0.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:34:40	DataFile Name :	095CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2366.47	2424.45	2437.35	2409.42	1.57	ppb
Lead	207-1	2354.37	2430.55	2426.98	2403.96	1.79	ppb
Lead	208-1	2363.62	2429.38	2431.85	2408.28	1.61	ppb
Lithium	6-1				99		%
Magnesium	24-2	229920.03	229294.78	225644.26	228286.36	1.01	ppb
Manganese	55-2	4723.15	4715.74	4698.63	4712.51	0.27	ppb
Molybdenum	94-1	4796.90	4821.85	4742.79	4787.18	0.84	ppb
Molybdenum	95-1	4738.86	4745.54	4700.54	4728.31	0.51	ppb
Molybdenum	96-1	4699.30	4814.26	4740.68	4751.42	1.23	ppb
Molybdenum	97-1	4670.27	4762.50	4685.38	4706.05	1.05	ppb
Molybdenum	98-1	4761.29	4750.18	4678.46	4729.98	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.53	499.33	495.91	497.93	0.36	ppb
Phosphorus	31-2	9251.87	9095.67	9076.92	9141.48	1.05	ppb
Potassium	39-2	117282.76	116699.88	116150.90	116711.18	0.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	499.21	501.91	486.90	496.01	1.61	ppb
Selenium	77-2	487.90	500.20	475.43	487.84	2.54	ppb
Selenium	78-2	482.36	491.37	491.10	488.28	1.05	ppb
Silicon	28-1	942.47	968.60	999.35	970.14	2.93	ppb
Silver	107-1	485.49	476.08	477.90	479.82	1.04	ppb
Silver	109-1	480.78	471.09	482.43	478.10	1.28	ppb
Sodium	23-2	235985.06	236043.21	231583.50	234537.26	1.09	ppb
Strontium	86-1	11913.36	11993.95	11706.13	11871.15	1.25	ppb
Strontium	88-1	11904.84	12067.93	11688.82	11887.20	1.60	ppb
Sulfur	34-1	8083.49	8687.49	9158.31	8643.10	6.23	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	478.93	488.40	486.46	484.60	1.03	ppb
Thallium	205-1	474.96	483.06	478.93	478.98	0.85	ppb
Tin	118-1	468.21	458.84	470.14	465.73	1.30	ppb
Titanium	47-1	4588.66	4851.37	4868.12	4769.38	3.29	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:34:40	DataFile Name :	095CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	474.67	501.69	496.71	491.02	2.93	ppb
Vanadium	51-2	477.60	473.29	471.83	474.24	0.63	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	4933.39	5032.87	5027.32	4997.86	1.12	ppb
Zirconium	90-1	480.69	478.74	477.15	478.86	0.37	ppb
Zirconium	91-1	474.97	475.41	469.63	473.34	0.68	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:37:27	DataFile Name :	096CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.45	3.42	3.00	3.29	7.65	ppb
Antimony	121-1	0.41	0.35	0.29	0.35	17.28	ppb
Arsenic	75-2	0.01	0.03	0.02	0.02	64.37	ppb
Barium	135-1	0.17	0.12	0.10	0.13	28.83	ppb
Barium	137-1	0.20	0.14	0.13	0.16	23.46	ppb
Beryllium	9-1	0.08	0.08	0.04	0.06	35.99	ppb
Bismuth	209-1				117		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.06	0.06	0.03	163.49	ppb
Cadmium	106-1	-0.82	-0.63	-1.63	-1.03		ppb
Cadmium	111-1	0.02	-0.01	-0.07	-0.02		ppb
Calcium	43-1	23.11	19.10	17.21	19.80	15.22	ppb
Calcium	44-1	22.36	14.34	12.60	16.44	31.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	0.01	0.01	129.56	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	6.17	ppb
Copper	63-2	0.27	0.27	0.25	0.26	4.30	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				110		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	7.64	7.49	7.59	7.57	1.04	ppb
Iron	57-2	0.60	1.72	2.12	1.48	53.40	ppb
Iron	54-2	5.88	6.54	6.23	6.22	5.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:37:27	DataFile Name :	096CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.28	0.24	0.20	0.24	17.09	ppb
Lead	207-1	0.24	0.26	0.20	0.23	13.62	ppb
Lead	208-1	0.27	0.25	0.20	0.24	13.39	ppb
Lithium	6-1				105		%
Magnesium	24-2	9.73	9.08	9.71	9.51	3.88	ppb
Manganese	55-2	0.48	0.46	0.41	0.45	8.10	ppb
Molybdenum	94-1	0.58	0.46	0.38	0.47	21.31	ppb
Molybdenum	95-1	0.57	0.44	0.37	0.46	22.06	ppb
Molybdenum	96-1	0.54	0.44	0.32	0.43	25.27	ppb
Molybdenum	97-1	0.55	0.45	0.33	0.44	25.79	ppb
Molybdenum	98-1	0.57	0.43	0.31	0.44	28.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	0.02	0.02	81.24	ppb
Phosphorus	31-2	-17.29	-17.54	-14.77	-16.53		ppb
Potassium	39-2	-9.26	-8.94	-9.03	-9.07		ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	-0.04	0.01	-0.53	-0.19		ppb
Selenium	77-2	-0.10	-0.10	0.53	0.11	340.79	ppb
Selenium	78-2	-0.87	-2.31	-1.33	-1.50		ppb
Silicon	28-1	-2.41	7.39	-2.43	0.85	666.15	ppb
Silver	107-1	0.06	0.07	0.04	0.06	26.44	ppb
Silver	109-1	0.07	0.06	0.05	0.06	12.13	ppb
Sodium	23-2	43.89	42.06	40.48	42.14	4.05	ppb
Strontium	86-1	0.86	0.79	0.50	0.72	26.20	ppb
Strontium	88-1	0.94	0.68	0.53	0.72	29.06	ppb
Sulfur	34-1	-2051.50	-2680.75	-1979.19	-2237.15		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.10	0.11	0.06	0.09	29.00	ppb
Thallium	205-1	0.09	0.08	0.07	0.08	9.57	ppb
Tin	118-1	0.06	0.02	0.02	0.04	60.37	ppb
Titanium	47-1	0.46	0.39	0.35	0.40	13.66	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:37:27	DataFile Name :	096CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.02	0.02	32.27	ppb
Vanadium	51-2	0.02	0.03	0.03	0.03	18.38	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	0.57	0.63	0.58	0.59	5.86	ppb
Zirconium	90-1	0.08	0.08	0.05	0.07	30.26	ppb
Zirconium	91-1	0.08	0.11	0.05	0.08	37.31	ppb

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-13	Instrumnet Name :	P7
Client Sample ID :	MYDB52	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:41:27	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61830.24	62650.58	60614.66	61698.49	1.66	ppb
Antimony	121-1	0.97	0.74	1.05	0.92	17.75	ppb
Arsenic	75-2	114.43	111.24	112.33	112.67	1.44	ppb
Barium	135-1	511.32	385.19	532.98	476.50	16.75	ppb
Barium	137-1	518.92	389.13	532.73	480.26	16.50	ppb
Beryllium	9-1	2.54	1.99	2.60	2.38	14.14	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.91	1.29	2.03	1.74	22.77	ppb
Cadmium	106-1	2.43	1.26	2.28	1.99	32.10	ppb
Cadmium	111-1	1.43	1.00	1.55	1.33	21.74	ppb
Calcium	43-1	20872.89	16125.72	20682.26	19226.96	13.98	ppb
Calcium	44-1	20022.52	15474.27	20203.63	18566.80	14.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.90	64.70	64.61	64.74	0.23	ppb
Cobalt	59-2	52.07	51.21	50.98	51.42	1.12	ppb
Copper	63-2	148.15	148.92	147.10	148.05	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				113		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	126798.58	125185.39	124967.62	125650.53	0.80	ppb
Iron	57-2	121857.75	124688.68	123380.70	123309.04	1.15	ppb
Iron	54-2	127787.64	124180.09	122396.25	124787.99	2.20	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 :	P4314-13	Instrumnet Name :	P7
Client Sample ID :	MYDB52	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:41:27	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.06	49.06	66.57	60.90	16.84	ppb
Lead	207-1	65.87	48.60	67.26	60.58	17.16	ppb
Lead	208-1	65.87	48.50	66.51	60.29	16.94	ppb
Lithium	6-1				92		%
Magnesium	24-2	22262.68	22107.52	22048.67	22139.62	0.50	ppb
Manganese	55-2	2171.30	2091.08	2135.39	2132.59	1.88	ppb
Molybdenum	94-1	17.22	13.32	17.57	16.04	14.73	ppb
Molybdenum	95-1	1.59	1.22	1.55	1.45	13.88	ppb
Molybdenum	96-1	3.90	3.01	3.83	3.58	13.82	ppb
Molybdenum	97-1	1.57	1.22	1.63	1.47	15.24	ppb
Molybdenum	98-1	1.55	1.23	1.57	1.45	13.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.37	62.59	61.58	61.85	1.06	ppb
Phosphorus	31-2	2914.35	2858.45	2861.63	2878.14	1.09	ppb
Potassium	39-2	7083.85	6979.28	6946.09	7003.08	1.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	82-1	1.39	0.95	2.25	1.53	43.38	ppb
Selenium	77-2	21.58	21.61	23.58	22.26	5.15	ppb
Selenium	78-2	6.29	6.18	6.98	6.48	6.71	ppb
Silicon	28-1	1054.36	801.72	1041.88	965.99	14.74	ppb
Silver	107-1	0.48	0.34	0.45	0.42	16.63	ppb
Silver	109-1	0.45	0.34	0.45	0.41	15.87	ppb
Sodium	23-2	250.93	255.11	257.28	254.44	1.27	ppb
Strontium	86-1	95.15	75.13	94.64	88.30	12.93	ppb
Strontium	88-1	98.25	75.08	100.12	91.15	15.30	ppb
Sulfur	34-1	-2584.85	-4245.29	-3458.92	-3429.69		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.35	0.29	0.38	0.34	13.12	ppb
Thallium	205-1	0.36	0.30	0.36	0.34	11.05	ppb
Tin	118-1	2.52	2.00	2.69	2.41	15.00	ppb
Titanium	47-1	896.52	692.15	884.36	824.34	13.91	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-13	Instrumnet Name :	P7
Client Sample ID :	MYDB52	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:41:27	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.27	0.89	1.26	1.14	19.07	ppb
Vanadium	51-2	208.95	206.94	206.86	207.58	0.57	ppb
Yttrium	89-1				117		%
Yttrium	89-2				110		%
Zinc	66-2	330.64	331.99	329.82	330.82	0.33	ppb
Zirconium	90-1	9.53	7.48	9.51	8.84	13.28	ppb
Zirconium	91-1	9.51	7.66	9.48	8.88	11.91	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-14	Instrumnet Name :	P7
Client Sample ID :	MYDB53	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:44:39	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38103.48	37943.24	37582.97	37876.56	0.70	ppb
Antimony	121-1	2.48	2.53	2.65	2.55	3.41	ppb
Arsenic	75-2	265.52	275.53	263.68	268.24	2.38	ppb
Barium	135-1	295.36	297.90	302.42	298.56	1.20	ppb
Barium	137-1	296.20	300.36	305.83	300.80	1.61	ppb
Beryllium	9-1	1.68	1.62	1.52	1.61	5.15	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.53	3.97	4.41	4.31	6.88	ppb
Cadmium	106-1	4.32	3.69	4.11	4.04	7.97	ppb
Cadmium	111-1	3.76	3.81	3.74	3.77	0.99	ppb
Calcium	43-1	16591.34	16813.56	17035.01	16813.31	1.32	ppb
Calcium	44-1	16226.11	16012.61	16267.16	16168.63	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.00	42.32	42.32	42.21	0.44	ppb
Cobalt	59-2	37.92	37.79	37.78	37.83	0.21	ppb
Copper	63-2	197.58	197.12	197.80	197.50	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				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	94060.82	93722.21	92950.82	93577.95	0.61	ppb
Iron	57-2	92219.76	92167.90	91273.07	91886.91	0.58	ppb
Iron	54-2	94250.94	92652.20	93611.92	93505.02	0.86	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-14	Instrumnet Name :	P7
Client Sample ID :	MYDB53	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:44:39	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	202.92	208.62	204.80	205.45	1.42	ppb
Lead	207-1	213.51	221.59	215.65	216.92	1.93	ppb
Lead	208-1	224.06	230.62	225.87	226.85	1.49	ppb
Lithium	6-1				85		%
Magnesium	24-2	14804.95	14456.43	14553.94	14605.11	1.23	ppb
Manganese	55-2	1712.13	1746.47	1734.37	1730.99	1.01	ppb
Molybdenum	94-1	10.65	10.69	11.04	10.80	1.99	ppb
Molybdenum	95-1	1.21	1.28	1.24	1.24	2.88	ppb
Molybdenum	96-1	2.68	2.82	2.65	2.72	3.20	ppb
Molybdenum	97-1	1.19	1.11	1.24	1.18	5.59	ppb
Molybdenum	98-1	1.15	1.17	1.22	1.18	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.16	42.72	43.66	43.18	1.09	ppb
Phosphorus	31-2	2539.51	2586.71	2596.66	2574.29	1.19	ppb
Potassium	39-2	7591.42	7449.30	7604.09	7548.27	1.14	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	2.01	2.07	2.43	2.17	10.55	ppb
Selenium	77-2	15.34	18.05	15.62	16.34	9.14	ppb
Selenium	78-2	3.20	4.85	4.87	4.31	22.24	ppb
Silicon	28-1	1012.00	1010.66	1028.08	1016.91	0.95	ppb
Silver	107-1	1.13	1.14	1.20	1.16	3.42	ppb
Silver	109-1	1.14	1.18	1.18	1.16	1.52	ppb
Sodium	23-2	241.14	239.61	242.95	241.23	0.69	ppb
Strontium	86-1	71.79	73.48	74.58	73.28	1.91	ppb
Strontium	88-1	73.87	74.48	75.99	74.78	1.46	ppb
Sulfur	34-1	1641.02	1368.88	1623.42	1544.44	9.86	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.31	0.34	0.31	0.32	5.84	ppb
Thallium	205-1	0.32	0.32	0.32	0.32	0.94	ppb
Tin	118-1	3.11	3.18	3.27	3.19	2.51	ppb
Titanium	47-1	1098.53	1101.70	1116.01	1105.41	0.84	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-14	Instrumnet Name :	P7
Client Sample ID :	MYDB53	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:44:39	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.87	0.83	0.84	2.79	ppb
Vanadium	51-2	146.57	146.73	146.42	146.57	0.11	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	825.31	826.27	820.27	823.95	0.39	ppb
Zirconium	90-1	5.73	5.99	6.12	5.95	3.35	ppb
Zirconium	91-1	5.99	6.07	6.10	6.05	0.92	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-15	Instrumnet Name :	P7
Client Sample ID :	MYDB54	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:47:50	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36893.08	36586.58	41765.90	38415.19	7.56	ppb
Antimony	121-1	1.12	0.89	1.08	1.03	11.44	ppb
Arsenic	75-2	100.55	95.91	113.68	103.38	8.91	ppb
Barium	135-1	258.31	213.11	257.69	243.03	10.66	ppb
Barium	137-1	265.12	217.08	268.58	250.26	11.50	ppb
Beryllium	9-1	1.44	1.24	1.51	1.40	10.07	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.88	1.43	1.56	1.62	14.13	ppb
Cadmium	106-1	1.10	0.98	0.83	0.97	13.89	ppb
Cadmium	111-1	1.21	1.06	1.16	1.15	6.56	ppb
Calcium	43-1	13083.77	10665.52	13067.99	12272.42	11.34	ppb
Calcium	44-1	12625.13	10271.92	12491.32	11796.12	11.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.06	42.74	49.41	45.07	8.35	ppb
Cobalt	59-2	30.03	29.87	34.89	31.60	9.03	ppb
Copper	63-2	114.91	115.18	133.51	121.20	8.80	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				110		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	79791.00	81498.79	93844.53	85044.78	9.02	ppb
Iron	57-2	78482.87	78196.65	91514.22	82731.24	9.20	ppb
Iron	54-2	81758.22	80379.99	93628.59	85255.60	8.54	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-15	Instrumnet Name :	P7
Client Sample ID :	MYDB54	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:47:50	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.81	51.33	62.34	58.49	10.61	ppb
Lead	207-1	65.39	53.67	66.57	61.88	11.53	ppb
Lead	208-1	62.73	51.79	63.69	59.41	11.12	ppb
Lithium	6-1				86		%
Magnesium	24-2	13535.41	13509.49	15515.55	14186.81	8.11	ppb
Manganese	55-2	1408.48	1432.48	1665.76	1502.24	9.46	ppb
Molybdenum	94-1	12.12	10.28	12.78	11.73	11.07	ppb
Molybdenum	95-1	0.79	0.65	0.81	0.75	11.58	ppb
Molybdenum	96-1	2.35	2.04	2.50	2.29	10.22	ppb
Molybdenum	97-1	0.80	0.63	0.80	0.74	13.12	ppb
Molybdenum	98-1	0.73	0.60	0.70	0.68	10.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.45	39.90	45.90	41.75	8.63	ppb
Phosphorus	31-2	1903.95	1869.27	2210.80	1994.67	9.42	ppb
Potassium	39-2	5111.16	5237.04	6207.75	5518.65	10.87	ppb
Rhodium	103-1				108		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	0.63	-0.11	1.09	0.54	112.75	ppb
Selenium	77-2	13.55	13.16	14.38	13.70	4.55	ppb
Selenium	78-2	2.83	2.89	4.71	3.47	30.81	ppb
Silicon	28-1	1041.53	853.96	1007.25	967.58	10.32	ppb
Silver	107-1	0.45	0.38	0.47	0.43	10.74	ppb
Silver	109-1	0.48	0.38	0.45	0.44	12.31	ppb
Sodium	23-2	254.02	256.78	316.43	275.74	12.79	ppb
Strontium	86-1	62.29	53.45	65.50	60.41	10.33	ppb
Strontium	88-1	61.70	51.42	63.20	58.77	10.91	ppb
Sulfur	34-1	-4432.30	-5461.06	-4814.94	-4902.76		ppb
Terbium	159-1				113		%
Terbium	159-2				100		%
Thallium	203-1	0.21	0.18	0.23	0.21	10.10	ppb
Thallium	205-1	0.21	0.17	0.23	0.20	12.95	ppb
Tin	118-1	2.24	1.88	2.39	2.17	12.23	ppb
Titanium	47-1	1101.98	902.56	1100.06	1034.87	11.07	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-15	Instrumnet Name :	P7
Client Sample ID :	MYDB54	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:47:50	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.57	0.72	0.66	12.58	ppb
Vanadium	51-2	134.07	135.11	154.57	141.25	8.18	ppb
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	304.76	303.18	355.43	321.12	9.25	ppb
Zirconium	90-1	7.04	5.98	7.16	6.72	9.64	ppb
Zirconium	91-1	7.26	6.08	7.38	6.91	10.42	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-16	Instrumnet Name :	P7
Client Sample ID :	MYDB55	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:51:01	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36761.96	36493.11	36930.03	36728.37	0.60	ppb
Antimony	121-1	2.03	2.13	2.07	2.08	2.44	ppb
Arsenic	75-2	193.22	190.27	193.50	192.33	0.93	ppb
Barium	135-1	297.78	303.13	301.28	300.73	0.90	ppb
Barium	137-1	300.12	306.21	303.09	303.14	1.01	ppb
Beryllium	9-1	1.58	1.46	1.52	1.52	3.95	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.79	2.38	2.99	2.72	11.34	ppb
Cadmium	106-1	2.57	2.36	1.79	2.24	18.09	ppb
Cadmium	111-1	2.36	2.38	2.24	2.32	3.30	ppb
Calcium	43-1	18781.02	19406.40	19050.10	19079.17	1.64	ppb
Calcium	44-1	17968.89	18395.52	18337.95	18234.12	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.00	43.61	43.71	43.77	0.46	ppb
Cobalt	59-2	31.81	30.42	31.01	31.08	2.23	ppb
Copper	63-2	158.54	152.22	154.77	155.18	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				106		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	87686.28	87021.33	89887.12	88198.24	1.70	ppb
Iron	57-2	87983.08	85341.23	87042.91	86789.08	1.54	ppb
Iron	54-2	88657.37	88753.22	86650.28	88020.29	1.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-16	Instrumnet Name :	P7
Client Sample ID :	MYDB55	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:51:01	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	162.68	164.50	164.10	163.76	0.59	ppb
Lead	207-1	172.14	172.50	173.68	172.77	0.46	ppb
Lead	208-1	166.56	168.84	168.20	167.87	0.70	ppb
Lithium	6-1				84		%
Magnesium	24-2	15764.23	15465.97	15620.67	15616.96	0.96	ppb
Manganese	55-2	1553.77	1509.85	1542.07	1535.23	1.48	ppb
Molybdenum	94-1	10.71	11.06	11.21	10.99	2.33	ppb
Molybdenum	95-1	0.94	0.92	0.98	0.95	3.20	ppb
Molybdenum	96-1	2.39	2.42	2.56	2.45	3.65	ppb
Molybdenum	97-1	0.90	0.95	1.07	0.98	8.95	ppb
Molybdenum	98-1	0.94	0.95	0.97	0.95	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.08	43.98	44.05	44.03	0.12	ppb
Phosphorus	31-2	3359.26	3231.60	3370.88	3320.58	2.33	ppb
Potassium	39-2	7452.90	7288.80	7326.05	7355.92	1.17	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	1.47	2.16	2.06	1.90	19.57	ppb
Selenium	77-2	14.35	17.44	16.88	16.22	10.17	ppb
Selenium	78-2	3.88	4.42	2.43	3.58	28.74	ppb
Silicon	28-1	1027.80	1043.64	1033.50	1034.98	0.78	ppb
Silver	107-1	0.82	0.81	0.80	0.81	0.90	ppb
Silver	109-1	0.81	0.78	0.82	0.80	2.48	ppb
Sodium	23-2	307.47	301.58	300.01	303.02	1.30	ppb
Strontium	86-1	74.17	73.41	74.94	74.17	1.03	ppb
Strontium	88-1	76.93	78.37	78.90	78.07	1.31	ppb
Sulfur	34-1	-4035.78	-3957.29	-4195.29	-4062.79		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.23	0.22	0.24	0.23	4.39	ppb
Thallium	205-1	0.24	0.25	0.25	0.25	1.05	ppb
Tin	118-1	3.23	3.31	3.35	3.30	1.86	ppb
Titanium	47-1	929.49	960.18	933.95	941.21	1.76	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-16	Instrumnet Name :	P7
Client Sample ID :	MYDB55	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:51:01	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.77	0.76	0.75	3.45	ppb
Vanadium	51-2	139.59	134.91	137.57	137.36	1.71	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	602.46	591.59	590.27	594.78	1.13	ppb
Zirconium	90-1	6.07	6.19	6.21	6.16	1.25	ppb
Zirconium	91-1	6.02	6.33	6.32	6.22	2.84	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-17	Instrumnet Name :	P7
Client Sample ID :	MYDB56	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:54:14	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51028.26	52771.35	51660.91	51820.17	1.70	ppb
Antimony	121-1	1.77	1.77	1.81	1.78	1.49	ppb
Arsenic	75-2	162.23	168.66	169.10	166.66	2.31	ppb
Barium	135-1	363.21	364.45	371.29	366.32	1.19	ppb
Barium	137-1	363.95	366.58	375.02	368.52	1.57	ppb
Beryllium	9-1	2.06	2.12	2.14	2.11	1.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.37	3.50	3.41	3.09	20.33	ppb
Cadmium	106-1	3.58	2.56	3.83	3.33	20.19	ppb
Cadmium	111-1	2.45	2.33	2.45	2.41	2.84	ppb
Calcium	43-1	23474.99	23917.01	23420.50	23604.17	1.15	ppb
Calcium	44-1	22770.18	22901.46	22807.84	22826.49	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.27	48.78	49.45	49.17	0.71	ppb
Cobalt	59-2	35.15	35.63	35.52	35.43	0.71	ppb
Copper	63-2	158.21	159.32	159.82	159.12	0.52	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				107		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	105478.48	105248.82	104214.70	104980.66	0.64	ppb
Iron	57-2	102887.90	102940.82	103612.20	103146.98	0.39	ppb
Iron	54-2	105351.28	105161.26	102638.63	104383.72	1.45	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-17	Instrumnet Name :	P7
Client Sample ID :	MYDB56	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:54:14	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.52	127.78	126.01	125.77	1.70	ppb
Lead	207-1	129.55	133.38	131.25	131.39	1.46	ppb
Lead	208-1	126.65	130.18	128.03	128.29	1.39	ppb
Lithium	6-1				87		%
Magnesium	24-2	17577.37	17420.55	17658.40	17552.11	0.69	ppb
Manganese	55-2	1967.36	1970.11	1929.27	1955.58	1.17	ppb
Molybdenum	94-1	20.15	20.13	20.14	20.14	0.05	ppb
Molybdenum	95-1	1.05	1.01	1.02	1.03	1.79	ppb
Molybdenum	96-1	3.62	3.55	3.58	3.58	1.06	ppb
Molybdenum	97-1	1.03	1.06	1.10	1.06	3.25	ppb
Molybdenum	98-1	1.03	1.01	0.95	1.00	4.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.18	49.01	50.36	49.52	1.48	ppb
Phosphorus	31-2	2879.47	2948.38	2874.22	2900.69	1.43	ppb
Potassium	39-2	6819.93	6953.11	6914.97	6896.00	0.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	2.03	1.57	0.34	1.31	66.69	ppb
Selenium	77-2	18.34	17.05	21.92	19.10	13.20	ppb
Selenium	78-2	1.13	4.07	4.09	3.10	55.07	ppb
Silicon	28-1	891.56	890.19	877.00	886.25	0.91	ppb
Silver	107-1	0.69	0.72	0.71	0.71	1.93	ppb
Silver	109-1	0.72	0.67	0.69	0.69	3.06	ppb
Sodium	23-2	252.93	256.34	252.86	254.04	0.78	ppb
Strontium	86-1	106.69	107.78	106.72	107.07	0.58	ppb
Strontium	88-1	109.78	113.11	109.83	110.91	1.72	ppb
Sulfur	34-1	-2681.08	-2700.92	-2629.50	-2670.50		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.29	0.33	0.30	0.31	6.57	ppb
Thallium	205-1	0.30	0.32	0.30	0.31	3.89	ppb
Tin	118-1	2.78	2.75	2.88	2.81	2.44	ppb
Titanium	47-1	1106.88	1107.51	1114.38	1109.59	0.38	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-17	Instrumnet Name :	P7
Client Sample ID :	MYDB56	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:54:14	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.96	0.92	0.93	2.39	ppb
Vanadium	51-2	159.85	160.29	159.62	159.92	0.21	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	561.14	559.64	562.83	561.20	0.28	ppb
Zirconium	90-1	11.48	11.59	11.66	11.58	0.80	ppb
Zirconium	91-1	11.81	11.45	11.55	11.60	1.62	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-18	Instrumnet Name :	P7
Client Sample ID :	MYDB57	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:57:23	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28578.81	28056.71	28809.48	28481.67	1.35	ppb
Antimony	121-1	2.30	2.54	2.48	2.44	5.00	ppb
Arsenic	75-2	145.16	145.20	142.67	144.34	1.00	ppb
Barium	135-1	179.74	194.36	199.13	191.08	5.29	ppb
Barium	137-1	186.35	193.65	193.43	191.15	2.17	ppb
Beryllium	9-1	1.21	1.04	1.18	1.14	7.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.03	2.18	2.73	2.32	15.90	ppb
Cadmium	106-1	2.66	2.13	1.39	2.06	31.04	ppb
Cadmium	111-1	1.80	2.11	1.95	1.95	8.09	ppb
Calcium	43-1	13425.79	13729.97	12785.83	13313.86	3.62	ppb
Calcium	44-1	12640.34	13069.59	12619.59	12776.51	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.87	31.90	32.43	32.06	0.98	ppb
Cobalt	59-2	23.94	24.05	23.75	23.91	0.65	ppb
Copper	63-2	116.15	115.79	117.07	116.34	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				107		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	66500.35	66743.28	66014.84	66419.49	0.56	ppb
Iron	57-2	65640.51	65313.49	65776.23	65576.74	0.36	ppb
Iron	54-2	66022.87	66219.91	67017.53	66420.10	0.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-18	Instrumnet Name :	P7
Client Sample ID :	MYDB57	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:57:23	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	122.05	123.53	130.93	125.51	3.79	ppb
Lead	207-1	136.18	128.38	133.46	132.67	2.99	ppb
Lead	208-1	127.07	127.78	129.99	128.28	1.19	ppb
Lithium	6-1				90		%
Magnesium	24-2	11050.55	10834.03	11212.49	11032.36	1.72	ppb
Manganese	55-2	1483.95	1516.32	1474.25	1491.51	1.48	ppb
Molybdenum	94-1	9.20	9.02	9.35	9.19	1.82	ppb
Molybdenum	95-1	0.88	0.79	0.91	0.86	7.23	ppb
Molybdenum	96-1	2.10	1.98	2.16	2.08	4.42	ppb
Molybdenum	97-1	0.84	0.78	0.92	0.85	8.16	ppb
Molybdenum	98-1	0.83	0.79	0.90	0.84	6.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.07	31.31	32.02	31.47	1.58	ppb
Phosphorus	31-2	2095.19	2079.34	2142.75	2105.76	1.57	ppb
Potassium	39-2	6689.11	6758.98	6841.60	6763.23	1.13	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1.18	0.17	1.28	0.88	69.64	ppb
Selenium	77-2	13.22	15.17	11.94	13.45	12.08	ppb
Selenium	78-2	4.50	2.40	2.11	3.01	43.41	ppb
Silicon	28-1	898.91	890.23	897.35	895.50	0.52	ppb
Silver	107-1	0.64	0.72	0.73	0.70	6.70	ppb
Silver	109-1	0.65	0.74	0.71	0.70	6.44	ppb
Sodium	23-2	181.60	185.73	188.98	185.44	1.99	ppb
Strontium	86-1	61.91	57.42	61.60	60.31	4.16	ppb
Strontium	88-1	59.53	57.72	60.66	59.30	2.51	ppb
Sulfur	34-1	-3066.86	-3452.53	-3823.54	-3447.64		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.24	0.24	0.24	3.09	ppb
Thallium	205-1	0.24	0.25	0.25	0.24	1.64	ppb
Tin	118-1	2.91	3.01	3.03	2.98	2.17	ppb
Titanium	47-1	980.64	947.68	929.15	952.49	2.74	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-18	Instrumnet Name :	P7
Client Sample ID :	MYDB57	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:57:23	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.61	0.65	0.63	2.68	ppb
Vanadium	51-2	98.75	97.40	98.46	98.20	0.72	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	490.62	491.95	496.95	493.18	0.68	ppb
Zirconium	90-1	5.05	4.93	5.47	5.15	5.46	ppb
Zirconium	91-1	5.43	4.91	5.45	5.26	5.84	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-19	Instrumnet Name :	P7
Client Sample ID :	MYDB58	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:00:38	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38682.84	38668.90	38299.12	38550.29	0.56	ppb
Antimony	121-1	2.99	2.58	2.94	2.84	7.86	ppb
Arsenic	75-2	216.15	222.60	224.91	221.22	2.05	ppb
Barium	135-1	250.06	224.09	252.70	242.28	6.52	ppb
Barium	137-1	250.91	222.55	256.68	243.38	7.51	ppb
Beryllium	9-1	1.47	1.34	1.48	1.43	5.36	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.09	2.39	3.01	2.83	13.43	ppb
Cadmium	106-1	3.76	2.60	1.67	2.68	38.96	ppb
Cadmium	111-1	2.72	2.25	2.37	2.44	9.94	ppb
Calcium	43-1	14829.66	12748.68	14624.10	14067.48	8.15	ppb
Calcium	44-1	13830.58	12394.42	13982.54	13402.51	6.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.55	45.33	45.96	45.62	0.70	ppb
Cobalt	59-2	33.67	34.07	34.11	33.95	0.71	ppb
Copper	63-2	152.33	153.61	152.47	152.80	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	93929.38	94409.52	95776.96	94705.28	1.01	ppb
Iron	57-2	92479.50	94140.86	93221.58	93280.65	0.89	ppb
Iron	54-2	94827.76	94554.80	94054.35	94478.97	0.42	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-19	Instrumnet Name :	P7
Client Sample ID :	MYDB58	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:00:38	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	159.74	139.09	161.58	153.47	8.14	ppb
Lead	207-1	168.50	144.77	168.22	160.49	8.49	ppb
Lead	208-1	165.73	140.74	164.59	157.02	8.99	ppb
Lithium	6-1				90		%
Magnesium	24-2	14168.89	13820.43	14212.08	14067.13	1.53	ppb
Manganese	55-2	1566.39	1588.79	1590.41	1581.86	0.85	ppb
Molybdenum	94-1	16.96	14.44	16.39	15.93	8.28	ppb
Molybdenum	95-1	1.12	0.97	1.09	1.06	7.47	ppb
Molybdenum	96-1	3.21	2.81	3.23	3.08	7.65	ppb
Molybdenum	97-1	1.09	0.94	1.12	1.05	9.05	ppb
Molybdenum	98-1	1.09	0.93	1.13	1.05	9.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.86	40.04	40.80	40.23	1.24	ppb
Phosphorus	31-2	2457.12	2492.48	2469.66	2473.08	0.72	ppb
Potassium	39-2	6288.32	6278.49	6240.97	6269.26	0.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	1.30	0.74	1.26	1.10	28.56	ppb
Selenium	77-2	14.14	13.20	14.19	13.84	4.05	ppb
Selenium	78-2	3.50	3.93	2.60	3.35	20.35	ppb
Silicon	28-1	835.13	747.26	847.74	810.04	6.76	ppb
Silver	107-1	0.93	0.76	0.87	0.85	10.35	ppb
Silver	109-1	0.89	0.77	0.85	0.84	7.62	ppb
Sodium	23-2	207.06	210.21	211.02	209.43	1.00	ppb
Strontium	86-1	68.93	60.36	70.36	66.55	8.13	ppb
Strontium	88-1	71.90	61.85	71.84	68.53	8.44	ppb
Sulfur	34-1	-4422.42	-5102.90	-4437.53	-4654.28		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.24	0.22	0.29	0.25	15.76	ppb
Thallium	205-1	0.26	0.22	0.26	0.25	10.18	ppb
Tin	118-1	2.83	2.46	2.80	2.70	7.55	ppb
Titanium	47-1	1130.24	1005.99	1142.22	1092.82	6.90	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-19	Instrumnet Name :	P7
Client Sample ID :	MYDB58	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:00:38	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.74	0.89	0.82	9.26	ppb
Vanadium	51-2	151.46	155.06	153.28	153.27	1.17	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	612.76	620.71	612.89	615.45	0.74	ppb
Zirconium	90-1	9.25	8.27	9.48	9.00	7.16	ppb
Zirconium	91-1	9.31	8.26	9.63	9.07	7.91	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-20	Instrumnet Name :	P7
Client Sample ID :	MYDB59	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:03:48	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39085.01	39825.46	40008.15	39639.54	1.23	ppb
Antimony	121-1	1.54	1.53	1.49	1.52	1.90	ppb
Arsenic	75-2	119.29	121.98	118.52	119.93	1.51	ppb
Barium	135-1	279.42	281.69	286.81	282.64	1.34	ppb
Barium	137-1	281.58	285.79	284.91	284.10	0.78	ppb
Beryllium	9-1	1.71	1.68	1.71	1.70	0.97	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.57	3.60	2.56	2.91	20.48	ppb
Cadmium	106-1	2.85	2.56	1.88	2.43	20.46	ppb
Cadmium	111-1	2.38	2.17	2.26	2.27	4.69	ppb
Calcium	43-1	18574.99	18709.03	18730.99	18671.67	0.45	ppb
Calcium	44-1	17876.63	18111.45	18098.60	18028.89	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.21	40.64	40.67	40.51	0.64	ppb
Cobalt	59-2	36.15	36.69	37.06	36.64	1.25	ppb
Copper	63-2	151.57	153.22	154.95	153.25	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				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	86072.54	85707.42	85036.15	85605.37	0.61	ppb
Iron	57-2	83562.40	85078.35	85033.24	84558.00	1.02	ppb
Iron	54-2	84665.71	83899.24	86093.66	84886.20	1.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-20	Instrumnet Name :	P7
Client Sample ID :	MYDB59	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:03:48	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	101.11	102.65	105.38	103.05	2.10	ppb
Lead	207-1	105.92	106.64	108.70	107.09	1.35	ppb
Lead	208-1	103.02	104.46	106.11	104.53	1.48	ppb
Lithium	6-1				84		%
Magnesium	24-2	15220.20	15067.25	15283.69	15190.38	0.73	ppb
Manganese	55-2	1794.49	1782.64	1774.03	1783.72	0.58	ppb
Molybdenum	94-1	13.77	13.83	14.15	13.92	1.46	ppb
Molybdenum	95-1	0.92	0.93	0.94	0.93	1.20	ppb
Molybdenum	96-1	2.63	2.76	2.74	2.71	2.63	ppb
Molybdenum	97-1	0.86	0.87	0.92	0.88	3.98	ppb
Molybdenum	98-1	0.88	0.90	0.91	0.90	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.58	42.83	43.27	43.23	0.86	ppb
Phosphorus	31-2	2081.80	2075.38	2116.61	2091.26	1.06	ppb
Potassium	39-2	6720.58	6637.54	6830.28	6729.47	1.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.60	1.37	0.99	0.99	38.78	ppb
Selenium	77-2	18.13	15.28	13.45	15.62	15.08	ppb
Selenium	78-2	3.02	2.96	5.69	3.89	39.95	ppb
Silicon	28-1	1114.01	1109.40	1131.45	1118.28	1.04	ppb
Silver	107-1	0.55	0.52	0.54	0.54	1.97	ppb
Silver	109-1	0.53	0.52	0.56	0.54	4.11	ppb
Sodium	23-2	244.65	244.68	248.76	246.03	0.96	ppb
Strontium	86-1	87.99	91.17	92.02	90.40	2.35	ppb
Strontium	88-1	93.07	94.03	95.76	94.28	1.45	ppb
Sulfur	34-1	-4145.23	-4322.94	-4287.22	-4251.80		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.23	0.25	0.24	0.24	3.66	ppb
Thallium	205-1	0.25	0.25	0.27	0.25	3.93	ppb
Tin	118-1	2.43	2.43	2.51	2.45	1.86	ppb
Titanium	47-1	946.09	952.71	951.83	950.21	0.38	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-20	Instrumnet Name :	P7
Client Sample ID :	MYDB59	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:03:48	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.81	0.83	0.82	1.77	ppb
Vanadium	51-2	118.37	119.30	121.09	119.59	1.16	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	473.18	482.07	478.87	478.04	0.94	ppb
Zirconium	90-1	7.54	8.00	8.05	7.86	3.61	ppb
Zirconium	91-1	7.79	8.12	7.98	7.97	2.13	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-21	Instrumnet Name :	P7
Client Sample ID :	MYDB60	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:07:01	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24246.24	23872.47	24484.86	24201.19	1.28	ppb
Antimony	121-1	2.00	2.14	2.02	2.05	3.61	ppb
Arsenic	75-2	188.72	187.65	184.70	187.03	1.11	ppb
Barium	135-1	203.08	199.54	206.34	202.98	1.68	ppb
Barium	137-1	195.14	200.19	200.45	198.60	1.51	ppb
Beryllium	9-1	1.07	1.18	1.15	1.13	5.08	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.30	3.83	2.79	2.97	26.29	ppb
Cadmium	106-1	1.71	2.36	2.47	2.18	18.80	ppb
Cadmium	111-1	2.49	2.39	2.63	2.50	4.77	ppb
Calcium	43-1	12193.36	13582.06	13171.60	12982.34	5.50	ppb
Calcium	44-1	12165.91	12680.69	13044.49	12630.36	3.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.55	27.74	28.05	28.11	1.44	ppb
Cobalt	59-2	29.17	29.32	28.74	29.07	1.03	ppb
Copper	63-2	136.66	135.21	133.37	135.08	1.22	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				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	64923.14	64306.84	63042.23	64090.73	1.50	ppb
Iron	57-2	62774.34	63830.48	63493.71	63366.17	0.85	ppb
Iron	54-2	64751.19	64202.51	63059.08	64004.26	1.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-21	Instrumnet Name :	P7
Client Sample ID :	MYDB60	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:07:01	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	162.98	156.14	159.65	159.59	2.14	ppb
Lead	207-1	167.47	165.42	165.78	166.22	0.66	ppb
Lead	208-1	162.64	164.58	161.73	162.98	0.89	ppb
Lithium	6-1				86		%
Magnesium	24-2	10707.41	10714.55	10734.47	10718.81	0.13	ppb
Manganese	55-2	1479.70	1470.56	1422.27	1457.51	2.12	ppb
Molybdenum	94-1	7.66	8.17	7.71	7.85	3.60	ppb
Molybdenum	95-1	0.82	0.85	0.78	0.82	4.50	ppb
Molybdenum	96-1	1.86	1.82	1.76	1.81	2.80	ppb
Molybdenum	97-1	0.76	0.79	0.76	0.77	1.79	ppb
Molybdenum	98-1	0.77	0.85	0.76	0.79	6.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.64	32.09	32.06	31.93	0.79	ppb
Phosphorus	31-2	2273.59	2275.94	2137.11	2228.88	3.57	ppb
Potassium	39-2	5835.30	5765.06	5611.39	5737.25	2.00	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	1.14	1.08	1.15	1.13	3.50	ppb
Selenium	77-2	8.95	13.28	12.84	11.69	20.40	ppb
Selenium	78-2	1.68	1.50	1.02	1.40	24.55	ppb
Silicon	28-1	1023.40	1088.54	1070.51	1060.82	3.17	ppb
Silver	107-1	0.78	0.77	0.80	0.78	1.92	ppb
Silver	109-1	0.76	0.76	0.76	0.76	0.21	ppb
Sodium	23-2	184.63	184.03	183.25	183.97	0.38	ppb
Strontium	86-1	59.79	60.46	59.56	59.94	0.78	ppb
Strontium	88-1	59.78	63.25	59.29	60.77	3.55	ppb
Sulfur	34-1	-4439.12	-4106.15	-4308.52	-4284.60		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.21	0.21	0.22	4.42	ppb
Thallium	205-1	0.22	0.22	0.21	0.21	2.32	ppb
Tin	118-1	2.91	2.96	2.99	2.95	1.45	ppb
Titanium	47-1	677.44	709.69	700.53	695.89	2.39	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-21	Instrumnet Name :	P7
Client Sample ID :	MYDB60	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:07:01	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.61	0.57	0.60	3.43	ppb
Vanadium	51-2	94.63	93.91	91.98	93.51	1.46	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	557.04	552.34	550.53	553.30	0.61	ppb
Zirconium	90-1	4.40	4.27	4.40	4.36	1.61	ppb
Zirconium	91-1	4.34	4.36	4.28	4.33	0.95	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-22	Instrumnet Name :	P7
Client Sample ID :	MYDB62	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:10:13	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45271.00	44960.40	44583.47	44938.29	0.77	ppb
Antimony	121-1	0.95	0.95	1.00	0.96	3.09	ppb
Arsenic	75-2	60.01	57.74	59.87	59.21	2.15	ppb
Barium	135-1	271.42	273.40	279.17	274.66	1.47	ppb
Barium	137-1	275.22	277.63	282.44	278.43	1.32	ppb
Beryllium	9-1	1.62	1.73	1.78	1.71	4.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.11	1.04	1.14	1.09	4.65	ppb
Cadmium	106-1	1.22	0.70	0.92	0.95	27.51	ppb
Cadmium	111-1	0.48	0.49	0.49	0.49	0.76	ppb
Calcium	43-1	16300.54	17092.08	16642.13	16678.25	2.38	ppb
Calcium	44-1	15950.46	16332.92	15934.47	16072.62	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.36	42.22	41.42	42.00	1.21	ppb
Cobalt	59-2	33.67	32.89	32.93	33.16	1.32	ppb
Copper	63-2	90.76	89.27	87.61	89.21	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				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	88260.86	87262.87	87337.09	87620.27	0.63	ppb
Iron	57-2	87132.80	86881.83	86110.84	86708.49	0.61	ppb
Iron	54-2	88785.87	87123.20	86502.21	87470.43	1.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-22	Instrumnet Name :	P7
Client Sample ID :	MYDB62	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:10:13	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.37	27.19	27.15	26.91	1.72	ppb
Lead	207-1	25.82	26.40	26.10	26.11	1.12	ppb
Lead	208-1	25.82	26.58	26.30	26.23	1.47	ppb
Lithium	6-1				84		%
Magnesium	24-2	16841.60	16673.93	16620.55	16712.03	0.69	ppb
Manganese	55-2	1195.77	1179.09	1177.77	1184.21	0.85	ppb
Molybdenum	94-1	14.57	14.62	14.78	14.66	0.75	ppb
Molybdenum	95-1	0.76	0.72	0.69	0.72	4.46	ppb
Molybdenum	96-1	2.60	2.61	2.71	2.64	2.31	ppb
Molybdenum	97-1	0.71	0.77	0.73	0.74	4.46	ppb
Molybdenum	98-1	0.71	0.70	0.71	0.71	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.07	38.48	37.40	37.99	1.43	ppb
Phosphorus	31-2	1860.49	1754.95	1819.88	1811.77	2.94	ppb
Potassium	39-2	3959.32	3986.70	3855.84	3933.96	1.75	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.94	-0.18	0.84	0.53	116.26	ppb
Selenium	77-2	21.76	12.60	11.17	15.18	37.88	ppb
Selenium	78-2	5.56	2.10	1.52	3.06	71.38	ppb
Silicon	28-1	946.38	966.83	961.98	958.40	1.12	ppb
Silver	107-1	0.16	0.16	0.16	0.16	2.55	ppb
Silver	109-1	0.16	0.16	0.16	0.16	2.25	ppb
Sodium	23-2	237.82	239.72	236.36	237.96	0.71	ppb
Strontium	86-1	82.61	84.07	85.06	83.91	1.47	ppb
Strontium	88-1	85.49	87.11	87.75	86.78	1.35	ppb
Sulfur	34-1	-4884.93	-4724.80	-4953.77	-4854.50		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.17	0.16	0.16	10.12	ppb
Thallium	205-1	0.16	0.16	0.17	0.16	3.63	ppb
Tin	118-1	2.94	3.00	3.15	3.03	3.58	ppb
Titanium	47-1	992.49	1043.43	1016.17	1017.36	2.51	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-22	Instrumnet Name :	P7
Client Sample ID :	MYDB62	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:10:13	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.76	0.74	0.75	1.44	ppb
Vanadium	51-2	145.40	144.38	142.67	144.15	0.96	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	176.89	174.10	173.43	174.81	1.05	ppb
Zirconium	90-1	8.43	8.73	8.54	8.57	1.74	ppb
Zirconium	91-1	8.62	8.61	8.77	8.67	1.03	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-01	Instrumnet Name :	P7
Client Sample ID :	MYDB73	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:13:27	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55176.39	55516.42	55345.41	55346.07	0.31	ppb
Antimony	121-1	1.64	1.66	1.62	1.64	1.12	ppb
Arsenic	75-2	159.79	164.82	165.02	163.21	1.82	ppb
Barium	135-1	376.67	381.23	381.49	379.80	0.71	ppb
Barium	137-1	380.00	383.27	381.86	381.71	0.43	ppb
Beryllium	9-1	2.30	2.08	2.19	2.19	5.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.45	2.84	2.75	2.68	7.66	ppb
Cadmium	106-1	2.46	1.77	2.32	2.18	16.73	ppb
Cadmium	111-1	1.92	1.88	1.98	1.93	2.66	ppb
Calcium	43-1	18681.74	18917.06	18630.91	18743.24	0.81	ppb
Calcium	44-1	17922.96	18150.55	18362.97	18145.49	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.78	59.51	59.60	59.63	0.23	ppb
Cobalt	59-2	43.26	43.54	44.10	43.63	0.98	ppb
Copper	63-2	172.42	172.87	174.06	173.12	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	115912.23	115234.41	117472.22	116206.29	0.99	ppb
Iron	57-2	115336.37	113734.40	113907.66	114326.15	0.77	ppb
Iron	54-2	115566.07	114105.42	115037.45	114902.98	0.64	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 :	P4316-01	Instrumnet Name :	P7
Client Sample ID :	MYDB73	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:13:27	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	101.70	102.08	103.83	102.54	1.11	ppb
Lead	207-1	104.98	104.25	104.74	104.66	0.35	ppb
Lead	208-1	102.33	102.49	103.86	102.89	0.82	ppb
Lithium	6-1				84		%
Magnesium	24-2	19137.60	19570.51	19484.70	19397.60	1.18	ppb
Manganese	55-2	1776.57	1752.26	1789.96	1772.93	1.08	ppb
Molybdenum	94-1	17.65	17.42	17.06	17.38	1.72	ppb
Molybdenum	95-1	1.02	0.95	1.01	1.00	3.93	ppb
Molybdenum	96-1	3.31	3.21	3.39	3.30	2.76	ppb
Molybdenum	97-1	1.04	0.92	0.95	0.97	6.54	ppb
Molybdenum	98-1	0.96	0.94	0.95	0.95	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.39	53.03	52.87	52.76	0.64	ppb
Phosphorus	31-2	2474.77	2443.76	2449.30	2455.94	0.67	ppb
Potassium	39-2	6464.66	6494.72	6550.75	6503.38	0.67	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.67	1.29	1.95	1.30	49.11	ppb
Selenium	77-2	24.06	24.91	20.01	22.99	11.38	ppb
Selenium	78-2	4.25	3.95	4.93	4.38	11.50	ppb
Silicon	28-1	1024.13	1030.19	1011.56	1021.96	0.93	ppb
Silver	107-1	0.61	0.64	0.65	0.63	3.01	ppb
Silver	109-1	0.64	0.62	0.66	0.64	3.58	ppb
Sodium	23-2	207.21	206.44	211.39	208.35	1.28	ppb
Strontium	86-1	90.52	89.96	90.16	90.22	0.31	ppb
Strontium	88-1	92.97	93.19	92.74	92.96	0.24	ppb
Sulfur	34-1	-4200.02	-4194.27	-4325.80	-4240.03		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.29	0.26	0.28	0.28	5.13	ppb
Thallium	205-1	0.29	0.28	0.30	0.29	3.51	ppb
Tin	118-1	2.57	2.64	2.56	2.59	1.68	ppb
Titanium	47-1	841.09	854.17	848.83	848.03	0.78	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-01	Instrumnet Name :	P7
Client Sample ID :	MYDB73	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:13:27	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.03	1.06	1.05	1.44	ppb
Vanadium	51-2	174.45	176.26	176.67	175.79	0.67	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	472.92	470.67	482.48	475.36	1.32	ppb
Zirconium	90-1	10.08	10.02	9.88	9.99	1.00	ppb
Zirconium	91-1	10.09	10.15	10.25	10.16	0.78	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-02	Instrumnet Name :	P7
Client Sample ID :	MYDB74	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:16:38	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37828.77	37811.45	37206.28	37615.50	0.94	ppb
Antimony	121-1	0.90	0.96	0.96	0.94	3.83	ppb
Arsenic	75-2	52.50	53.71	53.46	53.22	1.21	ppb
Barium	135-1	397.66	407.05	398.98	401.23	1.27	ppb
Barium	137-1	400.27	406.99	398.79	402.02	1.09	ppb
Beryllium	9-1	1.58	1.67	1.57	1.61	3.49	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.93	1.11	0.88	0.98	12.34	ppb
Cadmium	106-1	1.23	1.39	0.40	1.01	52.50	ppb
Cadmium	111-1	0.44	0.44	0.37	0.42	9.57	ppb
Calcium	43-1	15893.03	16018.34	16092.47	16001.28	0.63	ppb
Calcium	44-1	15199.23	15276.45	15415.52	15297.07	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.41	51.24	50.05	50.57	1.21	ppb
Cobalt	59-2	39.37	39.68	38.91	39.32	0.99	ppb
Copper	63-2	88.32	87.41	86.85	87.53	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				104		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	97436.41	95189.37	95113.14	95912.98	1.38	ppb
Iron	57-2	98059.71	93897.63	92951.63	94969.66	2.86	ppb
Iron	54-2	96106.68	96251.85	94370.51	95576.35	1.10	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-02	Instrumnet Name :	P7
Client Sample ID :	MYDB74	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:16:38	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.10	39.51	38.42	38.34	3.15	ppb
Lead	207-1	35.97	37.75	37.30	37.01	2.50	ppb
Lead	208-1	36.25	38.16	37.23	37.21	2.57	ppb
Lithium	6-1				86		%
Magnesium	24-2	14695.74	14394.89	14517.33	14535.99	1.04	ppb
Manganese	55-2	1575.97	1577.10	1552.73	1568.60	0.88	ppb
Molybdenum	94-1	14.43	14.90	14.68	14.67	1.62	ppb
Molybdenum	95-1	1.06	1.18	1.09	1.11	5.58	ppb
Molybdenum	96-1	3.03	3.11	2.94	3.03	2.71	ppb
Molybdenum	97-1	1.09	1.27	1.06	1.14	10.22	ppb
Molybdenum	98-1	1.08	1.16	1.10	1.11	4.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.41	39.87	38.83	39.37	1.33	ppb
Phosphorus	31-2	1972.78	1920.76	1973.70	1955.75	1.55	ppb
Potassium	39-2	3424.82	3439.92	3364.63	3409.79	1.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.07	-0.33	-0.10	-0.12		ppb
Selenium	77-2	14.41	16.14	13.21	14.58	10.11	ppb
Selenium	78-2	4.56	3.03	5.11	4.23	25.47	ppb
Silicon	28-1	862.82	878.15	874.37	871.78	0.92	ppb
Silver	107-1	0.20	0.20	0.20	0.20	1.60	ppb
Silver	109-1	0.20	0.21	0.21	0.21	2.81	ppb
Sodium	23-2	250.77	252.19	248.12	250.36	0.82	ppb
Strontium	86-1	73.32	75.94	74.26	74.51	1.79	ppb
Strontium	88-1	76.55	78.95	78.33	77.94	1.60	ppb
Sulfur	34-1	-4613.74	-4608.37	-4650.01	-4624.04		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.19	0.18	0.18	0.18	2.05	ppb
Thallium	205-1	0.16	0.17	0.15	0.16	5.97	ppb
Tin	118-1	2.48	2.60	2.51	2.53	2.51	ppb
Titanium	47-1	892.18	927.01	913.04	910.74	1.92	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-02	Instrumnet Name :	P7
Client Sample ID :	MYDB74	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:16:38	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.91	0.88	0.88	3.08	ppb
Vanadium	51-2	175.50	174.87	173.77	174.71	0.50	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	160.43	159.96	156.17	158.85	1.47	ppb
Zirconium	90-1	8.04	8.42	8.20	8.22	2.31	ppb
Zirconium	91-1	8.12	8.41	8.23	8.25	1.77	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-03	Instrumnet Name :	P7
Client Sample ID :	MYDB75	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:19:53	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40767.88	40489.56	40429.32	40562.25	0.45	ppb
Antimony	121-1	1.19	1.28	1.26	1.25	3.86	ppb
Arsenic	75-2	114.73	113.41	113.20	113.78	0.73	ppb
Barium	135-1	290.43	314.43	310.38	305.08	4.21	ppb
Barium	137-1	305.11	316.48	313.35	311.65	1.88	ppb
Beryllium	9-1	1.71	1.75	1.90	1.79	5.76	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.75	2.09	1.82	1.89	9.45	ppb
Cadmium	106-1	1.41	2.10	1.26	1.59	28.04	ppb
Cadmium	111-1	1.21	1.40	1.25	1.29	7.85	ppb
Calcium	43-1	14388.37	15029.99	14256.71	14558.35	2.84	ppb
Calcium	44-1	14096.85	14021.58	13451.24	13856.56	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.17	48.33	47.46	47.99	0.97	ppb
Cobalt	59-2	38.15	37.83	37.85	37.94	0.48	ppb
Copper	63-2	148.06	145.76	144.62	146.15	1.20	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				101		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	95725.37	94211.37	94099.44	94678.72	0.96	ppb
Iron	57-2	92972.00	93309.36	92854.08	93045.15	0.25	ppb
Iron	54-2	95128.35	94375.47	93736.19	94413.34	0.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-03	Instrumnet Name :	P7
Client Sample ID :	MYDB75	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:19:53	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	77.50	77.41	79.03	77.98	1.17	ppb
Lead	207-1	83.34	77.96	81.82	81.04	3.42	ppb
Lead	208-1	79.15	78.73	80.10	79.33	0.88	ppb
Lithium	6-1				84		%
Magnesium	24-2	14926.57	15351.11	15341.69	15206.45	1.59	ppb
Manganese	55-2	1479.06	1468.47	1452.46	1466.66	0.91	ppb
Molybdenum	94-1	13.73	14.19	13.72	13.88	1.93	ppb
Molybdenum	95-1	0.87	0.90	0.92	0.89	2.64	ppb
Molybdenum	96-1	2.81	2.72	2.65	2.73	2.93	ppb
Molybdenum	97-1	0.89	0.94	0.89	0.90	3.49	ppb
Molybdenum	98-1	0.88	0.85	0.84	0.85	2.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.73	42.12	41.77	42.20	1.15	ppb
Phosphorus	31-2	2086.70	2070.09	2032.08	2062.96	1.36	ppb
Potassium	39-2	4665.98	4526.32	4684.46	4625.59	1.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.70	1.03	0.57	0.77	30.67	ppb
Selenium	77-2	17.22	22.98	20.40	20.20	14.28	ppb
Selenium	78-2	6.25	2.97	2.74	3.99	49.28	ppb
Silicon	28-1	866.01	874.52	840.40	860.31	2.06	ppb
Silver	107-1	0.73	0.83	0.78	0.78	6.12	ppb
Silver	109-1	0.78	0.79	0.85	0.81	4.52	ppb
Sodium	23-2	198.73	199.27	193.72	197.24	1.55	ppb
Strontium	86-1	72.73	67.52	67.71	69.32	4.26	ppb
Strontium	88-1	69.74	70.74	73.80	71.42	2.96	ppb
Sulfur	34-1	-4306.72	-4479.45	-4697.05	-4494.41		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.25	0.22	0.23	0.23	7.31	ppb
Thallium	205-1	0.22	0.22	0.24	0.23	3.37	ppb
Tin	118-1	2.64	2.73	2.77	2.71	2.36	ppb
Titanium	47-1	880.23	883.41	863.21	875.62	1.24	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-03	Instrumnet Name :	P7
Client Sample ID :	MYDB75	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:19:53	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.88	0.95	0.92	4.16	ppb
Vanadium	51-2	172.25	170.42	167.47	170.05	1.42	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	317.87	318.33	317.70	317.97	0.10	ppb
Zirconium	90-1	7.65	7.75	7.72	7.71	0.65	ppb
Zirconium	91-1	8.10	7.61	7.65	7.79	3.48	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-04	Instrumnet Name :	P7
Client Sample ID :	MYDB76	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:23:06	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41905.47	42487.14	42835.02	42409.21	1.11	ppb
Antimony	121-1	1.54	1.49	1.60	1.54	3.55	ppb
Arsenic	75-2	129.29	129.58	129.28	129.38	0.13	ppb
Barium	135-1	308.30	307.51	317.27	311.03	1.74	ppb
Barium	137-1	319.50	312.52	317.11	316.38	1.12	ppb
Beryllium	9-1	1.94	1.97	1.88	1.93	2.19	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.10	2.11	1.98	2.06	3.39	ppb
Cadmium	106-1	3.00	1.79	1.95	2.24	29.33	ppb
Cadmium	111-1	1.72	1.65	1.80	1.73	4.55	ppb
Calcium	43-1	14286.74	14613.92	15347.85	14749.50	3.68	ppb
Calcium	44-1	13750.06	14180.90	14586.63	14172.53	2.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.08	50.95	51.43	51.15	0.49	ppb
Cobalt	59-2	39.58	39.51	39.82	39.64	0.42	ppb
Copper	63-2	156.51	155.04	157.24	156.26	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	102496.69	100945.20	103780.43	102407.44	1.39	ppb
Iron	57-2	100906.45	100410.25	101123.93	100813.54	0.36	ppb
Iron	54-2	102148.74	102544.63	101650.10	102114.49	0.44	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-04	Instrumnet Name :	P7
Client Sample ID :	MYDB76	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:23:06	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	85.15	85.96	84.74	85.28	0.73	ppb
Lead	207-1	87.79	88.76	85.58	87.37	1.86	ppb
Lead	208-1	87.61	86.81	86.40	86.94	0.70	ppb
Lithium	6-1				83		%
Magnesium	24-2	15670.91	15424.07	15589.94	15561.64	0.81	ppb
Manganese	55-2	1454.10	1436.47	1460.97	1450.51	0.87	ppb
Molybdenum	94-1	16.19	16.08	15.75	16.01	1.44	ppb
Molybdenum	95-1	1.05	1.06	1.05	1.06	0.82	ppb
Molybdenum	96-1	3.22	3.17	3.02	3.13	3.28	ppb
Molybdenum	97-1	1.15	1.04	1.08	1.09	5.06	ppb
Molybdenum	98-1	1.02	1.07	1.00	1.03	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.60	45.65	46.21	46.15	1.04	ppb
Phosphorus	31-2	2340.91	2310.60	2318.67	2323.39	0.68	ppb
Potassium	39-2	5596.12	5481.09	5542.21	5539.81	1.04	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.81	0.10	0.39	0.43	83.08	ppb
Selenium	77-2	13.86	18.74	18.47	17.02	16.13	ppb
Selenium	78-2	4.10	2.39	0.59	2.36	74.22	ppb
Silicon	28-1	859.75	916.50	922.46	899.57	3.85	ppb
Silver	107-1	0.55	0.52	0.60	0.56	7.38	ppb
Silver	109-1	0.56	0.56	0.53	0.55	2.88	ppb
Sodium	23-2	194.71	194.68	202.29	197.23	2.22	ppb
Strontium	86-1	68.18	69.09	66.83	68.03	1.67	ppb
Strontium	88-1	71.56	72.24	67.28	70.36	3.82	ppb
Sulfur	34-1	-4423.47	-4446.99	-4438.32	-4436.26		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.28	0.22	0.25	0.25	10.66	ppb
Thallium	205-1	0.26	0.25	0.26	0.26	1.12	ppb
Tin	118-1	2.43	2.51	2.48	2.47	1.72	ppb
Titanium	47-1	785.76	818.80	826.35	810.31	2.66	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-04	Instrumnet Name :	P7
Client Sample ID :	MYDB76	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:23:06	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.98	0.97	0.97	0.74	ppb
Vanadium	51-2	176.10	174.63	177.33	176.02	0.77	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	389.76	391.82	390.86	390.82	0.26	ppb
Zirconium	90-1	9.08	8.95	8.83	8.95	1.40	ppb
Zirconium	91-1	9.28	9.17	8.59	9.01	4.12	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-05	Instrumnet Name :	P7
Client Sample ID :	MYDB77	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:26:20	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47976.36	47605.14	47428.52	47670.01	0.59	ppb
Antimony	121-1	0.75	0.73	0.77	0.75	2.68	ppb
Arsenic	75-2	88.85	88.83	88.61	88.76	0.15	ppb
Barium	135-1	370.60	379.20	381.67	377.16	1.54	ppb
Barium	137-1	376.30	382.23	385.62	381.38	1.24	ppb
Beryllium	9-1	1.79	1.77	1.92	1.83	4.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.38	1.81	1.50	1.56	14.38	ppb
Cadmium	106-1	2.10	0.49	0.87	1.15	73.06	ppb
Cadmium	111-1	0.92	0.81	0.94	0.89	8.38	ppb
Calcium	43-1	17171.22	17299.75	17473.82	17314.93	0.88	ppb
Calcium	44-1	16330.84	16586.00	16666.52	16527.78	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.08	47.09	46.70	46.96	0.48	ppb
Cobalt	59-2	33.31	33.14	33.18	33.21	0.27	ppb
Copper	63-2	98.81	98.24	96.81	97.95	1.05	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				102		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	90916.86	89798.68	89002.23	89905.92	1.07	ppb
Iron	57-2	89851.91	89526.54	87234.12	88870.86	1.61	ppb
Iron	54-2	90711.20	91430.37	89587.78	90576.45	1.03	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-05	Instrumnet Name :	P7
Client Sample ID :	MYDB77	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:26:20	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.11	51.96	51.41	51.83	0.72	ppb
Lead	207-1	52.52	53.26	52.51	52.76	0.82	ppb
Lead	208-1	51.96	52.43	51.84	52.07	0.60	ppb
Lithium	6-1				81		%
Magnesium	24-2	16670.18	16678.85	16223.05	16524.02	1.58	ppb
Manganese	55-2	1409.51	1377.69	1355.42	1380.87	1.97	ppb
Molybdenum	94-1	14.66	14.63	14.42	14.57	0.88	ppb
Molybdenum	95-1	0.72	0.72	0.66	0.70	4.88	ppb
Molybdenum	96-1	2.64	2.60	2.60	2.62	0.87	ppb
Molybdenum	97-1	0.68	0.76	0.71	0.72	5.43	ppb
Molybdenum	98-1	0.68	0.63	0.68	0.67	4.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.15	43.60	42.68	43.48	1.70	ppb
Phosphorus	31-2	1822.00	1783.55	1728.36	1777.97	2.65	ppb
Potassium	39-2	4900.15	4813.56	4824.88	4846.20	0.97	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.98	0.91	1.01	0.96	5.56	ppb
Selenium	77-2	16.76	19.00	19.42	18.39	7.76	ppb
Selenium	78-2	6.03	2.74	1.72	3.50	64.46	ppb
Silicon	28-1	1055.57	1085.31	1062.04	1067.64	1.46	ppb
Silver	107-1	0.36	0.39	0.37	0.37	3.47	ppb
Silver	109-1	0.37	0.36	0.38	0.37	2.83	ppb
Sodium	23-2	199.03	195.81	193.57	196.13	1.40	ppb
Strontium	86-1	76.62	76.65	76.40	76.56	0.18	ppb
Strontium	88-1	80.63	80.42	78.32	79.79	1.59	ppb
Sulfur	34-1	-4378.50	-4540.94	-4635.17	-4518.20		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.21	0.22	0.21	4.83	ppb
Thallium	205-1	0.19	0.20	0.18	0.19	5.05	ppb
Tin	118-1	2.06	2.10	2.09	2.08	1.09	ppb
Titanium	47-1	673.73	690.29	694.29	686.10	1.59	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-05	Instrumnet Name :	P7
Client Sample ID :	MYDB77	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:26:20	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.87	0.86	0.87	0.92	ppb
Vanadium	51-2	152.68	151.34	150.71	151.58	0.66	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	259.78	256.58	258.18	258.18	0.62	ppb
Zirconium	90-1	8.48	8.54	8.42	8.48	0.73	ppb
Zirconium	91-1	8.73	8.78	8.46	8.66	1.99	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-06	Instrumnet Name :	P7
Client Sample ID :	MYDB78	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:29:32	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33006.40	32351.87	32614.06	32657.44	1.01	ppb
Antimony	121-1	1.60	1.66	1.69	1.65	2.71	ppb
Arsenic	75-2	61.63	60.83	59.72	60.73	1.58	ppb
Barium	135-1	281.07	283.61	282.78	282.49	0.46	ppb
Barium	137-1	280.93	285.48	284.96	283.79	0.88	ppb
Beryllium	9-1	1.92	1.65	1.70	1.76	8.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	1.01	0.92	0.98	5.90	ppb
Cadmium	106-1	1.61	1.15	0.74	1.17	37.57	ppb
Cadmium	111-1	0.43	0.43	0.47	0.44	5.19	ppb
Calcium	43-1	15939.40	16054.09	16225.64	16073.04	0.90	ppb
Calcium	44-1	15218.91	15281.11	15246.53	15248.85	0.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.67	49.27	49.91	49.62	0.65	ppb
Cobalt	59-2	58.10	56.37	58.21	57.56	1.79	ppb
Copper	63-2	95.83	92.81	95.17	94.60	1.67	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				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	132153.56	126829.80	129255.24	129412.86	2.06	ppb
Iron	57-2	128667.49	123127.04	127676.51	126490.35	2.34	ppb
Iron	54-2	129383.51	126248.87	128521.57	128051.31	1.26	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-06	Instrumnet Name :	P7
Client Sample ID :	MYDB78	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:29:32	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.67	29.43	30.15	29.75	1.23	ppb
Lead	207-1	28.61	28.19	28.90	28.56	1.25	ppb
Lead	208-1	28.71	28.45	29.01	28.73	0.97	ppb
Lithium	6-1				78		%
Magnesium	24-2	14640.51	14296.23	14470.50	14469.08	1.19	ppb
Manganese	55-2	1567.49	1537.65	1546.11	1550.41	0.99	ppb
Molybdenum	94-1	16.82	17.20	17.33	17.12	1.53	ppb
Molybdenum	95-1	1.65	1.63	1.56	1.61	2.71	ppb
Molybdenum	96-1	3.84	3.87	3.85	3.85	0.45	ppb
Molybdenum	97-1	1.63	1.58	1.57	1.60	2.14	ppb
Molybdenum	98-1	1.55	1.57	1.54	1.56	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.30	45.94	46.80	46.68	1.48	ppb
Phosphorus	31-2	2369.53	2303.08	2382.57	2351.73	1.81	ppb
Potassium	39-2	4596.11	4501.91	4541.54	4546.52	1.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.76	0.36	0.13	0.41	77.04	ppb
Selenium	77-2	20.82	13.44	13.56	15.94	26.52	ppb
Selenium	78-2	3.76	1.92	2.30	2.66	36.48	ppb
Silicon	28-1	872.67	875.97	875.60	874.75	0.21	ppb
Silver	107-1	0.09	0.10	0.10	0.10	5.48	ppb
Silver	109-1	0.09	0.09	0.09	0.09	1.45	ppb
Sodium	23-2	277.56	272.74	280.34	276.88	1.39	ppb
Strontium	86-1	78.54	77.74	77.30	77.86	0.81	ppb
Strontium	88-1	81.11	80.41	79.78	80.44	0.83	ppb
Sulfur	34-1	-4606.81	-4592.88	-4660.77	-4620.15		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.16	0.18	0.17	0.17	6.36	ppb
Thallium	205-1	0.16	0.17	0.17	0.17	4.68	ppb
Tin	118-1	2.34	2.37	2.31	2.34	1.41	ppb
Titanium	47-1	1604.62	1642.25	1631.30	1626.05	1.19	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-06	Instrumnet Name :	P7
Client Sample ID :	MYDB78	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:29:32	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.90	0.93	0.91	2.21	ppb
Vanadium	51-2	263.86	256.71	262.89	261.15	1.48	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	174.70	172.96	172.49	173.38	0.67	ppb
Zirconium	90-1	9.56	9.74	9.63	9.64	0.96	ppb
Zirconium	91-1	9.57	9.68	9.85	9.70	1.44	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-07	Instrumnet Name :	P7
Client Sample ID :	MYDB79	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:32:45	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43524.80	43995.24	44626.02	44048.69	1.25	ppb
Antimony	121-1	0.58	0.55	0.56	0.56	2.32	ppb
Arsenic	75-2	43.56	43.69	43.88	43.71	0.37	ppb
Barium	135-1	292.64	300.03	303.76	298.81	1.89	ppb
Barium	137-1	297.25	300.76	304.45	300.82	1.20	ppb
Beryllium	9-1	1.61	1.55	1.51	1.55	3.28	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	1.04	1.21	1.10	8.40	ppb
Cadmium	106-1	1.67	0.63	0.83	1.05	52.86	ppb
Cadmium	111-1	0.45	0.46	0.37	0.43	11.50	ppb
Calcium	43-1	19627.55	19470.13	19242.12	19446.60	1.00	ppb
Calcium	44-1	18999.45	18578.76	18635.32	18737.84	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.21	45.54	46.05	45.93	0.76	ppb
Cobalt	59-2	42.41	41.69	42.14	42.08	0.86	ppb
Copper	63-2	88.70	87.73	88.99	88.48	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	93680.00	93394.19	94875.53	93983.24	0.84	ppb
Iron	57-2	92598.80	91026.13	92515.98	92046.97	0.96	ppb
Iron	54-2	93183.94	92805.16	93523.67	93170.92	0.39	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-07	Instrumnet Name :	P7
Client Sample ID :	MYDB79	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:32:45	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.42	26.13	25.56	25.70	1.46	ppb
Lead	207-1	24.25	25.03	24.64	24.64	1.57	ppb
Lead	208-1	24.52	25.25	24.74	24.84	1.52	ppb
Lithium	6-1				80		%
Magnesium	24-2	18202.77	18546.58	18324.94	18358.10	0.95	ppb
Manganese	55-2	2025.85	2038.37	2056.07	2040.10	0.74	ppb
Molybdenum	94-1	16.16	15.92	16.16	16.08	0.87	ppb
Molybdenum	95-1	0.75	0.78	0.79	0.77	2.83	ppb
Molybdenum	96-1	2.84	2.85	2.88	2.86	0.76	ppb
Molybdenum	97-1	0.80	0.80	0.78	0.80	1.50	ppb
Molybdenum	98-1	0.76	0.76	0.75	0.76	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.03	41.94	41.17	41.38	1.19	ppb
Phosphorus	31-2	2210.30	2247.32	2271.31	2242.98	1.37	ppb
Potassium	39-2	3458.88	3467.88	3388.31	3438.35	1.27	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.18	-0.10	-0.09	0.00	64966.46	ppb
Selenium	77-2	18.80	17.26	18.92	18.33	5.06	ppb
Selenium	78-2	1.94	4.60	2.29	2.94	48.97	ppb
Silicon	28-1	833.66	842.05	829.40	835.04	0.77	ppb
Silver	107-1	0.09	0.09	0.10	0.10	3.81	ppb
Silver	109-1	0.09	0.09	0.10	0.10	6.06	ppb
Sodium	23-2	236.24	235.26	238.94	236.81	0.80	ppb
Strontium	86-1	85.35	85.95	87.21	86.17	1.10	ppb
Strontium	88-1	89.69	89.70	90.46	89.95	0.49	ppb
Sulfur	34-1	-4481.16	-4642.39	-4729.12	-4617.56		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.19	0.20	0.21	0.20	3.97	ppb
Thallium	205-1	0.19	0.20	0.20	0.20	3.03	ppb
Tin	118-1	2.20	2.25	2.37	2.27	3.96	ppb
Titanium	47-1	1113.11	1133.68	1100.95	1115.91	1.48	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-07	Instrumnet Name :	P7
Client Sample ID :	MYDB79	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:32:45	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.77	0.74	0.74	3.45	ppb
Vanadium	51-2	149.48	147.57	150.34	149.13	0.95	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	168.27	170.71	170.39	169.79	0.78	ppb
Zirconium	90-1	9.11	9.41	9.34	9.28	1.68	ppb
Zirconium	91-1	9.47	9.35	9.35	9.39	0.73	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-08	Instrumnet Name :	P7
Client Sample ID :	MYDB80	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:35:58	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47051.32	42834.13	42667.06	44184.17	5.62	ppb
Antimony	121-1	1.46	1.58	1.54	1.53	4.10	ppb
Arsenic	75-2	182.40	161.10	162.44	168.65	7.07	ppb
Barium	135-1	278.05	273.97	281.11	277.71	1.29	ppb
Barium	137-1	278.99	279.26	280.29	279.51	0.24	ppb
Beryllium	9-1	1.68	1.55	1.79	1.67	7.03	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.05	3.06	2.98	3.03	1.51	ppb
Cadmium	106-1	2.02	1.65	2.35	2.01	17.57	ppb
Cadmium	111-1	2.20	2.04	2.17	2.14	3.96	ppb
Calcium	43-1	17013.17	17335.77	17340.13	17229.69	1.09	ppb
Calcium	44-1	16582.64	16753.03	16555.31	16630.32	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.15	44.51	45.04	46.57	6.69	ppb
Cobalt	59-2	41.98	37.74	38.21	39.31	5.91	ppb
Copper	63-2	177.49	160.45	159.57	165.84	6.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	108759.13	97012.86	97446.60	101072.86	6.59	ppb
Iron	57-2	106671.39	96401.51	96502.36	99858.42	5.91	ppb
Iron	54-2	109283.85	96549.67	97850.19	101227.90	6.92	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-08	Instrumnet Name :	P7
Client Sample ID :	MYDB80	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:35:58	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	120.05	119.72	123.10	120.96	1.54	ppb
Lead	207-1	126.39	127.53	128.71	127.54	0.91	ppb
Lead	208-1	123.15	122.99	125.62	123.92	1.19	ppb
Lithium	6-1				83		%
Magnesium	24-2	18405.21	16772.29	16867.77	17348.42	5.28	ppb
Manganese	55-2	1918.15	1698.17	1700.49	1772.27	7.13	ppb
Molybdenum	94-1	12.94	13.04	13.01	13.00	0.42	ppb
Molybdenum	95-1	1.13	1.14	1.12	1.13	0.94	ppb
Molybdenum	96-1	2.86	2.87	2.83	2.85	0.80	ppb
Molybdenum	97-1	1.07	1.17	1.11	1.12	4.52	ppb
Molybdenum	98-1	1.12	1.11	1.12	1.12	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.12	42.63	42.94	44.56	6.92	ppb
Phosphorus	31-2	2979.11	2715.09	2671.11	2788.44	5.97	ppb
Potassium	39-2	7368.81	6685.95	6723.36	6926.04	5.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	0.43	1.87	1.43	1.25	59.25	ppb
Selenium	77-2	16.59	19.82	18.89	18.44	9.01	ppb
Selenium	78-2	4.88	0.86	4.86	3.54	65.48	ppb
Silicon	28-1	944.22	987.76	984.62	972.20	2.50	ppb
Silver	107-1	0.67	0.68	0.68	0.68	0.90	ppb
Silver	109-1	0.68	0.67	0.66	0.67	1.23	ppb
Sodium	23-2	302.99	267.15	269.04	279.73	7.21	ppb
Strontium	86-1	77.17	79.28	78.53	78.33	1.37	ppb
Strontium	88-1	79.99	81.80	83.37	81.72	2.07	ppb
Sulfur	34-1	-3786.09	-3870.95	-3964.09	-3873.71		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.26	0.25	0.28	0.26	6.63	ppb
Thallium	205-1	0.26	0.24	0.28	0.26	6.48	ppb
Tin	118-1	2.69	2.77	2.74	2.74	1.43	ppb
Titanium	47-1	1235.99	1259.65	1273.08	1256.24	1.49	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-08	Instrumnet Name :	P7
Client Sample ID :	MYDB80	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:35:58	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.80	0.80	0.80	0.84	ppb
Vanadium	51-2	173.71	156.36	155.99	162.02	6.25	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	618.27	551.94	558.70	576.30	6.33	ppb
Zirconium	90-1	7.13	7.36	7.33	7.27	1.71	ppb
Zirconium	91-1	7.15	7.47	7.38	7.33	2.26	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:39:11	DataFile Name :	115CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46573.24	47317.39	47356.73	47082.45	0.94	ppb
Antimony	121-1	454.82	448.75	459.30	454.29	1.17	ppb
Arsenic	75-2	496.27	495.38	487.75	493.14	0.95	ppb
Barium	135-1	2327.72	2307.72	2370.43	2335.29	1.37	ppb
Barium	137-1	2333.03	2345.91	2393.48	2357.48	1.35	ppb
Beryllium	9-1	495.97	498.60	496.88	497.15	0.27	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	480.34	483.00	490.87	484.73	1.13	ppb
Cadmium	106-1	475.10	473.98	479.22	476.10	0.58	ppb
Cadmium	111-1	475.78	478.06	483.34	479.06	0.81	ppb
Calcium	43-1	241595.74	245768.12	238974.54	242112.80	1.42	ppb
Calcium	44-1	237783.12	243755.45	239862.42	240466.99	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.39	479.67	485.00	480.35	0.90	ppb
Cobalt	59-2	520.56	529.56	528.19	526.10	0.92	ppb
Copper	63-2	4945.27	4982.32	5066.19	4997.93	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	127305.49	124521.82	125461.59	125762.97	1.13	ppb
Iron	57-2	125795.36	123776.19	126743.44	125438.33	1.21	ppb
Iron	54-2	124455.68	124432.62	125531.24	124806.51	0.50	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:39:11	DataFile Name :	115CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2366.48	2359.25	2393.75	2373.16	0.77	ppb
Lead	207-1	2375.94	2391.24	2375.57	2380.91	0.38	ppb
Lead	208-1	2368.03	2393.31	2400.77	2387.37	0.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	230041.67	228526.66	231228.43	229932.25	0.59	ppb
Manganese	55-2	4773.74	4719.25	4761.13	4751.37	0.60	ppb
Molybdenum	94-1	4651.31	4769.53	4756.48	4725.77	1.37	ppb
Molybdenum	95-1	4677.59	4782.06	4776.76	4745.47	1.24	ppb
Molybdenum	96-1	4616.33	4749.67	4839.37	4735.13	2.37	ppb
Molybdenum	97-1	4576.54	4681.01	4716.56	4658.04	1.56	ppb
Molybdenum	98-1	4623.30	4705.69	4708.84	4679.28	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.94	507.38	512.25	508.19	0.73	ppb
Phosphorus	31-2	9146.84	9040.56	9239.77	9142.39	1.09	ppb
Potassium	39-2	117584.00	116930.47	118629.73	117714.73	0.73	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	482.17	489.50	491.13	487.60	0.98	ppb
Selenium	77-2	463.33	479.09	462.04	468.15	2.03	ppb
Selenium	78-2	479.72	472.79	483.92	478.81	1.17	ppb
Silicon	28-1	935.43	950.39	951.51	945.78	0.95	ppb
Silver	107-1	472.49	476.12	485.35	477.98	1.39	ppb
Silver	109-1	473.68	478.53	477.94	476.72	0.55	ppb
Sodium	23-2	236554.50	236490.41	237067.16	236704.02	0.13	ppb
Strontium	86-1	11612.84	11957.67	11919.48	11829.99	1.60	ppb
Strontium	88-1	11731.19	11873.33	11709.01	11771.18	0.76	ppb
Sulfur	34-1	8203.21	8659.94	8147.47	8336.87	3.37	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	483.85	478.71	481.79	481.45	0.54	ppb
Thallium	205-1	479.98	473.45	472.54	475.32	0.85	ppb
Tin	118-1	456.74	458.22	455.32	456.76	0.32	ppb
Titanium	47-1	4664.50	4787.08	4679.05	4710.21	1.42	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:39:11	DataFile Name :	115CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	481.06	483.86	498.81	487.91	1.96	ppb
Vanadium	51-2	482.55	478.07	482.60	481.07	0.54	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	5012.21	5044.38	5139.15	5065.25	1.30	ppb
Zirconium	90-1	468.76	480.00	478.84	475.87	1.30	ppb
Zirconium	91-1	465.76	469.21	475.09	470.02	1.00	ppb

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:41:58	DataFile Name :	116CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.07	2.57	3.14	2.93	10.61	ppb
Antimony	121-1	0.29	0.30	0.32	0.30	5.03	ppb
Arsenic	75-2	0.02	0.04	0.05	0.04	36.07	ppb
Barium	135-1	0.15	0.08	0.09	0.11	36.16	ppb
Barium	137-1	0.13	0.10	0.08	0.10	28.04	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	19.65	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.03	-0.02	0.03	173.28	ppb
Cadmium	106-1	-0.59	-1.53	-1.21	-1.11		ppb
Cadmium	111-1	-0.02	-0.07	-0.05	-0.05		ppb
Calcium	43-1	22.83	16.16	16.09	18.36	21.10	ppb
Calcium	44-1	14.98	10.41	9.37	11.59	25.74	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	0.01	225.91	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	7.73	ppb
Copper	63-2	0.34	0.30	0.32	0.32	6.19	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				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	6.96	6.64	6.89	6.83	2.42	ppb
Iron	57-2	1.14	3.02	0.74	1.64	74.29	ppb
Iron	54-2	5.25	6.03	5.92	5.73	7.37	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:41:58	DataFile Name :	116CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.20	0.19	0.20	10.54	ppb
Lead	207-1	0.22	0.15	0.15	0.18	24.34	ppb
Lead	208-1	0.23	0.19	0.17	0.19	15.65	ppb
Lithium	6-1				101		%
Magnesium	24-2	7.66	7.57	6.97	7.40	5.04	ppb
Manganese	55-2	0.47	0.40	0.38	0.42	12.45	ppb
Molybdenum	94-1	0.40	0.37	0.27	0.35	18.42	ppb
Molybdenum	95-1	0.34	0.34	0.30	0.32	7.19	ppb
Molybdenum	96-1	0.37	0.30	0.29	0.32	13.23	ppb
Molybdenum	97-1	0.39	0.34	0.29	0.34	15.08	ppb
Molybdenum	98-1	0.38	0.34	0.30	0.34	12.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.05	0.06	0.06	30.25	ppb
Phosphorus	31-2	-17.04	-21.83	-15.65	-18.17		ppb
Potassium	39-2	-11.49	-9.20	-5.50	-8.73		ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	-0.69	-0.98	-0.82	-0.83		ppb
Selenium	77-2	0.21	-0.10	-0.10	0.00	13275.14	ppb
Selenium	78-2	-1.25	-0.85	-2.56	-1.55		ppb
Silicon	28-1	-2.91	-3.08	-3.06	-3.02		ppb
Silver	107-1	0.06	0.06	0.05	0.06	13.95	ppb
Silver	109-1	0.07	0.05	0.05	0.06	19.62	ppb
Sodium	23-2	55.99	52.15	51.94	53.36	4.27	ppb
Strontium	86-1	0.65	0.50	0.46	0.54	18.63	ppb
Strontium	88-1	0.67	0.48	0.38	0.51	28.35	ppb
Sulfur	34-1	-2212.42	-2322.40	-2250.12	-2261.65		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.07	0.07	0.04	0.06	26.13	ppb
Thallium	205-1	0.08	0.06	0.05	0.06	22.68	ppb
Tin	118-1	0.03	0.11	0.05	0.06	67.61	ppb
Titanium	47-1	0.33	0.23	0.27	0.28	17.31	ppb

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On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:41:58	DataFile Name :	116CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	25.84	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	36.72	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	0.53	0.85	0.76	0.71	22.96	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	5.66	ppb
Zirconium	91-1	0.04	0.03	0.04	0.04	9.48	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	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

Reviewed By:Mohan
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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
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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
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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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
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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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
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

Reviewed By:Mohan
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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
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

Reviewed By:Mohan
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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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

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	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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On:10/28/2024 7:23:46 PM
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

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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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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
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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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
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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

Reviewed By:Mohan
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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
On:10/28/2024 7:23:46 PM
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

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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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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	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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

Reviewed By:Mohan
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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

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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

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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
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

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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
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

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	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

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
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
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
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

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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
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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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
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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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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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
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

Reviewed By:Mohan
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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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

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	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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

Reviewed By:Mohan
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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
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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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
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

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
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

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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
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

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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

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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
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

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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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

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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
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

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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

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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
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
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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
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

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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

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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

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	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
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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
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

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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
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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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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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
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

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
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

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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
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

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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

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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

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
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
On:10/28/2024 7:23:46 PM
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
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
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
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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
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

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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
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

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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

Reviewed By:Mohan
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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
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
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
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
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
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
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

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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

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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
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
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
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

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
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
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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	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

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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

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
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

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
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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

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	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

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	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

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
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

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
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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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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On:10/28/2024 7:23:46 PM
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

Reviewed By:Mohan
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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

Reviewed By:Mohan
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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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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

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	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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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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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

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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

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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
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

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
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

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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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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

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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

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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

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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
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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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

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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

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
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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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

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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

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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

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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

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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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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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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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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

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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

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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

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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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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

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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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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

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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

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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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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

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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

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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	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

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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	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

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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	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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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-07	Instrumnet Name :	P7
Client Sample ID :	MYDB48	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:49:15	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5442652	5462861	5497491	5467668	0.51	cps
Antimony	121-1	8226	8453	8409	8362	1.44	cps
Arsenic	75-2	33829	34029	34353	34070	0.78	cps
Barium	135-1	372857	373234	372844	372978	0.06	cps
Barium	137-1	650700	673860	665635	663398	1.77	cps
Beryllium	9-1	1127	1100	1153	1127	2.37	cps
Bismuth	209-1	3308400	3308837	3282718	3299985	0.45	cps
Bismuth	209-2	2979779	3002901	2985794	2989491	0.40	cps
Bromine	81-1	6035	6218	6168	6140	1.54	cps
Bromine	81-2	257	280	270	269	4.35	cps
Cadmium	108-1	190	167	137	164	16.26	cps
Cadmium	106-1	1820	1840	1903	1855	2.35	cps
Cadmium	111-1	2635	2715	2707	2685	1.65	cps
Calcium	43-1	242484	253410	256349	250748	2.91	cps
Calcium	44-1	3833881	3933543	3996815	3921413	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116560	116821	118612	117331	0.95	cps
Cobalt	59-2	144371	142941	142671	143328	0.64	cps
Copper	63-2	314770	314277	310837	313295	0.68	cps
Dysprosium	156-1	38356	38660	38536	38517	0.40	cps
Dysprosium	156-2	33985	34205	34015	34068	0.35	cps
Erbium	164-1	32351	33527	33376	33085	1.93	cps
Erbium	164-2	23784	24338	24041	24054	1.15	cps
Gadolinium	160-1	37393	39589	39910	38964	3.52	cps
Gadolinium	160-2	28830	29114	28970	28971	0.49	cps
Holmium	165-1	5682985	5741528	5722903	5715805	0.52	cps
Holmium	165-2	4311402	4271713	4276975	4286697	0.50	cps
Indium	115-1	5157492	5116458	5030539	5101496	1.27	cps
Indium	115-2	1848754	1878632	1861381	1862922	0.81	cps
Iron	56-2	209009377	210863657	208710790	209527941	0.56	cps
Iron	57-2	5229216	5294600	5240318	5254711	0.67	cps
Iron	54-2	11613148	11673528	11598756	11628477	0.34	cps
Krypton	83-1	353	313	280	316	11.63	cps

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-07	Instrumnet Name :	P7
Client Sample ID :	MYDB48	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:49:15	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	209571	209997	211029	210199	0.36	cps
Lead	207-1	192760	193356	193330	193149	0.17	cps
Lead	208-1	838090	857640	859453	851727	1.39	cps
Lithium	6-1	642063	621337	613665	625688	2.35	cps
Magnesium	24-2	3858393	3874204	3867737	3866778	0.21	cps
Manganese	55-2	2974896	2953414	2977868	2968726	0.45	cps
Molybdenum	94-1	39116	40205	40583	39968	1.91	cps
Molybdenum	95-1	3340	3157	3170	3223	3.17	cps
Molybdenum	96-1	11595	12118	12045	11919	2.38	cps
Molybdenum	97-1	1917	2030	2124	2023	5.12	cps
Molybdenum	98-1	4974	5071	4878	4974	1.94	cps
Neodymium	150-1	66680	70167	70468	69105	3.05	cps
Neodymium	150-2	42935	43774	42694	43135	1.31	cps
Nickel	60-2	46479	45589	45201	45756	1.43	cps
Phosphorus	31-2	18007	18575	18919	18500	2.49	cps
Potassium	39-2	1869092	1830369	1827359	1842273	1.26	cps
Rhodium	103-1	5095857	4985166	4873510	4984844	2.23	cps
Rhodium	103-2	3143994	3138502	3152766	3145087	0.23	cps
Scandium	45-1	3608311	3651137	3599748	3619732	0.76	cps
Scandium	45-2	325075	324008	326244	325109	0.34	cps
Selenium	82-1	331	453	425	403	15.94	cps
Selenium	77-2	130	110	127	122	8.77	cps
Selenium	78-2	437	433	477	449	5.37	cps
Silicon	28-1	18230550	17525074	17748238	17834621	2.02	cps
Silver	107-1	2360	2003	2054	2139	9.03	cps
Silver	109-1	2170	2197	1943	2104	6.62	cps
Sodium	23-2	130101	131530	130887	130839	0.55	cps
Strontium	86-1	144002	145451	142549	144001	1.01	cps
Strontium	88-1	1220280	1270720	1283080	1258027	2.64	cps
Sulfur	34-1	169343	165771	160018	165044	2.85	cps
Terbium	159-1	6142126	6136173	5919036	6065778	2.10	cps
Terbium	159-2	4267881	4286000	4328023	4293968	0.72	cps
Thallium	203-1	1327	1197	1273	1266	5.16	cps
Thallium	205-1	2810	3014	2934	2919	3.51	cps
Tin	118-1	17117	16963	17224	17101	0.77	cps
Titanium	47-1	1090602	1075696	1076662	1080987	0.77	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-07	Instrumnet Name :	P7
Client Sample ID :	MYDB48	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:49:15	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9994	10501	10291	10262	2.48	cps
Vanadium	51-2	448043	446983	446024	447016	0.23	cps
Yttrium	89-1	9815728	9780515	9776358	9790867	0.22	cps
Yttrium	89-2	2668034	2700508	2709262	2692601	0.81	cps
Zinc	66-2	160120	159424	162081	160542	0.86	cps
Zirconium	90-1	103166	104318	105218	104234	0.99	cps
Zirconium	91-1	23482	24471	23833	23929	2.09	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-08	Instrumnet Name :	P7
Client Sample ID :	MYDB49	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:53:07	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5675832	5758357	5669786	5701325	0.87	cps
Antimony	121-1	22434	20959	23376	22256	5.47	cps
Arsenic	75-2	50646	49031	48877	49518	1.98	cps
Barium	135-1	838625	788639	840604	822622	3.58	cps
Barium	137-1	1392172	1318123	1467462	1392585	5.36	cps
Beryllium	9-1	1340	1147	1163	1217	8.81	cps
Bismuth	209-1	3477040	3939670	3331772	3582827	8.86	cps
Bismuth	209-2	2971870	3010123	2969123	2983705	0.77	cps
Bromine	81-1	6712	6515	6612	6613	1.49	cps
Bromine	81-2	300	357	323	327	8.72	cps
Cadmium	108-1	197	220	243	220	10.61	cps
Cadmium	106-1	1803	1820	1873	1832	2.00	cps
Cadmium	111-1	3732	3397	3711	3613	5.19	cps
Calcium	43-1	258198	243148	268126	256491	4.90	cps
Calcium	44-1	4249495	4101893	4148523	4166637	1.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	147571	146464	146566	146867	0.42	cps
Cobalt	59-2	166854	164297	167940	166364	1.12	cps
Copper	63-2	363425	358371	361736	361177	0.71	cps
Dysprosium	156-1	43604	42432	45025	43687	2.97	cps
Dysprosium	156-2	39823	39950	40345	40039	0.68	cps
Erbium	164-1	38503	36622	38630	37918	2.97	cps
Erbium	164-2	28048	27714	27714	27825	0.69	cps
Gadolinium	160-1	41752	40315	45892	42653	6.79	cps
Gadolinium	160-2	34142	33741	33310	33731	1.23	cps
Holmium	165-1	5856039	6603595	5870680	6110104	7.00	cps
Holmium	165-2	4376274	4294455	4286544	4319091	1.15	cps
Indium	115-1	5152295	5829944	5164981	5382407	7.20	cps
Indium	115-2	1893746	1920307	1885817	1899957	0.95	cps
Iron	56-2	214638803	216114477	215179657	215310979	0.35	cps
Iron	57-2	5328733	5426933	5308799	5354822	1.18	cps
Iron	54-2	11795445	11763391	12099674	11886170	1.56	cps
Krypton	83-1	307	600	313	407	41.18	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-08	Instrumnet Name :	P7
Client Sample ID :	MYDB49	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:53:07	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	297661	278719	296955	291112	3.69	cps
Lead	207-1	257772	241872	268441	256029	5.22	cps
Lead	208-1	1159482	1090189	1205384	1151685	5.04	cps
Lithium	6-1	656167	762544	614674	677795	11.25	cps
Magnesium	24-2	3424033	3334568	3328973	3362524	1.59	cps
Manganese	55-2	5821906	5808518	5980607	5870344	1.63	cps
Molybdenum	94-1	44069	41092	46577	43913	6.25	cps
Molybdenum	95-1	9123	8900	8953	8992	1.30	cps
Molybdenum	96-1	17033	16069	18038	17047	5.78	cps
Molybdenum	97-1	5461	5008	5651	5373	6.15	cps
Molybdenum	98-1	13503	13356	13943	13601	2.25	cps
Neodymium	150-1	79385	72980	83257	78541	6.61	cps
Neodymium	150-2	50162	49446	50543	50051	1.11	cps
Nickel	60-2	53378	51996	52709	52695	1.31	cps
Phosphorus	31-2	20911	20788	20821	20840	0.31	cps
Potassium	39-2	1833689	1843920	1868214	1848608	0.96	cps
Rhodium	103-1	4960866	5471724	5027028	5153206	5.39	cps
Rhodium	103-2	3181084	3221473	3235737	3212764	0.88	cps
Scandium	45-1	3867640	4380678	3796252	4014857	7.94	cps
Scandium	45-2	334586	329610	329862	331353	0.85	cps
Selenium	82-1	437	473	529	479	9.68	cps
Selenium	77-2	163	177	200	180	10.31	cps
Selenium	78-2	553	530	477	520	7.56	cps
Silicon	28-1	24702250	23962390	25316564	24660402	2.75	cps
Silver	107-1	3394	3610	3764	3589	5.18	cps
Silver	109-1	3107	3110	3440	3219	5.95	cps
Sodium	23-2	147644	146937	149077	147886	0.74	cps
Strontium	86-1	149916	142602	154840	149119	4.13	cps
Strontium	88-1	1312154	1213748	1436827	1320910	8.46	cps
Sulfur	34-1	150327	141737	143170	145078	3.17	cps
Terbium	159-1	5984286	6671168	5985018	6213491	6.38	cps
Terbium	159-2	4297492	4274340	4273176	4281669	0.32	cps
Thallium	203-1	2800	2944	3050	2931	4.28	cps
Thallium	205-1	7102	6718	7265	7029	3.99	cps
Tin	118-1	17077	16506	17334	16972	2.50	cps
Titanium	47-1	1029743	974444	1065210	1023132	4.47	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-08	Instrumnet Name :	P7
Client Sample ID :	MYDB49	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:53:07	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9887	9534	11018	10146	7.64	cps
Vanadium	51-2	442047	439403	439748	440399	0.33	cps
Yttrium	89-1	10405306	11248282	10168438	10607342	5.35	cps
Yttrium	89-2	2679755	2779931	2744181	2734622	1.86	cps
Zinc	66-2	219246	217277	216303	217608	0.69	cps
Zirconium	90-1	108797	103259	109158	107071	3.09	cps
Zirconium	91-1	23613	21963	24467	23348	5.45	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-09	Instrumnet Name :	P7
Client Sample ID :	MYDB50	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:56:20	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4685069	4815080	4693416	4731188	1.54	cps
Antimony	121-1	5074	4474	5554	5034	10.75	cps
Arsenic	75-2	38420	38553	38610	38528	0.25	cps
Barium	135-1	293771	251202	307428	284134	10.32	cps
Barium	137-1	511775	427029	516847	485217	10.40	cps
Beryllium	9-1	933	773	947	884	10.91	cps
Bismuth	209-1	3338682	4313391	3555564	3735879	13.70	cps
Bismuth	209-2	3002256	3007272	2610574	2873367	7.92	cps
Bromine	81-1	6645	6632	7135	6804	4.22	cps
Bromine	81-2	260	303	310	291	9.33	cps
Cadmium	108-1	157	173	200	177	12.37	cps
Cadmium	106-1	1960	2017	1833	1937	4.85	cps
Cadmium	111-1	2849	2631	2714	2731	4.04	cps
Calcium	43-1	232335	206784	248857	229325	9.24	cps
Calcium	44-1	3692385	3200248	3951360	3614664	10.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104714	106966	104667	105449	1.25	cps
Cobalt	59-2	109315	108002	110399	109239	1.10	cps
Copper	63-2	266989	265736	269512	267412	0.72	cps
Dysprosium	156-1	39572	32473	40124	37390	11.41	cps
Dysprosium	156-2	34990	35114	35401	35168	0.60	cps
Erbium	164-1	31352	27021	33938	30770	11.36	cps
Erbium	164-2	24014	23951	23593	23853	0.95	cps
Gadolinium	160-1	38132	31885	39068	36361	10.74	cps
Gadolinium	160-2	29732	29140	29926	29599	1.38	cps
Holmium	165-1	5924952	7529408	6081573	6511978	13.58	cps
Holmium	165-2	4416363	4297486	3748548	4154133	8.58	cps
Indium	115-1	5257674	6746633	5407944	5804084	14.12	cps
Indium	115-2	1897004	1902423	1661410	1820279	7.56	cps
Iron	56-2	160893071	159540688	160408558	160280772	0.43	cps
Iron	57-2	3977180	3981074	3995182	3984479	0.24	cps
Iron	54-2	8907120	8805543	8959057	8890573	0.88	cps
Krypton	83-1	320	720	397	479	44.33	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-09	Instrumnet Name :	P7
Client Sample ID :	MYDB50	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:56:20	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	216478	181783	225517	207926	11.10	cps
Lead	207-1	198800	161820	197140	185920	11.23	cps
Lead	208-1	864942	736022	892714	831226	10.06	cps
Lithium	6-1	608524	798727	655776	687676	14.40	cps
Magnesium	24-2	3222370	3206221	3214003	3214198	0.25	cps
Manganese	55-2	2288770	2246951	2274856	2270192	0.94	cps
Molybdenum	94-1	29390	26418	31664	29157	9.02	cps
Molybdenum	95-1	2144	1830	2257	2077	10.64	cps
Molybdenum	96-1	8970	7542	8433	8315	8.67	cps
Molybdenum	97-1	1427	1190	1493	1370	11.64	cps
Molybdenum	98-1	3507	2977	3440	3308	8.73	cps
Neodymium	150-1	66640	58724	71476	65613	9.81	cps
Neodymium	150-2	43972	42922	43142	43345	1.28	cps
Nickel	60-2	38630	37621	36892	37714	2.31	cps
Phosphorus	31-2	23154	23084	23011	23083	0.31	cps
Potassium	39-2	1449698	1472999	1467784	1463494	0.84	cps
Rhodium	103-1	5274834	6585095	5161230	5673720	13.95	cps
Rhodium	103-2	3230508	3145906	2801849	3059421	7.42	cps
Scandium	45-1	3696767	4728520	3947407	4124231	13.05	cps
Scandium	45-2	327480	327390	283926	312932	8.03	cps
Selenium	82-1	395	506	428	443	12.88	cps
Selenium	77-2	163	153	223	180	21.03	cps
Selenium	78-2	523	480	447	483	7.95	cps
Silicon	28-1	27742850	23556935	28351725	26550503	9.83	cps
Silver	107-1	2480	2157	2797	2478	12.92	cps
Silver	109-1	2284	2234	2340	2286	2.33	cps
Sodium	23-2	143828	143717	145289	144278	0.61	cps
Strontium	86-1	118024	97142	116522	110563	10.53	cps
Strontium	88-1	974401	857778	1023313	951831	8.93	cps
Sulfur	34-1	137384	123503	127667	129518	5.50	cps
Terbium	159-1	6302782	7718624	6193499	6738302	12.63	cps
Terbium	159-2	4294281	4300346	3702806	4099144	8.37	cps
Thallium	203-1	1023	960	993	992	3.19	cps
Thallium	205-1	2160	2147	2507	2271	8.99	cps
Tin	118-1	14711	12553	14981	14082	9.45	cps
Titanium	47-1	1062643	869061	1062159	997954	11.19	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-09	Instrumnet Name :	P7
Client Sample ID :	MYDB50	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:56:20	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9430	8336	9590	9119	7.48	cps
Vanadium	51-2	293305	291690	296604	293866	0.85	cps
Yttrium	89-1	10002777	12993167	10706779	11234241	13.92	cps
Yttrium	89-2	2683489	2714870	2323524	2573961	8.45	cps
Zinc	66-2	166656	166775	168218	167216	0.52	cps
Zirconium	90-1	79769	70833	83416	78006	8.30	cps
Zirconium	91-1	18385	15592	17911	17296	8.64	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10	Instrumnet Name :	P7
Client Sample ID :	MYDB51	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:59:31	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6023595	5852090	5800206	5891964	1.98	cps
Antimony	121-1	16403	16510	16346	16419	0.51	cps
Arsenic	75-2	105938	107244	105837	106340	0.74	cps
Barium	135-1	544133	552020	549008	548387	0.73	cps
Barium	137-1	929360	948203	947369	941644	1.13	cps
Beryllium	9-1	1147	1183	1347	1226	8.69	cps
Bismuth	209-1	3451483	3417767	3379265	3416172	1.06	cps
Bismuth	209-2	2966875	3055535	2971475	2997962	1.66	cps
Bromine	81-1	7842	8009	7732	7861	1.77	cps
Bromine	81-2	580	617	510	569	9.53	cps
Cadmium	108-1	463	463	443	457	2.53	cps
Cadmium	106-1	2170	2254	2034	2152	5.16	cps
Cadmium	111-1	5946	6197	6101	6081	2.09	cps
Calcium	43-1	431353	441808	442119	438427	1.40	cps
Calcium	44-1	6797307	6984798	6900170	6894091	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	150746	147422	147298	148489	1.32	cps
Cobalt	59-2	143857	143944	143519	143773	0.16	cps
Copper	63-2	710013	715139	716153	713768	0.46	cps
Dysprosium	156-1	42825	43561	43293	43226	0.86	cps
Dysprosium	156-2	37757	37203	38830	37930	2.18	cps
Erbium	164-1	35803	37086	36588	36492	1.77	cps
Erbium	164-2	26245	26408	26208	26287	0.41	cps
Gadolinium	160-1	41428	42417	43193	42346	2.09	cps
Gadolinium	160-2	31913	31766	31699	31793	0.34	cps
Holmium	165-1	5892392	5950515	5938525	5927144	0.52	cps
Holmium	165-2	4246131	4342971	4222931	4270677	1.49	cps
Indium	115-1	5232151	5217843	5274151	5241381	0.56	cps
Indium	115-2	1907694	1889158	1862443	1886432	1.21	cps
Iron	56-2	219764057	218971803	219423777	219386546	0.18	cps
Iron	57-2	5460621	5363404	5420691	5414906	0.90	cps
Iron	54-2	12207824	12021814	11794213	12007950	1.73	cps
Krypton	83-1	330	307	247	294	14.60	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10	Instrumnet Name :	P7
Client Sample ID :	MYDB51	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:59:31	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	739454	754893	757771	750706	1.31	cps
Lead	207-1	685613	693205	693227	690681	0.64	cps
Lead	208-1	3017598	3053319	3070624	3047180	0.89	cps
Lithium	6-1	640277	648961	640764	643334	0.76	cps
Magnesium	24-2	3729018	3694221	3622155	3681798	1.48	cps
Manganese	55-2	4701618	4656101	4649507	4669075	0.61	cps
Molybdenum	94-1	31394	32159	32717	32090	2.07	cps
Molybdenum	95-1	4337	4331	4401	4356	0.89	cps
Molybdenum	96-1	11481	11965	11438	11628	2.52	cps
Molybdenum	97-1	2677	2670	2827	2725	3.25	cps
Molybdenum	98-1	6742	7205	6918	6955	3.36	cps
Neodymium	150-1	77548	78969	80183	78900	1.67	cps
Neodymium	150-2	48172	47500	48102	47924	0.77	cps
Nickel	60-2	49886	49960	49575	49807	0.41	cps
Phosphorus	31-2	22780	23027	22957	22922	0.56	cps
Potassium	39-2	2903812	2906458	2885483	2898584	0.39	cps
Rhodium	103-1	5130983	5072961	5113736	5105893	0.58	cps
Rhodium	103-2	3222718	3154398	3172540	3183219	1.11	cps
Scandium	45-1	3769556	3808949	3795215	3791240	0.53	cps
Scandium	45-2	331718	330402	328151	330091	0.55	cps
Selenium	82-1	563	645	704	637	11.14	cps
Selenium	77-2	203	197	227	209	7.54	cps
Selenium	78-2	473	517	563	518	8.69	cps
Silicon	28-1	26195751	26886900	27005603	26696085	1.64	cps
Silver	107-1	9920	10307	10227	10151	2.01	cps
Silver	109-1	9623	9263	9557	9481	2.02	cps
Sodium	23-2	147724	148115	148862	148234	0.39	cps
Strontium	86-1	211338	212148	212364	211950	0.26	cps
Strontium	88-1	1890871	1931565	1919236	1913891	1.09	cps
Sulfur	34-1	291393	296109	291032	292845	0.97	cps
Terbium	159-1	6151983	6076031	6130878	6119631	0.64	cps
Terbium	159-2	4368751	4229669	4319010	4305810	1.64	cps
Thallium	203-1	1527	1603	1533	1555	2.73	cps
Thallium	205-1	3364	3454	3711	3509	5.13	cps
Tin	118-1	17040	16740	17234	17005	1.46	cps
Titanium	47-1	1016015	1031058	1027851	1024975	0.77	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10	Instrumnet Name :	P7
Client Sample ID :	MYDB51	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 17:59:31	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10851	10898	10828	10859	0.33	cps
Vanadium	51-2	367601	370014	372048	369888	0.60	cps
Yttrium	89-1	10334310	10246084	10242057	10274151	0.51	cps
Yttrium	89-2	2692634	2691183	2738361	2707393	0.99	cps
Zinc	66-2	444027	440383	432120	438843	1.39	cps
Zirconium	90-1	79497	80667	81263	80476	1.12	cps
Zirconium	91-1	17604	18392	18155	18050	2.24	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-11	Instrumnet Name :	P7
Client Sample ID :	MYDB51D	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:02:44	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5850756	5893326	5932409	5892164	0.69	cps
Antimony	121-1	16573	16820	17190	16861	1.84	cps
Arsenic	75-2	105173	103246	104589	104336	0.95	cps
Barium	135-1	531040	541057	545026	539041	1.34	cps
Barium	137-1	919444	939063	939273	932593	1.22	cps
Beryllium	9-1	1237	1390	1300	1309	5.89	cps
Bismuth	209-1	3386300	3333749	3298660	3339570	1.32	cps
Bismuth	209-2	2942525	3008000	3007022	2985849	1.26	cps
Bromine	81-1	7645	7762	7502	7636	1.71	cps
Bromine	81-2	500	443	440	461	7.31	cps
Cadmium	108-1	410	410	433	418	3.22	cps
Cadmium	106-1	1923	1993	2067	1995	3.59	cps
Cadmium	111-1	6264	5933	6121	6106	2.72	cps
Calcium	43-1	426127	432733	437148	432003	1.28	cps
Calcium	44-1	6662929	6800562	6852973	6772155	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145753	146552	144741	145682	0.62	cps
Cobalt	59-2	145572	143846	142611	144010	1.03	cps
Copper	63-2	717667	709508	714609	713928	0.58	cps
Dysprosium	156-1	42146	43751	43601	43166	2.05	cps
Dysprosium	156-2	37573	37259	38633	37822	1.90	cps
Erbium	164-1	35909	36631	35973	36171	1.11	cps
Erbium	164-2	26388	26405	25844	26212	1.22	cps
Gadolinium	160-1	41745	41969	42337	42017	0.71	cps
Gadolinium	160-2	32361	31756	32986	32367	1.90	cps
Holmium	165-1	5788060	5836309	5811317	5811896	0.42	cps
Holmium	165-2	4242966	4307933	4295599	4282166	0.81	cps
Indium	115-1	5193237	5198980	5216982	5203067	0.24	cps
Indium	115-2	1876054	1899127	1884871	1886684	0.62	cps
Iron	56-2	220945390	218317477	215512230	218258366	1.24	cps
Iron	57-2	5476063	5431962	5550801	5486275	1.09	cps
Iron	54-2	12036008	12058539	12172697	12089081	0.61	cps
Krypton	83-1	277	233	310	273	14.06	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-11	Instrumnet Name :	P7
Client Sample ID :	MYDB51D	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:02:44	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	715799	735021	738058	729626	1.65	cps
Lead	207-1	673328	681598	679420	678115	0.63	cps
Lead	208-1	2950257	3215332	2997694	3054428	4.63	cps
Lithium	6-1	634578	633740	628085	632134	0.56	cps
Magnesium	24-2	3602402	3613333	3733898	3649878	2.00	cps
Manganese	55-2	4650034	4624249	4602953	4625745	0.51	cps
Molybdenum	94-1	30909	32196	31397	31501	2.06	cps
Molybdenum	95-1	4647	4487	4787	4641	3.24	cps
Molybdenum	96-1	11191	11371	11748	11437	2.49	cps
Molybdenum	97-1	2784	2837	2817	2813	0.96	cps
Molybdenum	98-1	6845	6905	6878	6876	0.44	cps
Neodymium	150-1	77827	78838	78832	78499	0.74	cps
Neodymium	150-2	47888	48302	48379	48190	0.55	cps
Nickel	60-2	48879	48538	48846	48755	0.39	cps
Phosphorus	31-2	22527	22774	23438	22913	2.06	cps
Potassium	39-2	2881420	2846045	2912504	2879990	1.15	cps
Rhodium	103-1	5026344	5102560	5111859	5080254	0.92	cps
Rhodium	103-2	3162697	3231210	3177628	3190511	1.13	cps
Scandium	45-1	3703494	3715293	3760867	3726551	0.81	cps
Scandium	45-2	326474	331084	326120	327893	0.84	cps
Selenium	82-1	600	690	642	644	7.01	cps
Selenium	77-2	200	160	207	189	13.36	cps
Selenium	78-2	577	523	547	549	4.87	cps
Silicon	28-1	24616245	24942960	25266525	24941910	1.30	cps
Silver	107-1	9833	9663	10044	9847	1.93	cps
Silver	109-1	9066	9006	9283	9118	1.60	cps
Sodium	23-2	139746	138792	139752	139430	0.40	cps
Strontium	86-1	204960	213602	213235	210599	2.32	cps
Strontium	88-1	1875761	1902765	1929338	1902622	1.41	cps
Sulfur	34-1	288641	286736	287669	287682	0.33	cps
Terbium	159-1	6061347	6063074	6092423	6072281	0.29	cps
Terbium	159-2	4227829	4331760	4307256	4288948	1.27	cps
Thallium	203-1	1370	1597	1583	1517	8.39	cps
Thallium	205-1	3430	3567	3490	3496	1.96	cps
Tin	118-1	15662	16266	16286	16071	2.21	cps
Titanium	47-1	979681	1009152	1004735	997856	1.59	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-11	Instrumnet Name :	P7
Client Sample ID :	MYDB51D	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:02:44	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11765	11922	12162	11950	1.67	cps
Vanadium	51-2	371958	371271	373978	372402	0.38	cps
Yttrium	89-1	10115326	10121048	10157043	10131139	0.22	cps
Yttrium	89-2	2649482	2741556	2701209	2697416	1.71	cps
Zinc	66-2	431152	435781	430047	432327	0.70	cps
Zirconium	90-1	78106	81016	82349	80490	2.70	cps
Zirconium	91-1	18215	18328	17864	18136	1.33	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYDB51L	Dilution Factor :	5
Date & Time Acquired :	2024-10-28 18:05:55	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1089177	1076506	1075437	1080373	0.71	cps
Antimony	121-1	3020	3164	2967	3050	3.33	cps
Arsenic	75-2	19707	19516	19216	19480	1.27	cps
Barium	135-1	96712	98884	101794	99130	2.57	cps
Barium	137-1	168296	168267	169156	168573	0.30	cps
Beryllium	9-1	240	240	250	243	2.37	cps
Bismuth	209-1	3336143	3497457	3411170	3414923	2.36	cps
Bismuth	209-2	2959633	2984524	2974264	2972807	0.42	cps
Bromine	81-1	6288	6415	6371	6358	1.01	cps
Bromine	81-2	110	117	110	112	3.43	cps
Cadmium	108-1	97	90	90	92	4.18	cps
Cadmium	106-1	1613	1423	1383	1473	8.34	cps
Cadmium	111-1	2012	1793	1809	1871	6.51	cps
Calcium	43-1	81458	82489	79400	81116	1.94	cps
Calcium	44-1	1223956	1305094	1300876	1276642	3.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28287	27418	27004	27570	2.37	cps
Cobalt	59-2	26407	25822	26337	26189	1.22	cps
Copper	63-2	130093	130803	130437	130444	0.27	cps
Dysprosium	156-1	7572	8052	8149	7925	3.90	cps
Dysprosium	156-2	6888	6855	6985	6910	0.98	cps
Erbium	164-1	6435	6678	6805	6639	2.83	cps
Erbium	164-2	4661	4828	4784	4758	1.82	cps
Gadolinium	160-1	7956	7405	7519	7627	3.81	cps
Gadolinium	160-2	5871	6121	5658	5884	3.94	cps
Holmium	165-1	5752508	5676599	5864656	5764588	1.64	cps
Holmium	165-2	4238372	4244644	4173558	4218858	0.93	cps
Indium	115-1	5197164	5112803	5357225	5222398	2.38	cps
Indium	115-2	1895455	1897111	1869064	1887210	0.83	cps
Iron	56-2	39509693	39735313	39265804	39503603	0.59	cps
Iron	57-2	1011490	1007631	1012590	1010570	0.26	cps
Iron	54-2	2175718	2179871	2167974	2174521	0.28	cps
Krypton	83-1	243	230	217	230	5.80	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYDB51L	Dilution Factor :	5
Date & Time Acquired :	2024-10-28 18:05:55	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	133965	138369	139207	137181	2.05	cps
Lead	207-1	124675	125386	123592	124551	0.73	cps
Lead	208-1	557798	560843	550348	556329	0.97	cps
Lithium	6-1	608565	664264	649004	640611	4.49	cps
Magnesium	24-2	687792	676006	672924	678907	1.16	cps
Manganese	55-2	852364	854599	841865	849609	0.80	cps
Molybdenum	94-1	6005	5915	5611	5843	3.53	cps
Molybdenum	95-1	843	930	883	886	4.90	cps
Molybdenum	96-1	2167	2144	2090	2134	1.84	cps
Molybdenum	97-1	647	423	617	562	21.56	cps
Molybdenum	98-1	1300	1353	1333	1329	2.03	cps
Neodymium	150-1	14631	14414	14498	14514	0.75	cps
Neodymium	150-2	8596	8486	8930	8671	2.66	cps
Nickel	60-2	8929	9089	9373	9131	2.46	cps
Phosphorus	31-2	4171	4237	4307	4238	1.61	cps
Potassium	39-2	619925	617067	617275	618089	0.26	cps
Rhodium	103-1	4974376	5050451	4924004	4982944	1.28	cps
Rhodium	103-2	3207296	3206173	3203138	3205536	0.07	cps
Scandium	45-1	3529132	3658873	3694987	3627664	2.40	cps
Scandium	45-2	310387	308747	309155	309429	0.28	cps
Selenium	82-1	420	418	434	424	2.06	cps
Selenium	77-2	50	30	37	39	26.18	cps
Selenium	78-2	367	343	380	363	5.11	cps
Silicon	28-1	5064013	5093744	5214545	5124101	1.56	cps
Silver	107-1	1850	1873	1773	1832	2.86	cps
Silver	109-1	1750	1717	1740	1736	0.99	cps
Sodium	23-2	73933	74405	73775	74038	0.44	cps
Strontium	86-1	37491	38657	38978	38376	2.04	cps
Strontium	88-1	342282	335120	330354	335919	1.79	cps
Sulfur	34-1	152135	152354	152872	152454	0.25	cps
Terbium	159-1	5906155	5976776	5913140	5932023	0.66	cps
Terbium	159-2	4250380	4282095	4176793	4236423	1.28	cps
Thallium	203-1	317	387	293	332	14.62	cps
Thallium	205-1	837	757	643	746	13.03	cps
Tin	118-1	4231	4277	4057	4188	2.77	cps
Titanium	47-1	180264	184237	188377	184293	2.20	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYDB51L	Dilution Factor :	5
Date & Time Acquired :	2024-10-28 18:05:55	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2120	2024	2064	2069	2.35	cps
Vanadium	51-2	66456	66583	66000	66346	0.46	cps
Yttrium	89-1	9562818	9926353	9488334	9659168	2.43	cps
Yttrium	89-2	2538287	2578993	2519458	2545579	1.20	cps
Zinc	66-2	81015	81176	80345	80845	0.55	cps
Zirconium	90-1	13960	15151	15191	14768	4.74	cps
Zirconium	91-1	3310	3250	3264	3275	0.96	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-12	Instrumnet Name :	P7
Client Sample ID :	MYDB51S	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:09:13	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5828776	5759965	5816466	5801735	0.63	cps
Antimony	121-1	421217	438055	432999	430757	2.01	cps
Arsenic	75-2	113446	113020	114262	113576	0.56	cps
Barium	135-1	2590555	2648778	2693569	2644301	1.95	cps
Barium	137-1	4433810	4568773	4643837	4548807	2.34	cps
Beryllium	9-1	30366	31382	29969	30572	2.38	cps
Bismuth	209-1	3360534	3374895	3437164	3390864	1.20	cps
Bismuth	209-2	2911724	2964524	3029749	2968665	1.99	cps
Bromine	81-1	7459	7529	7485	7491	0.47	cps
Bromine	81-2	453	563	487	501	11.26	cps
Cadmium	108-1	4047	3540	3824	3804	6.68	cps
Cadmium	106-1	6482	6768	6482	6577	2.52	cps
Cadmium	111-1	55162	55791	56329	55761	1.05	cps
Calcium	43-1	411639	418757	424274	418223	1.51	cps
Calcium	44-1	6326904	6416070	6740316	6494430	3.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	561345	560099	558343	559929	0.27	cps
Cobalt	59-2	1712588	1728890	1706112	1715863	0.68	cps
Copper	63-2	1230190	1230619	1217599	1226136	0.60	cps
Dysprosium	156-1	40762	41257	41347	41122	0.77	cps
Dysprosium	156-2	36695	37046	36634	36791	0.60	cps
Erbium	164-1	34306	34329	34930	34522	1.03	cps
Erbium	164-2	25430	25373	25106	25303	0.68	cps
Gadolinium	160-1	39730	40452	40926	40369	1.49	cps
Gadolinium	160-2	31348	31973	30460	31261	2.43	cps
Holmium	165-1	5832477	5954957	5801710	5863048	1.38	cps
Holmium	165-2	4210750	4303949	4253546	4256082	1.10	cps
Indium	115-1	5083854	5102137	5319448	5168480	2.54	cps
Indium	115-2	1886862	1879088	1866028	1877326	0.56	cps
Iron	56-2	212903617	213316430	214195010	213471686	0.31	cps
Iron	57-2	5301960	5244918	5203700	5250193	0.94	cps
Iron	54-2	11813473	11875906	11713401	11800927	0.69	cps
Krypton	83-1	280	320	287	296	7.25	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-12	Instrumnet Name :	P7
Client Sample ID :	MYDB51S	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:09:13	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	755869	778686	768420	767658	1.49	cps
Lead	207-1	686901	704816	705240	698986	1.50	cps
Lead	208-1	3277638	3354155	3389318	3340370	1.71	cps
Lithium	6-1	630977	619206	652402	634195	2.65	cps
Magnesium	24-2	3589050	3488668	3518103	3531941	1.46	cps
Manganese	55-2	5270522	5263171	5214000	5249231	0.59	cps
Molybdenum	94-1	29800	31046	30662	30503	2.09	cps
Molybdenum	95-1	4131	4284	4444	4286	3.66	cps
Molybdenum	96-1	10724	10914	11281	10973	2.58	cps
Molybdenum	97-1	2470	2644	2684	2599	4.36	cps
Molybdenum	98-1	6688	6668	6855	6737	1.52	cps
Neodymium	150-1	72559	75129	76446	74711	2.65	cps
Neodymium	150-2	46219	47543	47031	46931	1.42	cps
Nickel	60-2	446380	444054	441797	444077	0.52	cps
Phosphorus	31-2	21943	22093	22390	22142	1.03	cps
Potassium	39-2	2815839	2758314	2714746	2762966	1.84	cps
Rhodium	103-1	4964147	4925671	4882124	4923981	0.83	cps
Rhodium	103-2	3144064	3169171	3157977	3157071	0.40	cps
Scandium	45-1	3642743	3645252	3749754	3679249	1.66	cps
Scandium	45-2	321316	324535	324724	323525	0.59	cps
Selenium	82-1	7313	7567	7396	7425	1.75	cps
Selenium	77-2	867	790	873	843	5.49	cps
Selenium	78-2	2807	2704	3004	2838	5.37	cps
Silicon	28-1	24703609	24440275	24947717	24697200	1.03	cps
Silver	107-1	229140	235117	235072	233110	1.47	cps
Silver	109-1	217234	225289	219462	220661	1.88	cps
Sodium	23-2	131916	132263	132538	132239	0.24	cps
Strontium	86-1	199892	207086	201300	202759	1.88	cps
Strontium	88-1	1759338	1803545	1780333	1781072	1.24	cps
Sulfur	34-1	281018	284432	280723	282058	0.73	cps
Terbium	159-1	5986746	6140417	5945418	6024194	1.71	cps
Terbium	159-2	4188961	4266059	4200828	4218616	0.98	cps
Thallium	203-1	142679	145697	146899	145092	1.50	cps
Thallium	205-1	333277	343301	353131	343236	2.89	cps
Tin	118-1	15615	15952	15929	15832	1.19	cps
Titanium	47-1	948656	972580	977652	966296	1.60	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-12	Instrumnet Name :	P7
Client Sample ID :	MYDB51S	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:09:13	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10458	10875	10281	10538	2.89	cps
Vanadium	51-2	1267244	1269887	1266065	1267732	0.15	cps
Yttrium	89-1	10014302	9881392	9942035	9945910	0.67	cps
Yttrium	89-2	2704176	2690515	2665866	2686852	0.72	cps
Zinc	66-2	605789	607760	602381	605310	0.45	cps
Zirconium	90-1	75543	77534	79655	77577	2.65	cps
Zirconium	91-1	16696	17420	17123	17080	2.13	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10MS	Instrumnet Name :	P7
Client Sample ID :	MYDB51SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:12:18	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5712397	5750527	5895899	5786274	1.67	cps
Antimony	121-1	1667113	1588029	1746697	1667280	4.76	cps
Arsenic	75-2	134450	133474	133020	133648	0.55	cps
Barium	135-1	8320951	7970784	8645231	8312322	4.06	cps
Barium	137-1	14235081	13676509	14914797	14275462	4.34	cps
Beryllium	9-1	110507	108330	114693	111177	2.91	cps
Bismuth	209-1	3345945	3497769	3540392	3461369	2.95	cps
Bismuth	209-2	2963608	3026044	3003109	2997587	1.05	cps
Bromine	81-1	7422	7549	7072	7347	3.36	cps
Bromine	81-2	397	437	393	409	5.90	cps
Cadmium	108-1	13360	12629	13386	13125	3.27	cps
Cadmium	106-1	19563	18796	20331	19563	3.92	cps
Cadmium	111-1	197691	187706	201819	195739	3.71	cps
Calcium	43-1	367344	355025	372917	365095	2.51	cps
Calcium	44-1	5739414	5605104	5837374	5727297	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1697212	1731798	1721372	1716794	1.03	cps
Cobalt	59-2	6191011	6062176	6131390	6128192	1.05	cps
Copper	63-2	2743670	2772054	2701591	2739105	1.29	cps
Dysprosium	156-1	36160	34947	37410	36172	3.40	cps
Dysprosium	156-2	33166	33426	33056	33216	0.57	cps
Erbium	164-1	30463	29665	31582	30570	3.15	cps
Erbium	164-2	22842	22532	22755	22710	0.71	cps
Gadolinium	160-1	35465	34794	37216	35825	3.49	cps
Gadolinium	160-2	27360	27564	27798	27574	0.79	cps
Holmium	165-1	5932329	5956253	6117984	6002189	1.68	cps
Holmium	165-2	4317712	4334202	4365027	4338980	0.55	cps
Indium	115-1	5165260	5293239	5489374	5315958	3.07	cps
Indium	115-2	1891717	1885338	1877985	1885013	0.36	cps
Iron	56-2	193088290	192232977	194363817	193228362	0.55	cps
Iron	57-2	4889614	4833215	4802133	4841654	0.92	cps
Iron	54-2	10882543	10787904	10827549	10832665	0.44	cps
Krypton	83-1	307	463	320	363	23.91	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10MS	Instrumnet Name :	P7
Client Sample ID :	MYDB51SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:12:18	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	807614	780652	832914	807060	3.24	cps
Lead	207-1	733657	710644	756904	733735	3.15	cps
Lead	208-1	3522687	3405934	3595671	3508097	2.73	cps
Lithium	6-1	635363	673494	660398	656418	2.95	cps
Magnesium	24-2	3136250	3177944	3192818	3169004	0.93	cps
Manganese	55-2	6691434	6711616	6739196	6714082	0.36	cps
Molybdenum	94-1	26751	26304	27616	26890	2.48	cps
Molybdenum	95-1	3871	4064	4001	3978	2.48	cps
Molybdenum	96-1	9857	9513	10330	9900	4.14	cps
Molybdenum	97-1	2450	2390	2310	2384	2.95	cps
Molybdenum	98-1	6305	5968	6345	6206	3.34	cps
Neodymium	150-1	65866	63413	69055	66111	4.28	cps
Neodymium	150-2	41551	41327	41568	41482	0.32	cps
Nickel	60-2	1607863	1611092	1612546	1610500	0.15	cps
Phosphorus	31-2	19860	19316	19709	19628	1.43	cps
Potassium	39-2	2474256	2491735	2475309	2480434	0.40	cps
Rhodium	103-1	5085050	5088243	5234814	5136036	1.67	cps
Rhodium	103-2	3229771	3241158	3167750	3212893	1.23	cps
Scandium	45-1	3704068	3811331	3795075	3770158	1.53	cps
Scandium	45-2	327060	326214	321792	325022	0.87	cps
Selenium	82-1	29276	27710	29845	28944	3.82	cps
Selenium	77-2	3130	2904	3010	3015	3.76	cps
Selenium	78-2	10440	10651	10327	10473	1.57	cps
Silicon	28-1	21881251	20843768	22255909	21660310	3.38	cps
Silver	107-1	687153	649574	691132	675953	3.39	cps
Silver	109-1	681327	639153	658458	659646	3.20	cps
Sodium	23-2	125403	125423	126542	125789	0.52	cps
Strontium	86-1	177392	171887	182185	177155	2.91	cps
Strontium	88-1	1609905	1526312	1663973	1600063	4.33	cps
Sulfur	34-1	265687	258846	269601	264711	2.06	cps
Terbium	159-1	6131761	6155927	6319249	6202312	1.64	cps
Terbium	159-2	4309321	4320137	4320419	4316626	0.15	cps
Thallium	203-1	548054	530787	570252	549698	3.60	cps
Thallium	205-1	1297361	1246409	1326591	1290120	3.15	cps
Tin	118-1	13980	13733	14745	14153	3.73	cps
Titanium	47-1	846179	819712	870504	845465	3.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-10MS	Instrumnet Name :	P7
Client Sample ID :	MYDB51SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:12:18	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9884	9567	10151	9867	2.96	cps
Vanadium	51-2	3815718	3768568	3786223	3790169	0.63	cps
Yttrium	89-1	10079429	10342739	10476024	10299397	1.96	cps
Yttrium	89-2	2666257	2672452	2643907	2660872	0.56	cps
Zinc	66-2	1066617	1074162	1072541	1071107	0.37	cps
Zirconium	90-1	67504	66293	69567	67788	2.44	cps
Zirconium	91-1	15448	15058	16006	15504	3.07	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-13RE	Instrumnet Name :	P7
Client Sample ID :	MYDB52	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:15:21	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9892224	9757746	9710955	9786975	0.96	cps
Antimony	121-1	6792	6908	7329	7010	4.03	cps
Arsenic	75-2	52670	51954	51890	52171	0.83	cps
Barium	135-1	833336	848354	851866	844519	1.17	cps
Barium	137-1	1437971	1458744	1462560	1453092	0.91	cps
Beryllium	9-1	2134	2374	2077	2195	7.18	cps
Bismuth	209-1	3359598	3424594	3374874	3386355	1.00	cps
Bismuth	209-2	2959758	2986480	2976824	2974354	0.45	cps
Bromine	81-1	7375	7629	7909	7638	3.49	cps
Bromine	81-2	610	527	590	576	7.56	cps
Cadmium	108-1	187	187	263	212	20.86	cps
Cadmium	106-1	1993	2050	1960	2001	2.27	cps
Cadmium	111-1	3258	3321	3165	3248	2.43	cps
Calcium	43-1	433944	440516	445589	440016	1.33	cps
Calcium	44-1	6852190	6862307	6938749	6884415	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	212493	213535	211719	212582	0.43	cps
Cobalt	59-2	253950	252273	250349	252191	0.71	cps
Copper	63-2	535696	532181	529592	532490	0.58	cps
Dysprosium	156-1	70456	73015	72419	71963	1.86	cps
Dysprosium	156-2	64788	64856	63784	64476	0.93	cps
Erbium	164-1	58207	59985	60604	59599	2.09	cps
Erbium	164-2	43725	43788	43147	43553	0.81	cps
Gadolinium	160-1	68901	70252	70500	69884	1.23	cps
Gadolinium	160-2	53023	52836	52776	52878	0.24	cps
Holmium	165-1	5826739	5917174	5926649	5890187	0.94	cps
Holmium	165-2	4273886	4369792	4316111	4319930	1.11	cps
Indium	115-1	5201952	5213651	5170012	5195205	0.43	cps
Indium	115-2	1864811	1901485	1855234	1873843	1.30	cps
Iron	56-2	333555075	328944075	328194342	330231164	0.88	cps
Iron	57-2	8254476	8311626	8110996	8225699	1.26	cps
Iron	54-2	18217476	18195646	18478318	18297147	0.86	cps
Krypton	83-1	330	340	373	348	6.52	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-13RE	Instrumnet Name :	P7
Client Sample ID :	MYDB52	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:15:21	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	267873	272680	270473	270342	0.89	cps
Lead	207-1	235143	235372	238012	236176	0.67	cps
Lead	208-1	1054201	1067684	1067407	1063097	0.72	cps
Lithium	6-1	649786	659730	653848	654455	0.76	cps
Magnesium	24-2	5958913	5817188	5793401	5856501	1.53	cps
Manganese	55-2	4913916	4930074	4915820	4919937	0.18	cps
Molybdenum	94-1	47497	49654	49631	48927	2.53	cps
Molybdenum	95-1	6245	6815	6765	6608	4.78	cps
Molybdenum	96-1	17424	17274	17607	17435	0.96	cps
Molybdenum	97-1	4071	3977	4174	4074	2.42	cps
Molybdenum	98-1	9830	10027	10347	10068	2.59	cps
Neodymium	150-1	131335	133414	133653	132801	0.96	cps
Neodymium	150-2	81205	81346	80803	81118	0.35	cps
Nickel	60-2	77449	76504	76641	76865	0.66	cps
Phosphorus	31-2	27274	27525	26930	27243	1.10	cps
Potassium	39-2	2602397	2574215	2595406	2590673	0.57	cps
Rhodium	103-1	5026572	5076014	4957603	5020063	1.18	cps
Rhodium	103-2	3217349	3212717	3166416	3198828	0.88	cps
Scandium	45-1	3823117	3870765	3878977	3857620	0.78	cps
Scandium	45-2	340729	333981	332586	335766	1.30	cps
Selenium	82-1	514	501	511	509	1.39	cps
Selenium	77-2	297	353	287	312	11.52	cps
Selenium	78-2	633	567	520	573	9.94	cps
Silicon	28-1	24226471	24273291	24757217	24418993	1.20	cps
Silver	107-1	4571	3854	3731	4052	11.20	cps
Silver	109-1	4314	3644	3280	3746	14.00	cps
Sodium	23-2	158261	158496	158123	158293	0.12	cps
Strontium	86-1	234661	235641	237699	236000	0.66	cps
Strontium	88-1	2145594	2164881	2174510	2161661	0.68	cps
Sulfur	34-1	153397	151054	151603	152018	0.81	cps
Terbium	159-1	6061459	6142407	6122766	6108878	0.69	cps
Terbium	159-2	4331478	4331103	4257872	4306818	0.98	cps
Thallium	203-1	1777	1673	1677	1709	3.44	cps
Thallium	205-1	4011	4097	3984	4031	1.47	cps
Tin	118-1	14160	15548	15302	15003	4.94	cps
Titanium	47-1	1021799	1037431	1051108	1036779	1.41	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-13RE	Instrumnet Name :	P7
Client Sample ID :	MYDB52	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:15:21	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18082	18837	18199	18373	2.21	cps
Vanadium	51-2	605659	603996	609102	606252	0.43	cps
Yttrium	89-1	10593398	10725689	10543188	10620758	0.89	cps
Yttrium	89-2	2830907	2800064	2792484	2807818	0.72	cps
Zinc	66-2	197013	196409	192132	195184	1.36	cps
Zirconium	90-1	123273	127559	126903	125912	1.83	cps
Zirconium	91-1	27292	27730	27763	27595	0.95	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDB00	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:18:32	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3238224	3228269	3189962	3218819	0.79	cps
Antimony	121-1	4361	4024	4121	4168	4.16	cps
Arsenic	75-2	37086	36816	36665	36856	0.58	cps
Barium	135-1	243763	245664	254877	248102	2.40	cps
Barium	137-1	436685	433902	420284	430290	2.04	cps
Beryllium	9-1	833	840	783	819	3.78	cps
Bismuth	209-1	3489069	3368339	3485323	3447577	1.99	cps
Bismuth	209-2	3048188	3081008	3019009	3049402	1.02	cps
Bromine	81-1	6775	6298	6662	6578	3.79	cps
Bromine	81-2	227	327	307	287	18.46	cps
Cadmium	108-1	187	173	167	176	5.80	cps
Cadmium	106-1	2000	1827	1627	1818	10.28	cps
Cadmium	111-1	3010	2981	2839	2943	3.11	cps
Calcium	43-1	169783	165863	168221	167956	1.17	cps
Calcium	44-1	2641071	2576543	2787092	2668235	4.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77230	77579	75880	76896	1.17	cps
Cobalt	59-2	103370	102474	102672	102838	0.46	cps
Copper	63-2	296567	296883	298777	297409	0.40	cps
Dysprosium	156-1	26478	27724	28355	27519	3.47	cps
Dysprosium	156-2	23273	23864	24314	23817	2.19	cps
Erbium	164-1	23259	23056	23987	23434	2.09	cps
Erbium	164-2	16927	16340	16713	16660	1.78	cps
Gadolinium	160-1	27975	26872	27153	27333	2.10	cps
Gadolinium	160-2	20221	20342	20806	20456	1.51	cps
Holmium	165-1	5895118	6038929	6148885	6027644	2.11	cps
Holmium	165-2	4336051	4293312	4315387	4314916	0.50	cps
Indium	115-1	5313323	5339041	5411342	5354569	0.95	cps
Indium	115-2	1882671	1902836	1874978	1886828	0.76	cps
Iron	56-2	128470621	126953671	128538231	127987508	0.70	cps
Iron	57-2	3199056	3142979	3153805	3165280	0.94	cps
Iron	54-2	7119562	7051378	6983147	7051362	0.97	cps
Krypton	83-1	310	233	280	274	14.08	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDB00	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:18:32	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	267232	268872	276362	270822	1.80	cps
Lead	207-1	249251	249640	240081	246324	2.20	cps
Lead	208-1	1095775	1078004	1075181	1082987	1.03	cps
Lithium	6-1	656966	656323	709053	674114	4.49	cps
Magnesium	24-2	2141250	2129890	2119857	2130332	0.50	cps
Manganese	55-2	2220764	2225763	2207546	2218024	0.42	cps
Molybdenum	94-1	21866	21439	21476	21594	1.10	cps
Molybdenum	95-1	1910	1870	1967	1916	2.54	cps
Molybdenum	96-1	6482	6692	6348	6507	2.66	cps
Molybdenum	97-1	1427	1170	1170	1256	11.80	cps
Molybdenum	98-1	2950	3090	3040	3027	2.34	cps
Neodymium	150-1	49269	47567	49012	48616	1.89	cps
Neodymium	150-2	29945	29174	29945	29688	1.50	cps
Nickel	60-2	29643	29559	29583	29595	0.15	cps
Phosphorus	31-2	14197	13616	13753	13855	2.19	cps
Potassium	39-2	1393139	1372328	1369627	1378365	0.93	cps
Rhodium	103-1	5092910	5381753	5192829	5222497	2.81	cps
Rhodium	103-2	3286301	3207858	3194699	3229619	1.53	cps
Scandium	45-1	3735600	3623866	3914124	3757863	3.90	cps
Scandium	45-2	320718	320891	319308	320306	0.27	cps
Selenium	82-1	420	475	362	419	13.53	cps
Selenium	77-2	107	97	127	110	13.89	cps
Selenium	78-2	363	417	357	379	8.68	cps
Silicon	28-1	12068366	12738432	12460380	12422393	2.71	cps
Silver	107-1	3550	3314	3574	3479	4.14	cps
Silver	109-1	3330	3354	3227	3304	2.04	cps
Sodium	23-2	105102	105317	105441	105287	0.16	cps
Strontium	86-1	86874	90215	86134	87741	2.48	cps
Strontium	88-1	773853	748895	744193	755647	2.11	cps
Sulfur	34-1	146632	144411	145201	145415	0.77	cps
Terbium	159-1	6378885	6388348	6126146	6297793	2.36	cps
Terbium	159-2	4333638	4256333	4284254	4291408	0.91	cps
Thallium	203-1	907	870	777	851	7.88	cps
Thallium	205-1	1900	1940	1930	1923	1.08	cps
Tin	118-1	9373	10451	9440	9755	6.19	cps
Titanium	47-1	601138	624532	610213	611961	1.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4312-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDB00	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:18:32	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7209	6879	6992	7026	2.39	cps
Vanadium	51-2	226755	227502	225071	226443	0.55	cps
Yttrium	89-1	10111592	9982008	10133763	10075788	0.81	cps
Yttrium	89-2	2631713	2659867	2597316	2629632	1.19	cps
Zinc	66-2	161082	161537	159149	160589	0.79	cps
Zirconium	90-1	56756	55581	59088	57142	3.12	cps
Zirconium	91-1	12993	12886	12979	12952	0.45	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAX7	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:21:46	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4051682	4039467	4056434	4049194	0.22	cps
Antimony	121-1	1913	1833	1913	1887	2.45	cps
Arsenic	75-2	9363	9526	9146	9345	2.04	cps
Barium	135-1	283217	293164	285229	287203	1.83	cps
Barium	137-1	507580	492645	490639	496955	1.86	cps
Beryllium	9-1	880	700	647	742	16.47	cps
Bismuth	209-1	3379390	3512462	3426259	3439370	1.96	cps
Bismuth	209-2	3006481	2983525	3041216	3010407	0.96	cps
Bromine	81-1	6151	6251	6768	6390	5.18	cps
Bromine	81-2	233	250	240	241	3.48	cps
Cadmium	108-1	67	63	60	63	5.27	cps
Cadmium	106-1	1690	1500	1550	1580	6.23	cps
Cadmium	111-1	1353	1289	1273	1305	3.24	cps
Calcium	43-1	208361	210273	215292	211309	1.69	cps
Calcium	44-1	3191913	3434517	3238935	3288455	3.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79250	77481	78426	78386	1.13	cps
Cobalt	59-2	88547	87457	88415	88140	0.68	cps
Copper	63-2	174040	175790	172007	173946	1.09	cps
Dysprosium	156-1	30871	30720	29985	30525	1.55	cps
Dysprosium	156-2	27066	26502	26642	26737	1.10	cps
Erbium	164-1	25727	27030	26118	26291	2.54	cps
Erbium	164-2	19033	19263	18819	19039	1.17	cps
Gadolinium	160-1	30600	30573	31352	30842	1.43	cps
Gadolinium	160-2	24171	23687	23079	23646	2.31	cps
Holmium	165-1	5944472	5931605	5738573	5871550	1.96	cps
Holmium	165-2	4316073	4339863	4392077	4349338	0.89	cps
Indium	115-1	5302053	5239356	5228901	5256770	0.75	cps
Indium	115-2	1896593	1905259	1883804	1895219	0.57	cps
Iron	56-2	131601628	132354251	128701351	130885744	1.47	cps
Iron	57-2	3252357	3273226	3181560	3235714	1.48	cps
Iron	54-2	7232884	7270308	7066651	7189948	1.51	cps
Krypton	83-1	223	267	293	261	13.53	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAX7	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:21:46	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	37057	38250	37455	37587	1.62	cps
Lead	207-1	32108	30170	30330	30870	3.48	cps
Lead	208-1	142810	143406	143538	143251	0.27	cps
Lithium	6-1	629864	704056	662332	665418	5.59	cps
Magnesium	24-2	2532915	2484832	2495724	2504491	1.01	cps
Manganese	55-2	1789960	1821567	1736968	1782832	2.40	cps
Molybdenum	94-1	21753	21669	22925	22116	3.17	cps
Molybdenum	95-1	1470	1520	1470	1487	1.94	cps
Molybdenum	96-1	6295	6055	6301	6217	2.26	cps
Molybdenum	97-1	987	920	983	963	3.90	cps
Molybdenum	98-1	2324	2467	2274	2355	4.26	cps
Neodymium	150-1	54331	56616	56984	55977	2.57	cps
Neodymium	150-2	34649	34920	34105	34558	1.20	cps
Nickel	60-2	26250	25452	26497	26066	2.10	cps
Phosphorus	31-2	10217	9813	9843	9958	2.26	cps
Potassium	39-2	669524	655656	655101	660094	1.24	cps
Rhodium	103-1	5520376	5103876	5106121	5243458	4.57	cps
Rhodium	103-2	3165592	3199103	3234105	3199600	1.07	cps
Scandium	45-1	3656589	3827181	3606769	3696846	3.13	cps
Scandium	45-2	324670	324212	317807	322230	1.19	cps
Selenium	82-1	459	390	441	430	8.35	cps
Selenium	77-2	117	103	110	110	6.06	cps
Selenium	78-2	407	490	393	430	12.18	cps
Silicon	28-1	13672593	13455387	13281552	13469844	1.45	cps
Silver	107-1	447	430	490	456	6.80	cps
Silver	109-1	370	360	343	358	3.77	cps
Sodium	23-2	133351	132349	132051	132584	0.51	cps
Strontium	86-1	120657	118264	116021	118314	1.96	cps
Strontium	88-1	995444	1010750	1048378	1018191	2.68	cps
Sulfur	34-1	138077	133769	131735	134527	2.41	cps
Terbium	159-1	6455345	6064708	5929326	6149793	4.44	cps
Terbium	159-2	4377050	4187290	4243809	4269383	2.28	cps
Thallium	203-1	573	483	627	561	12.91	cps
Thallium	205-1	1263	1373	1400	1346	5.38	cps
Tin	118-1	6118	5765	5861	5915	3.09	cps
Titanium	47-1	667949	649530	637622	651700	2.34	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAX7	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:21:46	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6242	6108	5998	6116	1.99	cps
Vanadium	51-2	228873	229773	230444	229697	0.34	cps
Yttrium	89-1	9773685	10342820	10232521	10116342	2.98	cps
Yttrium	89-2	2657878	2672745	2654862	2661829	0.36	cps
Zinc	66-2	47318	46743	46786	46949	0.68	cps
Zirconium	90-1	56699	58797	57378	57625	1.86	cps
Zirconium	91-1	13146	12272	12582	12667	3.50	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY3	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:24:59	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3954463	3908965	3999770	3954399	1.15	cps
Antimony	121-1	2457	2647	2707	2604	5.01	cps
Arsenic	75-2	12786	13009	12912	12902	0.87	cps
Barium	135-1	275901	265349	274204	271818	2.08	cps
Barium	137-1	454327	481766	470681	468925	2.94	cps
Beryllium	9-1	677	700	743	707	4.79	cps
Bismuth	209-1	3415686	3368235	3259700	3347874	2.39	cps
Bismuth	209-2	2980341	2992412	3022776	2998510	0.73	cps
Bromine	81-1	6255	6321	6158	6245	1.32	cps
Bromine	81-2	190	217	220	209	7.87	cps
Cadmium	108-1	57	97	77	77	26.09	cps
Cadmium	106-1	1710	1687	1480	1626	7.79	cps
Cadmium	111-1	1411	1380	1242	1344	6.67	cps
Calcium	43-1	203668	206581	203994	204748	0.78	cps
Calcium	44-1	3413958	3233356	3178446	3275253	3.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85135	85212	84324	84891	0.58	cps
Cobalt	59-2	96783	96689	95287	96253	0.87	cps
Copper	63-2	178442	177943	178816	178400	0.25	cps
Dysprosium	156-1	26979	27140	27477	27199	0.93	cps
Dysprosium	156-2	23263	24057	23663	23661	1.68	cps
Erbium	164-1	23924	23433	23660	23672	1.04	cps
Erbium	164-2	16947	17411	17084	17147	1.39	cps
Gadolinium	160-1	26695	28395	26715	27269	3.58	cps
Gadolinium	160-2	20869	20295	20982	20715	1.78	cps
Holmium	165-1	6050082	5772810	5982027	5934973	2.43	cps
Holmium	165-2	4293655	4347451	4217022	4286042	1.53	cps
Indium	115-1	5454963	5123554	5224512	5267676	3.22	cps
Indium	115-2	1886625	1858263	1900929	1881939	1.15	cps
Iron	56-2	132354195	131170361	132628615	132051057	0.59	cps
Iron	57-2	3284282	3245334	3307206	3278941	0.95	cps
Iron	54-2	7408731	7261773	7341018	7337174	1.00	cps
Krypton	83-1	213	293	267	258	15.80	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY3	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:24:59	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	43325	41824	41042	42064	2.76	cps
Lead	207-1	33601	35289	34935	34608	2.57	cps
Lead	208-1	157346	160115	158525	158662	0.88	cps
Lithium	6-1	694926	622321	624995	647414	6.36	cps
Magnesium	24-2	2638698	2631229	2691973	2653967	1.25	cps
Manganese	55-2	2985885	2995186	3041849	3007640	1.00	cps
Molybdenum	94-1	27219	27923	27676	27606	1.29	cps
Molybdenum	95-1	1777	1907	1820	1835	3.61	cps
Molybdenum	96-1	7649	7435	7462	7515	1.55	cps
Molybdenum	97-1	1187	1133	980	1100	9.75	cps
Molybdenum	98-1	2850	2730	2690	2757	3.02	cps
Neodymium	150-1	49189	48229	48737	48718	0.99	cps
Neodymium	150-2	30129	29758	30410	30099	1.09	cps
Nickel	60-2	26153	26844	26393	26463	1.33	cps
Phosphorus	31-2	10160	10344	10103	10202	1.23	cps
Potassium	39-2	771402	773080	772220	772234	0.11	cps
Rhodium	103-1	5039205	5087471	5274378	5133684	2.42	cps
Rhodium	103-2	3220700	3216981	3156819	3198167	1.12	cps
Scandium	45-1	3918342	3603854	3583198	3701798	5.07	cps
Scandium	45-2	322667	318096	327650	322804	1.48	cps
Selenium	82-1	460	373	338	390	15.98	cps
Selenium	77-2	150	63	110	108	40.25	cps
Selenium	78-2	467	440	453	453	2.94	cps
Silicon	28-1	12782788	12542799	13365196	12896928	3.28	cps
Silver	107-1	373	373	360	369	2.09	cps
Silver	109-1	330	420	310	353	16.58	cps
Sodium	23-2	99093	99113	100955	99720	1.07	cps
Strontium	86-1	108483	112731	114637	111951	2.81	cps
Strontium	88-1	937306	969342	953465	953371	1.68	cps
Sulfur	34-1	134065	134582	134193	134280	0.20	cps
Terbium	159-1	5970729	6294107	6088761	6117866	2.67	cps
Terbium	159-2	4275429	4258774	4220525	4251576	0.66	cps
Thallium	203-1	570	653	570	598	8.05	cps
Thallium	205-1	1400	1493	1497	1463	3.75	cps
Tin	118-1	6485	6732	9425	7547	21.61	cps
Titanium	47-1	658982	651723	678560	663088	2.09	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY3	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:24:59	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5418	5918	5481	5606	4.86	cps
Vanadium	51-2	235206	233464	230777	233149	0.96	cps
Yttrium	89-1	10093758	9907312	9783841	9928304	1.57	cps
Yttrium	89-2	2626741	2606413	2593648	2608934	0.64	cps
Zinc	66-2	52241	51174	51254	51556	1.15	cps
Zirconium	90-1	74759	73007	73503	73756	1.22	cps
Zirconium	91-1	15992	16473	16630	16365	2.03	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-14DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY6	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:28:14	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4214267	4036021	4156391	4135560	2.20	cps
Antimony	121-1	2454	2454	2524	2477	1.63	cps
Arsenic	75-2	12759	12519	12412	12563	1.41	cps
Barium	135-1	279459	287201	286541	284400	1.51	cps
Barium	137-1	476936	478346	475970	477084	0.25	cps
Beryllium	9-1	773	820	687	760	8.90	cps
Bismuth	209-1	3367569	3347464	3397309	3370781	0.74	cps
Bismuth	209-2	3008728	2998718	2988416	2998621	0.34	cps
Bromine	81-1	6465	6308	6595	6456	2.22	cps
Bromine	81-2	310	367	370	349	9.66	cps
Cadmium	108-1	80	87	90	86	5.95	cps
Cadmium	106-1	1527	1607	1557	1563	2.59	cps
Cadmium	111-1	1329	1384	1367	1360	2.05	cps
Calcium	43-1	227123	229014	230059	228732	0.65	cps
Calcium	44-1	3593047	3745363	3754873	3697761	2.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119694	118995	120896	119862	0.80	cps
Cobalt	59-2	90914	92644	91547	91702	0.95	cps
Copper	63-2	191160	187557	190755	189824	1.04	cps
Dysprosium	156-1	30797	31298	29835	30643	2.43	cps
Dysprosium	156-2	26184	26986	25760	26310	2.37	cps
Erbium	164-1	23927	24986	25857	24923	3.88	cps
Erbium	164-2	18359	17658	17972	17996	1.95	cps
Gadolinium	160-1	29675	30370	29665	29903	1.35	cps
Gadolinium	160-2	22742	22902	22855	22833	0.36	cps
Holmium	165-1	6045297	6106146	6054542	6068662	0.54	cps
Holmium	165-2	4201885	4361424	4229927	4264412	2.00	cps
Indium	115-1	5310181	5569510	5427648	5435780	2.39	cps
Indium	115-2	1881788	1898091	1878383	1886087	0.56	cps
Iron	56-2	120010772	117934548	118688715	118878012	0.88	cps
Iron	57-2	2923902	2888328	2898678	2903636	0.63	cps
Iron	54-2	6710302	6477330	6525418	6571017	1.87	cps
Krypton	83-1	227	313	300	280	16.67	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-14DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY6	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:28:14	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	52481	53508	53461	53150	1.09	cps
Lead	207-1	45071	44402	43717	44397	1.53	cps
Lead	208-1	200237	202781	200010	201009	0.77	cps
Lithium	6-1	643186	656074	665505	654922	1.71	cps
Magnesium	24-2	2941706	2785589	2865293	2864196	2.73	cps
Manganese	55-2	2044949	1957838	1999400	2000729	2.18	cps
Molybdenum	94-1	22334	23132	22811	22759	1.76	cps
Molybdenum	95-1	1413	1560	1483	1486	4.94	cps
Molybdenum	96-1	6158	6375	6335	6289	1.83	cps
Molybdenum	97-1	833	920	947	900	6.58	cps
Molybdenum	98-1	2290	2310	2390	2330	2.27	cps
Neodymium	150-1	53491	53919	53966	53792	0.49	cps
Neodymium	150-2	34378	33854	34332	34188	0.85	cps
Nickel	60-2	36641	37179	37019	36947	0.75	cps
Phosphorus	31-2	8946	9173	8606	8908	3.20	cps
Potassium	39-2	974867	978426	991308	981534	0.88	cps
Rhodium	103-1	5320591	5137211	5054627	5170810	2.63	cps
Rhodium	103-2	3229701	3313478	3224683	3255954	1.53	cps
Scandium	45-1	3679488	3786064	3742579	3736044	1.43	cps
Scandium	45-2	323995	318315	325327	322546	1.15	cps
Selenium	82-1	497	382	365	415	17.27	cps
Selenium	77-2	107	123	117	116	7.26	cps
Selenium	78-2	397	540	420	452	17.01	cps
Silicon	28-1	13939073	14160864	14116921	14072286	0.83	cps
Silver	107-1	1083	1037	1117	1079	3.72	cps
Silver	109-1	1000	913	1067	993	7.74	cps
Sodium	23-2	115428	115197	115375	115333	0.11	cps
Strontium	86-1	115168	114640	113622	114477	0.69	cps
Strontium	88-1	968501	963634	974528	968888	0.56	cps
Sulfur	34-1	135461	132995	133174	133877	1.03	cps
Terbium	159-1	6310781	6098375	5927016	6112057	3.15	cps
Terbium	159-2	4254324	4312176	4286226	4284242	0.68	cps
Thallium	203-1	580	620	527	576	8.14	cps
Thallium	205-1	1450	1460	1273	1395	7.53	cps
Tin	118-1	6318	6462	6241	6340	1.76	cps
Titanium	47-1	546866	549408	542863	546379	0.60	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4311-14DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAY6	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:28:14	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6622	6285	6445	6451	2.61	cps
Vanadium	51-2	194063	200614	195773	196817	1.73	cps
Yttrium	89-1	9844109	9812092	9771256	9809152	0.37	cps
Yttrium	89-2	2639946	2734938	2639767	2671550	2.05	cps
Zinc	66-2	57038	58651	56647	57446	1.85	cps
Zirconium	90-1	61941	62031	62549	62174	0.53	cps
Zirconium	91-1	13216	13490	13593	13433	1.45	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAT0	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:31:25	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3986424	3966120	4025345	3992630	0.75	cps
Antimony	121-1	2840	3097	3014	2984	4.39	cps
Arsenic	75-2	17500	17137	17751	17463	1.77	cps
Barium	135-1	331075	321353	317685	323371	2.14	cps
Barium	137-1	547173	561374	558261	555603	1.34	cps
Beryllium	9-1	843	800	737	793	6.76	cps
Bismuth	209-1	3354166	3397809	3431233	3394402	1.14	cps
Bismuth	209-2	3074619	3077928	2724499	2959015	6.86	cps
Bromine	81-1	6231	6645	6768	6548	4.29	cps
Bromine	81-2	300	273	257	277	7.90	cps
Cadmium	108-1	117	117	97	110	10.50	cps
Cadmium	106-1	1610	1747	1713	1690	4.22	cps
Cadmium	111-1	1579	1691	1792	1687	6.32	cps
Calcium	43-1	198627	208810	207720	205052	2.73	cps
Calcium	44-1	3172583	3212783	3202855	3196074	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95477	93035	94178	94230	1.30	cps
Cobalt	59-2	87903	88731	89079	88571	0.68	cps
Copper	63-2	187227	186431	189261	187640	0.78	cps
Dysprosium	156-1	25770	24725	25280	25258	2.07	cps
Dysprosium	156-2	22131	22398	23500	22676	3.20	cps
Erbium	164-1	21273	21126	21707	21369	1.41	cps
Erbium	164-2	15832	15916	15636	15795	0.91	cps
Gadolinium	160-1	24244	25119	25770	25045	3.06	cps
Gadolinium	160-2	18723	18970	18582	18758	1.04	cps
Holmium	165-1	6253865	5908119	5881164	6014383	3.46	cps
Holmium	165-2	4460056	4408052	3784139	4217415	8.92	cps
Indium	115-1	5570790	5285812	5269746	5375449	3.15	cps
Indium	115-2	1966655	1917400	1681910	1855322	8.20	cps
Iron	56-2	134182341	135043075	132798458	134007958	0.85	cps
Iron	57-2	3362486	3327953	3355232	3348557	0.54	cps
Iron	54-2	7417463	7338766	7395359	7383863	0.55	cps
Krypton	83-1	227	277	220	241	12.85	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAT0	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:31:25	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	96235	93468	93737	94480	1.61	cps
Lead	207-1	81707	81952	83297	82318	1.04	cps
Lead	208-1	366614	374157	378816	373195	1.65	cps
Lithium	6-1	693012	663493	672112	676206	2.24	cps
Magnesium	24-2	2315481	2333973	2339946	2329800	0.55	cps
Manganese	55-2	1921755	1919442	1868369	1903189	1.59	cps
Molybdenum	94-1	27616	28511	28752	28293	2.12	cps
Molybdenum	95-1	1977	1830	1737	1848	6.55	cps
Molybdenum	96-1	7529	7886	7535	7650	2.67	cps
Molybdenum	97-1	1157	1207	1117	1160	3.89	cps
Molybdenum	98-1	2817	2744	2767	2776	1.35	cps
Neodymium	150-1	44296	45349	45403	45016	1.39	cps
Neodymium	150-2	27764	27894	27453	27704	0.82	cps
Nickel	60-2	28798	27696	27960	28151	2.04	cps
Phosphorus	31-2	10670	10577	10354	10534	1.55	cps
Potassium	39-2	1204164	1173919	1204525	1194203	1.47	cps
Rhodium	103-1	5243130	5088155	5150510	5160598	1.51	cps
Rhodium	103-2	3339340	3231333	2859519	3143397	8.01	cps
Scandium	45-1	3927423	3771237	3718713	3805791	2.85	cps
Scandium	45-2	331224	322326	290924	314824	6.72	cps
Selenium	82-1	384	375	486	415	14.83	cps
Selenium	77-2	90	90	63	81	18.98	cps
Selenium	78-2	487	453	470	470	3.55	cps
Silicon	28-1	12910349	12320674	12521094	12584039	2.38	cps
Silver	107-1	890	937	923	917	2.62	cps
Silver	109-1	847	903	863	871	3.34	cps
Sodium	23-2	104888	104099	105488	104825	0.66	cps
Strontium	86-1	114623	115149	111909	113894	1.53	cps
Strontium	88-1	979011	1039132	1036546	1018230	3.34	cps
Sulfur	34-1	140293	140112	139561	139988	0.27	cps
Terbium	159-1	6140154	6142351	6091766	6124757	0.47	cps
Terbium	159-2	4428968	4358517	3792315	4193267	8.32	cps
Thallium	203-1	730	673	697	700	4.07	cps
Thallium	205-1	1413	1790	1710	1638	12.12	cps
Tin	118-1	4222	3644	3544	3803	9.62	cps
Titanium	47-1	544239	532994	533198	536810	1.20	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4309-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAT0	Dilution Factor :	2
Date & Time Acquired :	2024-10-28 18:31:25	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6788	6768	7032	6863	2.14	cps
Vanadium	51-2	249194	246008	250140	248448	0.87	cps
Yttrium	89-1	9812614	9889853	9742075	9814847	0.75	cps
Yttrium	89-2	2718440	2637696	2356421	2570853	7.39	cps
Zinc	66-2	72646	72776	72522	72648	0.17	cps
Zirconium	90-1	76223	74930	74233	75129	1.34	cps
Zirconium	91-1	16386	16873	16933	16731	1.79	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:34:40	DataFile Name :	095CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6806494	6789390	6757483	6784456	0.37	cps
Antimony	121-1	2991158	3110637	3077029	3059608	2.01	cps
Arsenic	75-2	202955	203664	203489	203369	0.18	cps
Barium	135-1	3731505	3791146	3813606	3778752	1.12	cps
Barium	137-1	6299323	6466254	6503104	6422893	1.69	cps
Beryllium	9-1	433638	455874	465496	451669	3.62	cps
Bismuth	209-1	3311855	3310149	3349962	3323989	0.68	cps
Bismuth	209-2	2944933	2930371	2937864	2937722	0.25	cps
Bromine	81-1	6228	6278	6181	6229	0.78	cps
Bromine	81-2	57	93	67	72	26.24	cps
Cadmium	108-1	54040	55814	55864	55239	1.88	cps
Cadmium	106-1	76025	78598	79302	77975	2.21	cps
Cadmium	111-1	731826	746769	752674	743756	1.44	cps
Calcium	43-1	4558464	4590518	4653290	4600757	1.05	cps
Calcium	44-1	74214544	74946441	74446064	74535683	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1392617	1388369	1378094	1386360	0.54	cps
Cobalt	59-2	2233737	2230117	2255397	2239750	0.61	cps
Copper	63-2	15881889	15776351	15953345	15870528	0.56	cps
Dysprosium	156-1	137	160	153	150	8.01	cps
Dysprosium	156-2	233	243	260	246	5.48	cps
Erbium	164-1	197	137	147	160	20.09	cps
Erbium	164-2	73	97	117	96	22.70	cps
Gadolinium	160-1	77	117	117	103	22.35	cps
Gadolinium	160-2	243	197	197	212	12.70	cps
Holmium	165-1	5873691	5899922	5925371	5899662	0.44	cps
Holmium	165-2	4407156	4386663	4416325	4403381	0.34	cps
Indium	115-1	5022411	5044166	5067255	5044611	0.44	cps
Indium	115-2	1844073	1840661	1850347	1845027	0.27	cps
Iron	56-2	297141096	296204276	296679376	296674916	0.16	cps
Iron	57-2	7451021	7363034	7388887	7400980	0.61	cps
Iron	54-2	16419649	16365187	16330029	16371622	0.28	cps
Krypton	83-1	243	200	243	229	10.93	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:34:40	DataFile Name :	095CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9278476	9500902	9666343	9481907	2.05	cps
Lead	207-1	8067052	8323778	8411550	8267460	2.17	cps
Lead	208-1	36794649	37798950	38292344	37628648	2.03	cps
Lithium	6-1	709120	748064	752097	736427	3.22	cps
Magnesium	24-2	55065563	54952836	54583686	54867361	0.46	cps
Manganese	55-2	9872128	9863275	9919395	9884933	0.31	cps
Molybdenum	94-1	12207593	12317862	12399041	12308165	0.78	cps
Molybdenum	95-1	17359943	17450695	17689169	17499936	0.97	cps
Molybdenum	96-1	18719035	19250061	19398869	19122655	1.87	cps
Molybdenum	97-1	10690120	10942783	11017179	10883361	1.58	cps
Molybdenum	98-1	27997967	28039131	28261205	28099434	0.50	cps
Neodymium	150-1	207	203	167	192	11.55	cps
Neodymium	150-2	83	97	87	89	7.81	cps
Nickel	60-2	551275	552529	553877	552560	0.24	cps
Phosphorus	31-2	79562	78276	78845	78894	0.82	cps
Potassium	39-2	38601971	38436443	38613799	38550737	0.26	cps
Rhodium	103-1	4820366	4858947	4843894	4841069	0.40	cps
Rhodium	103-2	3069164	2990440	3073796	3044467	1.54	cps
Scandium	45-1	3607946	3565246	3499492	3557561	1.54	cps
Scandium	45-2	304584	304789	307640	305671	0.56	cps
Selenium	82-1	50719	51186	50827	50911	0.48	cps
Selenium	77-2	5108	5144	4908	5053	2.52	cps
Selenium	78-2	17047	17053	17107	17069	0.19	cps
Silicon	28-1	20533893	20842969	21096208	20824357	1.35	cps
Silver	107-1	3889112	3919513	3879015	3895880	0.54	cps
Silver	109-1	3665841	3691565	3727194	3694867	0.83	cps
Sodium	23-2	95144312	95231899	94307182	94894464	0.54	cps
Strontium	86-1	25877852	26152225	26121191	26050423	0.58	cps
Strontium	88-1	225442243	229402023	227388237	227410834	0.87	cps
Sulfur	34-1	434005	443035	445703	440914	1.39	cps
Terbium	159-1	6061779	6229889	6142107	6144592	1.37	cps
Terbium	159-2	4378533	4389969	4389311	4385938	0.15	cps
Thallium	203-1	2334108	2379037	2398107	2370418	1.39	cps
Thallium	205-1	5497188	5588091	5606929	5564069	1.05	cps
Tin	118-1	2412885	2430187	2454947	2432673	0.87	cps
Titanium	47-1	4872928	5090931	5014296	4992718	2.22	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:34:40	DataFile Name :	095CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6859654	7246472	7260863	7122330	3.20	cps
Vanadium	51-2	1261181	1250641	1258453	1256759	0.44	cps
Yttrium	89-1	9415269	9451166	9672042	9512826	1.46	cps
Yttrium	89-2	2471986	2428542	2437475	2446001	0.94	cps
Zinc	66-2	2596101	2650224	2672056	2639461	1.48	cps
Zirconium	90-1	5594202	5592836	5704433	5630491	1.14	cps
Zirconium	91-1	1217893	1223686	1237056	1226212	0.80	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:37:27	DataFile Name :	096CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	763	750	690	734	5.32	cps
Antimony	121-1	2877	2540	1987	2468	18.21	cps
Arsenic	75-2	10	20	17	16	32.73	cps
Barium	135-1	357	267	230	284	22.91	cps
Barium	137-1	690	527	487	568	18.97	cps
Beryllium	9-1	100	103	60	88	27.47	cps
Bismuth	209-1	3706076	3886329	3590632	3727679	4.00	cps
Bismuth	209-2	3068750	3133288	3133101	3111713	1.20	cps
Bromine	81-1	5835	5658	5731	5741	1.55	cps
Bromine	81-2	73	63	57	64	13.01	cps
Cadmium	108-1	7	17	17	13	43.29	cps
Cadmium	106-1	1510	1577	1333	1473	8.53	cps
Cadmium	111-1	1196	1172	1008	1125	9.07	cps
Calcium	43-1	790	760	670	740	8.44	cps
Calcium	44-1	25675	24697	22407	24260	6.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	660	763	703	709	7.32	cps
Cobalt	59-2	163	160	150	158	4.40	cps
Copper	63-2	1327	1290	1240	1286	3.38	cps
Dysprosium	156-1	20	30	33	28	24.98	cps
Dysprosium	156-2	7	10	20	12	56.76	cps
Erbium	164-1	67	37	47	50	30.55	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	23	23	33	27	21.65	cps
Gadolinium	160-2	153	157	220	177	21.26	cps
Holmium	165-1	6073434	6355452	5933683	6120856	3.51	cps
Holmium	165-2	4377017	4313614	4307914	4332848	0.89	cps
Indium	115-1	5376000	5768601	5364426	5503009	4.18	cps
Indium	115-2	1927067	1911441	1917531	1918680	0.41	cps
Iron	56-2	29910	29178	29412	29500	1.27	cps
Iron	57-2	2987	3017	3040	3015	0.89	cps
Iron	54-2	2317	2374	2334	2341	1.24	cps
Krypton	83-1	153	363	270	262	40.12	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:37:27	DataFile Name :	096CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1457	1360	1067	1295	15.69	cps
Lead	207-1	1167	1293	967	1142	14.42	cps
Lead	208-1	5614	5631	4404	5216	13.49	cps
Lithium	6-1	775680	798045	754516	776080	2.80	cps
Magnesium	24-2	2987	2797	2944	2909	3.42	cps
Manganese	55-2	1360	1297	1197	1285	6.41	cps
Molybdenum	94-1	1670	1457	1147	1425	18.47	cps
Molybdenum	95-1	2200	1820	1457	1826	20.36	cps
Molybdenum	96-1	2310	2010	1423	1915	23.56	cps
Molybdenum	97-1	1337	1150	803	1097	24.68	cps
Molybdenum	98-1	3470	2834	1947	2750	27.82	cps
Neodymium	150-1	10	17	7	11	45.82	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	133	97	110	113	16.38	cps
Phosphorus	31-2	100	97	120	106	11.95	cps
Potassium	39-2	82837	81926	81882	82215	0.66	cps
Rhodium	103-1	5304538	5574889	5228568	5369331	3.39	cps
Rhodium	103-2	3236403	3257001	3219121	3237509	0.59	cps
Scandium	45-1	3627272	3870372	3597043	3698229	4.05	cps
Scandium	45-2	303101	299388	299337	300609	0.72	cps
Selenium	82-1	370	398	319	362	11.12	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	330	283	313	309	7.66	cps
Silicon	28-1	334915	581964	331614	416164	34.50	cps
Silver	107-1	573	693	407	558	25.81	cps
Silver	109-1	573	487	457	506	11.98	cps
Sodium	23-2	59314	57862	57226	58134	1.84	cps
Strontium	86-1	2317	2280	1523	2040	21.95	cps
Strontium	88-1	18332	14232	10357	14307	27.87	cps
Sulfur	34-1	194488	191501	194578	193522	0.90	cps
Terbium	159-1	6403201	6552722	6211826	6389250	2.67	cps
Terbium	159-2	4315931	4299708	4372375	4329338	0.88	cps
Thallium	203-1	673	737	430	613	26.40	cps
Thallium	205-1	1377	1417	1157	1317	10.63	cps
Tin	118-1	1733	1570	1487	1597	7.86	cps
Titanium	47-1	640	607	520	589	10.52	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:37:27	DataFile Name :	096CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	553	413	290	419	31.45	cps
Vanadium	51-2	70	93	73	79	16.00	cps
Yttrium	89-1	9579544	10166922	9549646	9765371	3.56	cps
Yttrium	89-2	2480838	2511486	2474921	2489082	0.79	cps
Zinc	66-2	900	923	897	907	1.60	cps
Zirconium	90-1	1307	1453	907	1222	23.15	cps
Zirconium	91-1	283	393	213	297	30.59	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-13	Instrumnet Name :	P7
Client Sample ID :	MYDB52	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:41:27	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9836772	9975907	9661140	9824606	1.61	cps
Antimony	121-1	6348	5735	6862	6315	8.94	cps
Arsenic	75-2	52921	52044	51941	52302	1.03	cps
Barium	135-1	806582	720153	839114	788616	7.80	cps
Barium	137-1	1395964	1240699	1430321	1355661	7.45	cps
Beryllium	9-1	2120	1843	2030	1998	7.06	cps
Bismuth	209-1	3291855	3953135	3322053	3522348	10.60	cps
Bismuth	209-2	2923865	2882087	2903565	2903173	0.72	cps
Bromine	81-1	7455	6958	7889	7434	6.26	cps
Bromine	81-2	493	603	643	580	13.39	cps
Cadmium	108-1	220	180	233	211	13.15	cps
Cadmium	106-1	1927	2067	1900	1965	4.56	cps
Cadmium	111-1	3258	3084	3424	3255	5.21	cps
Calcium	43-1	420579	379211	435106	411632	7.05	cps
Calcium	44-1	6583191	5941440	6935277	6486636	7.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210107	209651	209560	209773	0.14	cps
Cobalt	59-2	251736	247768	246897	248800	1.04	cps
Copper	63-2	526842	530034	524082	526986	0.57	cps
Dysprosium	156-1	69414	60242	70767	66808	8.57	cps
Dysprosium	156-2	63657	64226	63911	63931	0.45	cps
Erbium	164-1	57123	50474	58529	55375	7.77	cps
Erbium	164-2	42528	42602	41595	42242	1.33	cps
Gadolinium	160-1	67699	58244	68356	64766	8.74	cps
Gadolinium	160-2	52528	51518	51789	51945	1.01	cps
Holmium	165-1	5855772	6951590	5913514	6240292	9.88	cps
Holmium	165-2	4234178	4182651	4242776	4219868	0.77	cps
Indium	115-1	4996641	6029146	5231725	5419171	9.99	cps
Indium	115-2	1849468	1863707	1888925	1867367	1.07	cps
Iron	56-2	333866568	329904515	329651555	331140880	0.71	cps
Iron	57-2	8100155	8295433	8216448	8204012	1.20	cps
Iron	54-2	18618186	18108292	17865584	18197354	2.11	cps
Krypton	83-1	307	683	307	432	50.32	cps

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-13	Instrumnet Name :	P7
Client Sample ID :	MYDB52	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:41:27	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	261559	229866	262034	251153	7.34	cps
Lead	207-1	224527	199009	231392	218309	7.82	cps
Lead	208-1	1020049	902297	1039361	987235	7.51	cps
Lithium	6-1	671454	742453	627614	680507	8.52	cps
Magnesium	24-2	5874849	5838959	5829095	5847634	0.41	cps
Manganese	55-2	5000154	4819615	4926515	4915428	1.85	cps
Molybdenum	94-1	47962	42353	50283	46866	8.70	cps
Molybdenum	95-1	6448	5675	6448	6190	7.22	cps
Molybdenum	96-1	17077	15078	17254	16469	7.34	cps
Molybdenum	97-1	3967	3520	4241	3909	9.30	cps
Molybdenum	98-1	9990	9090	10404	9828	6.84	cps
Neodymium	150-1	125210	112762	130720	122897	7.49	cps
Neodymium	150-2	79623	79596	79124	79448	0.35	cps
Nickel	60-2	74849	76408	75251	75503	1.07	cps
Phosphorus	31-2	27799	27294	27351	27481	1.01	cps
Potassium	39-2	2658005	2622440	2612965	2631137	0.90	cps
Rhodium	103-1	4942198	5774410	4973165	5229925	9.02	cps
Rhodium	103-2	3094464	3105097	3066410	3088657	0.65	cps
Scandium	45-1	3769794	4398518	3935916	4034743	8.07	cps
Scandium	45-2	335563	335853	336181	335866	0.09	cps
Selenium	82-1	554	576	666	599	9.94	cps
Selenium	77-2	253	257	277	262	4.81	cps
Selenium	78-2	643	647	670	653	2.22	cps
Silicon	28-1	23954363	21364730	24718928	23346007	7.53	cps
Silver	107-1	3871	3324	3637	3610	7.60	cps
Silver	109-1	3454	3064	3430	3316	6.60	cps
Sodium	23-2	157592	159584	160706	159294	0.99	cps
Strontium	86-1	225749	203422	230709	219960	6.61	cps
Strontium	88-1	2028677	1768189	2123836	1973568	9.33	cps
Sulfur	34-1	188903	172361	174595	178620	5.02	cps
Terbium	159-1	6022366	7137607	6010649	6390207	10.13	cps
Terbium	159-2	4201842	4221577	4258962	4227460	0.69	cps
Thallium	203-1	1813	1827	1964	1868	4.45	cps
Thallium	205-1	4377	4387	4464	4410	1.08	cps
Tin	118-1	14244	13700	15068	14337	4.80	cps
Titanium	47-1	994893	896240	1024647	971927	6.92	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-13	Instrumnet Name :	P7
Client Sample ID :	MYDB52	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:41:27	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18202	15323	18276	17267	9.75	cps
Vanadium	51-2	607885	602576	602913	604458	0.49	cps
Yttrium	89-1	10264359	11707362	10545780	10839167	7.06	cps
Yttrium	89-2	2759651	2791750	2759065	2770155	0.68	cps
Zinc	66-2	192310	193262	192191	192588	0.30	cps
Zirconium	90-1	121246	108752	124335	118111	6.99	cps
Zirconium	91-1	26654	24521	27316	26164	5.58	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-14	Instrumnet Name :	P7
Client Sample ID :	MYDB53	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:44:39	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5863761	5843021	5757568	5821450	0.97	cps
Antimony	121-1	16216	16543	17094	16617	2.67	cps
Arsenic	75-2	120245	122118	119439	120601	1.14	cps
Barium	135-1	468257	471394	472989	470880	0.51	cps
Barium	137-1	800835	810537	815749	809040	0.94	cps
Beryllium	9-1	1340	1270	1180	1263	6.35	cps
Bismuth	209-1	3406924	3346133	3396248	3383102	0.96	cps
Bismuth	209-2	2996512	3018156	2941755	2985474	1.32	cps
Bromine	81-1	7315	7175	7295	7262	1.04	cps
Bromine	81-2	450	450	440	447	1.29	cps
Cadmium	108-1	513	450	493	486	6.67	cps
Cadmium	106-1	2234	2130	2170	2178	2.39	cps
Cadmium	111-1	6812	6877	6688	6792	1.41	cps
Calcium	43-1	328662	337479	334718	333619	1.35	cps
Calcium	44-1	5247331	5247264	5218100	5237565	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131767	132857	132174	132266	0.42	cps
Cobalt	59-2	177347	176864	175886	176699	0.42	cps
Copper	63-2	679496	678363	677163	678341	0.17	cps
Dysprosium	156-1	42969	43320	44233	43507	1.50	cps
Dysprosium	156-2	38392	38409	38008	38270	0.59	cps
Erbium	164-1	36688	37113	36738	36846	0.63	cps
Erbium	164-2	26879	26135	26118	26377	1.65	cps
Gadolinium	160-1	42083	42287	42735	42368	0.79	cps
Gadolinium	160-2	32428	32057	32070	32185	0.65	cps
Holmium	165-1	5827101	5875617	5861072	5854597	0.43	cps
Holmium	165-2	4224837	4228212	4215344	4222798	0.16	cps
Indium	115-1	5204599	5151291	5095268	5150386	1.06	cps
Indium	115-2	1851290	1860532	1855246	1855690	0.25	cps
Iron	56-2	239565916	238863723	235670836	238033492	0.87	cps
Iron	57-2	5930240	5930884	5842913	5901346	0.86	cps
Iron	54-2	13283124	13066597	13133550	13161091	0.84	cps
Krypton	83-1	287	333	283	301	9.28	cps

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LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-14	Instrumnet Name :	P7
Client Sample ID :	MYDB53	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:44:39	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	818634	826644	823661	822980	0.49	cps
Lead	207-1	752762	767327	757954	759348	0.97	cps
Lead	208-1	3588885	3628038	3606536	3607819	0.54	cps
Lithium	6-1	638517	625624	621630	628590	1.40	cps
Magnesium	24-2	3779248	3692777	3698425	3723483	1.30	cps
Manganese	55-2	3813827	3892930	3845942	3850899	1.03	cps
Molybdenum	94-1	29099	29129	29573	29267	0.91	cps
Molybdenum	95-1	4811	5078	4861	4916	2.88	cps
Molybdenum	96-1	11538	12072	11184	11598	3.85	cps
Molybdenum	97-1	2957	2740	3004	2900	4.85	cps
Molybdenum	98-1	7302	7382	7602	7429	2.09	cps
Neodymium	150-1	77578	79529	79201	78769	1.33	cps
Neodymium	150-2	47854	47904	48734	48164	1.03	cps
Nickel	60-2	50950	50468	51307	50908	0.83	cps
Phosphorus	31-2	23465	23912	23879	23752	1.05	cps
Potassium	39-2	2748664	2700736	2740674	2730025	0.94	cps
Rhodium	103-1	4953322	5019993	4978218	4983844	0.68	cps
Rhodium	103-2	3147275	3121606	3165451	3144777	0.70	cps
Scandium	45-1	3705316	3754491	3675410	3711739	1.08	cps
Scandium	45-2	324583	324801	323119	324168	0.28	cps
Selenium	82-1	608	614	641	621	2.85	cps
Selenium	77-2	177	203	180	187	7.79	cps
Selenium	78-2	513	563	577	551	6.06	cps
Silicon	28-1	22614634	22884990	22782227	22760617	0.60	cps
Silver	107-1	9096	9183	9560	9280	2.66	cps
Silver	109-1	8739	8956	8853	8849	1.23	cps
Sodium	23-2	148229	147670	148334	148078	0.24	cps
Strontium	86-1	166742	170224	169833	168933	1.13	cps
Strontium	88-1	1492173	1500661	1505089	1499308	0.44	cps
Sulfur	34-1	288679	285789	285924	286797	0.57	cps
Terbium	159-1	6052372	6040918	5970879	6021389	0.73	cps
Terbium	159-2	4212470	4198087	4255882	4222146	0.71	cps
Thallium	203-1	1643	1787	1670	1700	4.48	cps
Thallium	205-1	4037	4014	4094	4048	1.02	cps
Tin	118-1	17327	17631	17901	17620	1.63	cps
Titanium	47-1	1198189	1217592	1207420	1207734	0.80	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-14	Instrumnet Name :	P7
Client Sample ID :	MYDB53	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:44:39	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12272	12663	12269	12401	1.83	cps
Vanadium	51-2	412456	413189	410182	411942	0.38	cps
Yttrium	89-1	10041445	10016258	9846506	9968070	1.06	cps
Yttrium	89-2	2702562	2644885	2703181	2683543	1.25	cps
Zinc	66-2	463357	464204	458455	462006	0.67	cps
Zirconium	90-1	71486	74569	74850	73635	2.53	cps
Zirconium	91-1	16469	16630	16443	16514	0.61	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-15	Instrumnet Name :	P7
Client Sample ID :	MYDB54	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:47:50	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5757432	5660050	5625950	5681144	1.20	cps
Antimony	121-1	7522	6892	7495	7303	4.88	cps
Arsenic	75-2	44704	43891	44530	44375	0.96	cps
Barium	135-1	419659	394596	432334	415530	4.62	cps
Barium	137-1	734561	685467	768466	729498	5.72	cps
Beryllium	9-1	1080	1073	1160	1104	4.37	cps
Bismuth	209-1	3309524	3740457	3383011	3477664	6.63	cps
Bismuth	209-2	2943379	2956053	2566765	2822066	7.84	cps
Bromine	81-1	6932	6795	6722	6816	1.56	cps
Bromine	81-2	383	397	343	374	7.41	cps
Cadmium	108-1	223	197	193	204	8.04	cps
Cadmium	106-1	1770	1997	1783	1850	6.88	cps
Cadmium	111-1	3010	3167	3027	3068	2.82	cps
Calcium	43-1	250482	238263	262255	250333	4.79	cps
Calcium	44-1	3948753	3751779	4095680	3932071	4.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	136966	134773	135577	135772	0.82	cps
Cobalt	59-2	142445	140441	142831	141905	0.90	cps
Copper	63-2	400954	398394	402043	400464	0.47	cps
Dysprosium	156-1	38145	35840	39549	37845	4.95	cps
Dysprosium	156-2	34806	35057	35625	35163	1.19	cps
Erbium	164-1	33377	30293	33610	32427	5.71	cps
Erbium	164-2	24986	24512	25052	24850	1.19	cps
Gadolinium	160-1	37497	34623	39392	37171	6.46	cps
Gadolinium	160-2	29501	29852	29675	29676	0.59	cps
Holmium	165-1	5760553	6678379	5786745	6075226	8.60	cps
Holmium	165-2	4226286	4285439	3703064	4071596	7.87	cps
Indium	115-1	5145698	5946750	5166630	5419693	8.42	cps
Indium	115-2	1912787	1843905	1626960	1794551	8.31	cps
Iron	56-2	206084764	208668477	209213430	207988890	0.80	cps
Iron	57-2	5118412	5055497	5151135	5108348	0.95	cps
Iron	54-2	11684923	11388269	11550151	11541114	1.29	cps
Krypton	83-1	240	607	307	384	50.81	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-15	Instrumnet Name :	P7
Client Sample ID :	MYDB54	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:47:50	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	242385	227562	249890	239946	4.74	cps
Lead	207-1	224120	207914	233208	221747	5.78	cps
Lead	208-1	976759	911612	1013608	967327	5.34	cps
Lithium	6-1	598447	690875	615590	634971	7.74	cps
Magnesium	24-2	3503880	3466819	3466780	3479160	0.62	cps
Manganese	55-2	3181684	3207809	3247895	3212463	1.04	cps
Molybdenum	94-1	32817	31027	34788	32877	5.72	cps
Molybdenum	95-1	3174	2927	3264	3121	5.59	cps
Molybdenum	96-1	10034	9717	10717	10156	5.04	cps
Molybdenum	97-1	1987	1757	1997	1913	7.10	cps
Molybdenum	98-1	4631	4251	4477	4453	4.29	cps
Neodymium	150-1	67906	62392	70314	66871	6.07	cps
Neodymium	150-2	43393	43193	43507	43364	0.37	cps
Nickel	60-2	47231	47355	47425	47337	0.21	cps
Phosphorus	31-2	17907	17433	17911	17750	1.55	cps
Potassium	39-2	1907140	1934876	1982088	1941368	1.95	cps
Rhodium	103-1	5185214	5937965	5291730	5471636	7.44	cps
Rhodium	103-2	3151275	3161872	2756337	3023161	7.65	cps
Scandium	45-1	3579946	4176144	3752739	3836276	8.00	cps
Scandium	45-2	329153	326296	284112	313187	8.05	cps
Selenium	82-1	456	421	508	462	9.55	cps
Selenium	77-2	153	153	143	150	3.85	cps
Selenium	78-2	490	507	493	497	1.78	cps
Silicon	28-1	22475953	21577323	22798521	22283932	2.84	cps
Silver	107-1	3777	3621	4011	3803	5.16	cps
Silver	109-1	3794	3394	3681	3623	5.69	cps
Sodium	23-2	155927	155762	158049	156580	0.81	cps
Strontium	86-1	143580	137332	151812	144241	5.04	cps
Strontium	88-1	1236305	1148068	1273732	1219368	5.29	cps
Sulfur	34-1	135881	130247	132993	133040	2.12	cps
Terbium	159-1	6202193	7068376	6404816	6558462	6.91	cps
Terbium	159-2	4323705	4299238	3722634	4115192	8.27	cps
Thallium	203-1	1133	1133	1230	1166	4.79	cps
Thallium	205-1	2697	2560	2920	2726	6.67	cps
Tin	118-1	13156	12826	14437	13473	6.32	cps
Titanium	47-1	1161284	1109565	1215207	1162019	4.55	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-15	Instrumnet Name :	P7
Client Sample ID :	MYDB54	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:47:50	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10177	9287	10644	10036	6.87	cps
Vanadium	51-2	382592	382208	380743	381848	0.26	cps
Yttrium	89-1	9961060	11098744	10017823	10359209	6.19	cps
Yttrium	89-2	2652939	2730503	2337462	2573635	8.09	cps
Zinc	66-2	173928	171524	174989	173480	1.02	cps
Zirconium	90-1	87053	82449	88984	86162	3.90	cps
Zirconium	91-1	19783	18469	20224	19492	4.69	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-16	Instrumnet Name :	P7
Client Sample ID :	MYDB55	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:51:01	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5708162	5781209	5813674	5767682	0.94	cps
Antimony	121-1	13466	14107	13913	13829	2.38	cps
Arsenic	75-2	88200	87264	88660	88041	0.81	cps
Barium	135-1	477243	485122	490030	484132	1.33	cps
Barium	137-1	820282	835736	840706	832241	1.28	cps
Beryllium	9-1	1243	1143	1183	1190	4.23	cps
Bismuth	209-1	3428486	3453106	3467321	3449638	0.57	cps
Bismuth	209-2	3016200	2998239	3015014	3009818	0.33	cps
Bromine	81-1	7172	7719	7409	7433	3.69	cps
Bromine	81-2	343	433	363	380	12.44	cps
Cadmium	108-1	323	277	350	317	11.72	cps
Cadmium	106-1	1980	1943	1883	1936	2.52	cps
Cadmium	111-1	4730	4754	4611	4698	1.64	cps
Calcium	43-1	380747	388885	392628	387420	1.57	cps
Calcium	44-1	5945600	6016247	6168361	6043403	1.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139250	140818	140266	140111	0.57	cps
Cobalt	59-2	150099	146477	148389	148322	1.22	cps
Copper	63-2	550218	539018	544595	544611	1.03	cps
Dysprosium	156-1	41515	42514	43754	42594	2.63	cps
Dysprosium	156-2	37503	37717	36467	37229	1.80	cps
Erbium	164-1	36270	37062	36518	36617	1.11	cps
Erbium	164-2	25644	25927	26435	26002	1.54	cps
Gadolinium	160-1	40679	41291	42915	41628	2.78	cps
Gadolinium	160-2	31656	31395	32668	31906	2.11	cps
Holmium	165-1	5904955	5890620	5909987	5901854	0.17	cps
Holmium	165-2	4301413	4274897	4383975	4320095	1.32	cps
Indium	115-1	5146733	5267851	5248973	5221185	1.25	cps
Indium	115-2	1914611	1901674	1906005	1907430	0.35	cps
Iron	56-2	225338170	228159743	234192777	229230230	1.97	cps
Iron	57-2	5708787	5649644	5726038	5694823	0.70	cps
Iron	54-2	12607180	12876481	12492459	12658707	1.56	cps
Krypton	83-1	327	300	307	311	4.46	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-16	Instrumnet Name :	P7
Client Sample ID :	MYDB55	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:51:01	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	660499	672693	673824	669005	1.10	cps
Lead	207-1	610805	616490	623228	616841	1.01	cps
Lead	208-1	2685087	2741238	2742137	2722821	1.20	cps
Lithium	6-1	628341	624338	622753	625144	0.46	cps
Magnesium	24-2	4060238	4064129	4078990	4067786	0.24	cps
Manganese	55-2	3492230	3462251	3513929	3489470	0.74	cps
Molybdenum	94-1	29476	30669	30969	30372	2.60	cps
Molybdenum	95-1	3797	3757	3977	3844	3.05	cps
Molybdenum	96-1	10367	10564	11128	10686	3.69	cps
Molybdenum	97-1	2270	2404	2697	2457	8.89	cps
Molybdenum	98-1	5988	6101	6218	6102	1.89	cps
Neodymium	150-1	73333	75186	76392	74970	2.06	cps
Neodymium	150-2	45781	46209	45487	45825	0.79	cps
Nickel	60-2	52498	53438	53194	53044	0.92	cps
Phosphorus	31-2	31232	30664	31773	31223	1.78	cps
Potassium	39-2	2724450	2720523	2716770	2720581	0.14	cps
Rhodium	103-1	5100068	5127316	5082804	5103396	0.44	cps
Rhodium	103-2	3250895	3275669	3230315	3252293	0.70	cps
Scandium	45-1	3792525	3748871	3855686	3799027	1.41	cps
Scandium	45-2	327500	334134	332036	331223	1.02	cps
Selenium	82-1	555	635	621	603	7.06	cps
Selenium	77-2	167	203	197	189	10.34	cps
Selenium	78-2	543	567	490	533	7.37	cps
Silicon	28-1	23501875	23583310	24023690	23702959	1.18	cps
Silver	107-1	6672	6632	6655	6653	0.30	cps
Silver	109-1	6261	6025	6418	6235	3.18	cps
Sodium	23-2	178304	179312	177494	178370	0.51	cps
Strontium	86-1	173552	173130	176073	174252	0.91	cps
Strontium	88-1	1565694	1607564	1612518	1595258	1.61	cps
Sulfur	34-1	153842	154007	152358	153402	0.59	cps
Terbium	159-1	6118429	6109660	6209216	6145768	0.90	cps
Terbium	159-2	4311744	4342613	4341111	4331823	0.40	cps
Thallium	203-1	1290	1250	1360	1300	4.28	cps
Thallium	205-1	3180	3254	3274	3236	1.52	cps
Tin	118-1	18135	18515	19043	18564	2.46	cps
Titanium	47-1	1037691	1059620	1060034	1052448	1.21	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-16	Instrumnet Name :	P7
Client Sample ID :	MYDB55	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:51:01	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10791	11568	11565	11308	3.96	cps
Vanadium	51-2	396341	390830	396026	394399	0.78	cps
Yttrium	89-1	10117103	10196412	10159194	10157570	0.39	cps
Yttrium	89-2	2723999	2736877	2734285	2731721	0.25	cps
Zinc	66-2	341460	342103	339194	340919	0.45	cps
Zirconium	90-1	76284	78402	78388	77691	1.57	cps
Zirconium	91-1	16670	17664	17574	17303	3.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-17	Instrumnet Name :	P7
Client Sample ID :	MYDB56	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:54:14	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8053767	8291592	8125316	8156891	1.50	cps
Antimony	121-1	11888	12052	12142	12027	1.07	cps
Arsenic	75-2	76573	77823	76991	77129	0.82	cps
Barium	135-1	591028	599214	600616	596953	0.87	cps
Barium	137-1	1009995	1027844	1034567	1024135	1.24	cps
Beryllium	9-1	1650	1703	1717	1690	2.09	cps
Bismuth	209-1	3422284	3408131	3440973	3423796	0.48	cps
Bismuth	209-2	3011101	3009769	3075410	3032093	1.24	cps
Bromine	81-1	7349	7465	7595	7470	1.65	cps
Bromine	81-2	477	517	450	481	6.97	cps
Cadmium	108-1	280	413	397	363	19.99	cps
Cadmium	106-1	2174	2030	2200	2135	4.28	cps
Cadmium	111-1	4939	4806	4913	4886	1.45	cps
Calcium	43-1	478205	490902	486116	485074	1.32	cps
Calcium	44-1	7566844	7668140	7722618	7652534	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	158396	156133	158450	157660	0.84	cps
Cobalt	59-2	168607	170134	169796	169512	0.47	cps
Copper	63-2	558134	559525	561838	559832	0.33	cps
Dysprosium	156-1	58016	58458	57892	58122	0.51	cps
Dysprosium	156-2	50163	51748	51006	50972	1.56	cps
Erbium	164-1	49795	50340	50113	50083	0.55	cps
Erbium	164-2	35602	35752	35746	35700	0.24	cps
Gadolinium	160-1	57638	58478	58080	58065	0.72	cps
Gadolinium	160-2	44223	43614	43835	43891	0.70	cps
Holmium	165-1	5947580	6015044	5909644	5957423	0.90	cps
Holmium	165-2	4365598	4356467	4351511	4357859	0.16	cps
Indium	115-1	5349758	5318458	5278973	5315730	0.67	cps
Indium	115-2	1918483	1936261	1914493	1923079	0.60	cps
Iron	56-2	275524196	273693856	271278356	273498803	0.78	cps
Iron	57-2	6785326	6758430	6809354	6784370	0.38	cps
Iron	54-2	15227574	15132082	14784039	15047898	1.55	cps
Krypton	83-1	233	313	383	310	24.21	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-17	Instrumnet Name :	P7
Client Sample ID :	MYDB56	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:54:14	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	500659	515760	513540	509986	1.60	cps
Lead	207-1	458890	470528	467460	465626	1.30	cps
Lead	208-1	2038180	2086276	2071583	2065346	1.19	cps
Lithium	6-1	642988	645587	645475	644683	0.23	cps
Magnesium	24-2	4601735	4540275	4606901	4582970	0.81	cps
Manganese	55-2	4494536	4480669	4392233	4455813	1.25	cps
Molybdenum	94-1	56930	57673	58239	57614	1.14	cps
Molybdenum	95-1	4351	4264	4347	4321	1.14	cps
Molybdenum	96-1	16116	16006	16272	16131	0.83	cps
Molybdenum	97-1	2650	2767	2890	2769	4.33	cps
Molybdenum	98-1	6812	6725	6401	6646	3.25	cps
Neodymium	150-1	103244	107231	105857	105444	1.92	cps
Neodymium	150-2	65159	64667	64986	64937	0.38	cps
Nickel	60-2	59531	59059	60742	59778	1.45	cps
Phosphorus	31-2	27251	27772	27107	27377	1.28	cps
Potassium	39-2	2542146	2578359	2567318	2562608	0.72	cps
Rhodium	103-1	5173985	5153265	5090015	5139088	0.85	cps
Rhodium	103-2	3243053	3231315	3201331	3225233	0.67	cps
Scandium	45-1	3811556	3840495	3883616	3845222	0.94	cps
Scandium	45-2	332896	331406	331740	332014	0.24	cps
Selenium	82-1	633	590	455	560	16.64	cps
Selenium	77-2	220	200	253	224	12.01	cps
Selenium	78-2	453	557	550	520	11.12	cps
Silicon	28-1	20542758	20667547	20596101	20602136	0.30	cps
Silver	107-1	5735	6005	5875	5871	2.30	cps
Silver	109-1	5621	5344	5411	5459	2.65	cps
Sodium	23-2	157217	158009	156642	157289	0.44	cps
Strontium	86-1	256924	263184	262981	261030	1.36	cps
Strontium	88-1	2300859	2403908	2355629	2353465	2.19	cps
Sulfur	34-1	188582	189513	193465	190520	1.36	cps
Terbium	159-1	6212314	6276813	6175643	6221590	0.82	cps
Terbium	159-2	4374459	4357747	4290113	4340773	1.03	cps
Thallium	203-1	1580	1773	1653	1669	5.85	cps
Thallium	205-1	3797	4047	3867	3904	3.30	cps
Tin	118-1	16059	16066	16493	16206	1.53	cps
Titanium	47-1	1241907	1252048	1273964	1255973	1.30	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-17	Instrumnet Name :	P7
Client Sample ID :	MYDB56	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:54:14	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13827	14258	13757	13947	1.94	cps
Vanadium	51-2	461347	460543	459079	460323	0.25	cps
Yttrium	89-1	10419586	10565766	10662209	10549187	1.16	cps
Yttrium	89-2	2816594	2753489	2716924	2762336	1.83	cps
Zinc	66-2	323325	321018	323167	322503	0.40	cps
Zirconium	90-1	148203	151796	154056	151352	1.95	cps
Zirconium	91-1	33602	33031	33612	33415	1.00	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-18	Instrumnet Name :	P7
Client Sample ID :	MYDB57	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:57:23	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4377629	4291849	4341704	4337061	0.99	cps
Antimony	121-1	15835	16490	16069	16131	2.05	cps
Arsenic	75-2	64660	63967	62494	63707	1.74	cps
Barium	135-1	299060	305669	312791	305840	2.25	cps
Barium	137-1	528770	519372	518182	522108	1.11	cps
Beryllium	9-1	963	903	1010	959	5.58	cps
Bismuth	209-1	3422034	3478975	3368901	3423303	1.61	cps
Bismuth	209-2	3003359	3043755	3013869	3020328	0.69	cps
Bromine	81-1	6898	7539	7188	7208	4.45	cps
Bromine	81-2	317	350	333	333	5.00	cps
Cadmium	108-1	247	250	310	269	13.26	cps
Cadmium	106-1	2070	1873	1757	1900	8.34	cps
Cadmium	111-1	4017	4273	4023	4104	3.57	cps
Calcium	43-1	260966	272993	263396	265785	2.39	cps
Calcium	44-1	4014186	4245065	4247118	4168789	3.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99703	99640	99784	99709	0.07	cps
Cobalt	59-2	111450	111846	108778	110692	1.51	cps
Copper	63-2	397797	396026	394446	396090	0.42	cps
Dysprosium	156-1	31719	32848	33984	32851	3.45	cps
Dysprosium	156-2	27734	28963	28312	28336	2.17	cps
Erbium	164-1	26829	28826	28669	28108	3.95	cps
Erbium	164-2	20498	19671	20018	20062	2.07	cps
Gadolinium	160-1	31612	31709	32184	31835	0.96	cps
Gadolinium	160-2	24248	23820	23857	23975	0.99	cps
Holmium	165-1	5774888	5850034	6156224	5927049	3.41	cps
Holmium	165-2	4372881	4344477	4301318	4339558	0.83	cps
Indium	115-1	5149359	5126463	5345850	5207224	2.32	cps
Indium	115-2	1853865	1894330	1865711	1871302	1.11	cps
Iron	56-2	168587637	168974664	164654628	167405643	1.43	cps
Iron	57-2	4202329	4175755	4143017	4173700	0.71	cps
Iron	54-2	9262070	9277146	9249778	9262998	0.15	cps
Krypton	83-1	257	317	297	290	10.53	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-18	Instrumnet Name :	P7
Client Sample ID :	MYDB57	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:57:23	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	494685	509011	522396	508697	2.72	cps
Lead	207-1	482351	462286	465366	470001	2.30	cps
Lead	208-1	2044772	2090453	2059304	2064843	1.13	cps
Lithium	6-1	634810	690234	682477	669173	4.48	cps
Magnesium	24-2	2807932	2749204	2803065	2786734	1.17	cps
Manganese	55-2	3290240	3357457	3215950	3287882	2.15	cps
Molybdenum	94-1	24911	25893	25118	25307	2.04	cps
Molybdenum	95-1	3510	3337	3574	3474	3.53	cps
Molybdenum	96-1	8966	8956	9130	9017	1.08	cps
Molybdenum	97-1	2070	2060	2257	2129	5.20	cps
Molybdenum	98-1	5248	5304	5628	5393	3.80	cps
Neodymium	150-1	57620	60288	58136	58681	2.41	cps
Neodymium	150-2	35926	35297	35932	35718	1.02	cps
Nickel	60-2	36535	36765	37046	36782	0.70	cps
Phosphorus	31-2	19316	19145	19429	19297	0.74	cps
Potassium	39-2	2421578	2442606	2434737	2432974	0.44	cps
Rhodium	103-1	5275869	5089068	5020607	5128514	2.58	cps
Rhodium	103-2	3207331	3252299	3210893	3223508	0.78	cps
Scandium	45-1	3634909	3718293	3852126	3735109	2.93	cps
Scandium	45-2	323074	322637	317857	321189	0.90	cps
Selenium	82-1	514	432	521	489	10.15	cps
Selenium	77-2	150	170	133	151	12.15	cps
Selenium	78-2	553	470	457	493	10.62	cps
Silicon	28-1	19749078	20010785	20893696	20217853	2.97	cps
Silver	107-1	5464	5795	5811	5690	3.44	cps
Silver	109-1	5221	5604	5364	5397	3.59	cps
Sodium	23-2	122090	123689	123222	123000	0.67	cps
Strontium	86-1	142419	140110	140627	141052	0.86	cps
Strontium	88-1	1190526	1224070	1203985	1206194	1.40	cps
Sulfur	34-1	170618	165098	161638	165784	2.73	cps
Terbium	159-1	6351226	6003345	5996322	6116964	3.32	cps
Terbium	159-2	4293849	4316926	4268237	4293004	0.57	cps
Thallium	203-1	1373	1320	1307	1333	2.65	cps
Thallium	205-1	3127	3247	3170	3182	1.91	cps
Tin	118-1	17080	16663	16736	16827	1.32	cps
Titanium	47-1	1049297	1037293	1053615	1046735	0.81	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-18	Instrumnet Name :	P7
Client Sample ID :	MYDB57	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 18:57:23	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9283	9343	9514	9380	1.27	cps
Vanadium	51-2	276595	272447	271346	273463	1.01	cps
Yttrium	89-1	9940845	10542389	9865416	10116217	3.67	cps
Yttrium	89-2	2658008	2628828	2613830	2633555	0.85	cps
Zinc	66-2	274432	274802	273477	274237	0.25	cps
Zirconium	90-1	62396	64695	67043	64711	3.59	cps
Zirconium	91-1	14781	14174	14714	14556	2.29	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-19	Instrumnet Name :	P7
Client Sample ID :	MYDB58	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:00:38	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5991784	5897016	5849993	5912931	1.22	cps
Antimony	121-1	19400	18392	19386	19059	3.03	cps
Arsenic	75-2	100098	99363	99645	99702	0.37	cps
Barium	135-1	393219	386840	404012	394691	2.20	cps
Barium	137-1	672888	655187	699866	675980	3.33	cps
Beryllium	9-1	1170	1220	1197	1196	2.09	cps
Bismuth	209-1	3364780	3760999	3421701	3515827	6.09	cps
Bismuth	209-2	3033786	2996200	3015576	3015187	0.62	cps
Bromine	81-1	6792	6972	6575	6779	2.93	cps
Bromine	81-2	303	293	310	302	2.78	cps
Cadmium	108-1	350	300	347	332	8.41	cps
Cadmium	106-1	2127	2137	1833	2032	8.48	cps
Cadmium	111-1	5181	4913	4735	4943	4.55	cps
Calcium	43-1	295208	279402	293190	289267	2.97	cps
Calcium	44-1	4496881	4438067	4578388	4504445	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	143795	140888	143058	142580	1.06	cps
Cobalt	59-2	158498	157892	158336	158242	0.20	cps
Copper	63-2	527398	523590	520565	523851	0.65	cps
Dysprosium	156-1	41809	41060	43601	42156	3.10	cps
Dysprosium	156-2	37667	36892	37136	37231	1.06	cps
Erbium	164-1	36137	35121	37002	36087	2.61	cps
Erbium	164-2	26488	26502	25998	26329	1.09	cps
Gadolinium	160-1	41251	39931	42337	41173	2.93	cps
Gadolinium	160-2	32267	31542	31729	31846	1.18	cps
Holmium	165-1	5796543	6348189	5961572	6035435	4.69	cps
Holmium	165-2	4304082	4242623	4242051	4262919	0.84	cps
Indium	115-1	5088992	5558195	5273595	5306927	4.45	cps
Indium	115-2	1864254	1866401	1861430	1864029	0.13	cps
Iron	56-2	240793223	238281943	242120736	240398634	0.81	cps
Iron	57-2	5985765	5999029	5950006	5978266	0.42	cps
Iron	54-2	13451669	13205569	13156750	13271329	1.19	cps
Krypton	83-1	330	530	330	397	29.11	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-19	Instrumnet Name :	P7
Client Sample ID :	MYDB58	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:00:38	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	636537	619537	654733	636936	2.76	cps
Lead	207-1	586770	563544	595704	582006	2.85	cps
Lead	208-1	2621954	2488978	2648031	2586321	3.30	cps
Lithium	6-1	634352	725331	648232	669305	7.32	cps
Magnesium	24-2	3640530	3496112	3600931	3579191	2.08	cps
Manganese	55-2	3512010	3507150	3516359	3511840	0.13	cps
Molybdenum	94-1	46831	43786	45397	45338	3.36	cps
Molybdenum	95-1	4537	4321	4411	4423	2.46	cps
Molybdenum	96-1	13947	13420	14067	13811	2.49	cps
Molybdenum	97-1	2754	2614	2827	2731	3.97	cps
Molybdenum	98-1	7035	6588	7259	6961	4.90	cps
Neodymium	150-1	78038	74340	76590	76322	2.44	cps
Neodymium	150-2	47480	47523	47021	47341	0.59	cps
Nickel	60-2	47371	46846	47813	47343	1.02	cps
Phosphorus	31-2	22860	22827	22657	22781	0.48	cps
Potassium	39-2	2307596	2268508	2259114	2278406	1.13	cps
Rhodium	103-1	4994360	5310696	5055451	5120169	3.28	cps
Rhodium	103-2	3168837	3139028	3159468	3155778	0.48	cps
Scandium	45-1	3723057	4098100	3749516	3856891	5.43	cps
Scandium	45-2	326702	321651	322167	323507	0.86	cps
Selenium	82-1	539	524	537	533	1.49	cps
Selenium	77-2	167	150	160	159	5.28	cps
Selenium	78-2	537	533	480	517	6.15	cps
Silicon	28-1	18820891	18583115	19234903	18879636	1.75	cps
Silver	107-1	7449	6658	7055	7054	5.60	cps
Silver	109-1	6755	6385	6578	6573	2.82	cps
Sodium	23-2	134464	133725	134286	134159	0.29	cps
Strontium	86-1	162266	155933	166054	161418	3.17	cps
Strontium	88-1	1471834	1388982	1474442	1445086	3.36	cps
Sulfur	34-1	141554	137468	142188	140403	1.82	cps
Terbium	159-1	6003063	6589882	6103464	6232136	5.04	cps
Terbium	159-2	4312044	4249348	4299952	4287114	0.78	cps
Thallium	203-1	1290	1313	1580	1395	11.55	cps
Thallium	205-1	3307	3140	3390	3279	3.88	cps
Tin	118-1	15769	15248	15862	15626	2.12	cps
Titanium	47-1	1238675	1213576	1260697	1237649	1.90	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-19	Instrumnet Name :	P7
Client Sample ID :	MYDB58	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:00:38	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12246	12149	13300	12565	5.08	cps
Vanadium	51-2	429022	432405	428132	429853	0.52	cps
Yttrium	89-1	10176034	11163235	10203079	10514116	5.35	cps
Yttrium	89-2	2763548	2663747	2643875	2690390	2.38	cps
Zinc	66-2	346439	345498	341703	344547	0.73	cps
Zirconium	90-1	116762	114476	119888	117042	2.32	cps
Zirconium	91-1	25883	25199	26838	25973	3.17	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-20	Instrumnet Name :	P7
Client Sample ID :	MYDB59	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:03:48	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6071708	6103438	6091195	6088780	0.26	cps
Antimony	121-1	10064	10084	9727	9958	2.01	cps
Arsenic	75-2	54379	54399	54205	54328	0.20	cps
Barium	135-1	441139	447413	453077	447209	1.34	cps
Barium	137-1	758135	774136	767559	766610	1.05	cps
Beryllium	9-1	1310	1317	1327	1318	0.64	cps
Bismuth	209-1	3321096	3354707	3278702	3318168	1.15	cps
Bismuth	209-2	3006626	2934201	2949477	2963435	1.29	cps
Bromine	81-1	7005	7168	6878	7017	2.07	cps
Bromine	81-2	360	413	360	378	8.15	cps
Cadmium	108-1	293	410	293	332	20.27	cps
Cadmium	106-1	1993	1960	1843	1932	4.08	cps
Cadmium	111-1	4694	4399	4512	4535	3.28	cps
Calcium	43-1	367433	373350	374017	371600	0.98	cps
Calcium	44-1	5771590	5898795	5898228	5856204	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127369	127003	126270	126881	0.44	cps
Cobalt	59-2	170673	170899	171482	171018	0.24	cps
Copper	63-2	526287	524865	527286	526146	0.23	cps
Dysprosium	156-1	47018	47594	47891	47501	0.93	cps
Dysprosium	156-2	41882	41792	42217	41964	0.53	cps
Erbium	164-1	38951	40933	40980	40288	2.87	cps
Erbium	164-2	29144	28058	29037	28746	2.08	cps
Gadolinium	160-1	46283	46092	46731	46369	0.71	cps
Gadolinium	160-2	35856	35271	34753	35293	1.56	cps
Holmium	165-1	5833259	5827140	5791816	5817405	0.38	cps
Holmium	165-2	4243843	4307857	4240031	4263910	0.89	cps
Indium	115-1	5118500	5180331	5105591	5134807	0.78	cps
Indium	115-2	1884862	1862177	1847267	1864769	1.02	cps
Iron	56-2	221295477	217390170	214272123	217652590	1.62	cps
Iron	57-2	5424663	5448661	5410034	5427786	0.36	cps
Iron	54-2	12045304	11775576	12004228	11941703	1.22	cps
Krypton	83-1	330	307	287	308	7.05	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-20	Instrumnet Name :	P7
Client Sample ID :	MYDB59	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:03:48	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	397766	407880	409239	404962	1.55	cps
Lead	207-1	364159	370318	368921	367799	0.88	cps
Lead	208-1	1609013	1648107	1636052	1631057	1.23	cps
Lithium	6-1	614360	627298	621217	620958	1.04	cps
Magnesium	24-2	3921988	3830312	3859825	3870708	1.21	cps
Manganese	55-2	4035086	3954482	3909568	3966378	1.60	cps
Molybdenum	94-1	38531	38126	38434	38364	0.55	cps
Molybdenum	95-1	3771	3764	3747	3761	0.32	cps
Molybdenum	96-1	11605	11998	11748	11784	1.69	cps
Molybdenum	97-1	2207	2187	2297	2230	2.63	cps
Molybdenum	98-1	5731	5788	5768	5762	0.50	cps
Neodymium	150-1	85202	85936	86664	85934	0.85	cps
Neodymium	150-2	53273	52815	52450	52846	0.78	cps
Nickel	60-2	51926	50358	50532	50939	1.69	cps
Phosphorus	31-2	19466	19145	19392	19335	0.87	cps
Potassium	39-2	2467022	2404868	2455820	2442570	1.36	cps
Rhodium	103-1	5014782	4980604	4926145	4973844	0.90	cps
Rhodium	103-2	3144450	3147327	3146731	3146169	0.05	cps
Scandium	45-1	3700467	3733147	3735432	3723015	0.53	cps
Scandium	45-2	327654	323243	321121	324006	1.03	cps
Selenium	82-1	469	545	497	504	7.67	cps
Selenium	77-2	210	173	157	180	15.16	cps
Selenium	78-2	510	497	613	540	11.83	cps
Silicon	28-1	24821785	24939012	25442362	25067720	1.32	cps
Silver	107-1	4407	4267	4354	4343	1.63	cps
Silver	109-1	4034	3974	4274	4094	3.88	cps
Sodium	23-2	151154	149131	149888	150058	0.68	cps
Strontium	86-1	209558	213927	212775	212087	1.07	cps
Strontium	88-1	1928528	1919800	1926602	1924976	0.24	cps
Sulfur	34-1	147443	144381	145347	145724	1.07	cps
Terbium	159-1	6027042	6063619	6030590	6040417	0.33	cps
Terbium	159-2	4338407	4201542	4235434	4258461	1.67	cps
Thallium	203-1	1247	1347	1270	1288	4.06	cps
Thallium	205-1	3174	3134	3287	3198	2.49	cps
Tin	118-1	13760	13830	14167	13919	1.56	cps
Titanium	47-1	1030583	1046958	1046639	1041393	0.90	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-20	Instrumnet Name :	P7
Client Sample ID :	MYDB59	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:03:48	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11755	11812	11929	11832	0.75	cps
Vanadium	51-2	336250	334350	337118	335906	0.42	cps
Yttrium	89-1	10301250	10149707	10001847	10150935	1.47	cps
Yttrium	89-2	2720103	2661187	2729101	2703464	1.36	cps
Zinc	66-2	268452	269798	266254	268168	0.67	cps
Zirconium	90-1	96371	100773	99927	99024	2.36	cps
Zirconium	91-1	21930	22541	21830	22100	1.74	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-21	Instrumnet Name :	P7
Client Sample ID :	MYDB60	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:07:01	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3599741	3549967	3691350	3613686	1.98	cps
Antimony	121-1	12903	13753	12973	13209	3.58	cps
Arsenic	75-2	82508	81381	80922	81604	1.00	cps
Barium	135-1	316588	310506	320479	315858	1.59	cps
Barium	137-1	518795	531284	530973	527017	1.35	cps
Beryllium	9-1	860	923	940	908	4.65	cps
Bismuth	209-1	3346424	3435437	3476124	3419328	1.94	cps
Bismuth	209-2	2922171	2936969	3004712	2954617	1.49	cps
Bromine	81-1	6605	7088	6678	6791	3.84	cps
Bromine	81-2	343	367	340	350	4.15	cps
Cadmium	108-1	260	427	313	333	25.53	cps
Cadmium	106-1	1793	1890	1903	1862	3.22	cps
Cadmium	111-1	4797	4642	4987	4809	3.60	cps
Calcium	43-1	246330	260060	258653	255014	2.96	cps
Calcium	44-1	4015631	3966840	4184333	4055601	2.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86620	84334	86446	85800	1.48	cps
Cobalt	59-2	131611	132493	131689	131931	0.37	cps
Copper	63-2	453536	449470	449459	450822	0.52	cps
Dysprosium	156-1	30984	31392	32080	31485	1.76	cps
Dysprosium	156-2	27474	27918	27818	27736	0.84	cps
Erbium	164-1	26458	26341	27357	26719	2.08	cps
Erbium	164-2	19701	18863	19120	19228	2.23	cps
Gadolinium	160-1	30099	30964	30633	30566	1.43	cps
Gadolinium	160-2	24044	22892	23393	23443	2.46	cps
Holmium	165-1	5982522	5742538	5849958	5858339	2.05	cps
Holmium	165-2	4233149	4242776	4329817	4268581	1.25	cps
Indium	115-1	5343832	5140741	5154307	5212960	2.18	cps
Indium	115-2	1842799	1846566	1877570	1855645	1.03	cps
Iron	56-2	159525164	158265671	157297981	158362939	0.71	cps
Iron	57-2	3895311	3967182	4000809	3954434	1.36	cps
Iron	54-2	8804204	8743687	8706689	8751527	0.56	cps
Krypton	83-1	290	313	307	303	3.96	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-21	Instrumnet Name :	P7
Client Sample ID :	MYDB60	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:07:01	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	645897	635242	657226	646122	1.70	cps
Lead	207-1	580021	588156	596426	588201	1.39	cps
Lead	208-1	2559099	2658420	2643377	2620298	2.04	cps
Lithium	6-1	639282	622724	651921	637976	2.30	cps
Magnesium	24-2	2637045	2643057	2684569	2654890	0.97	cps
Manganese	55-2	3179858	3165325	3103711	3149631	1.28	cps
Molybdenum	94-1	20354	21893	21135	21128	3.64	cps
Molybdenum	95-1	3207	3340	3130	3226	3.29	cps
Molybdenum	96-1	7822	7689	7632	7714	1.27	cps
Molybdenum	97-1	1847	1923	1913	1895	2.20	cps
Molybdenum	98-1	4738	5315	4828	4960	6.26	cps
Neodymium	150-1	54471	57801	57209	56494	3.14	cps
Neodymium	150-2	34773	34285	34395	34484	0.74	cps
Nickel	60-2	36060	36625	37106	36597	1.43	cps
Phosphorus	31-2	20293	20347	19386	20009	2.70	cps
Potassium	39-2	2058805	2038371	2013860	2037012	1.10	cps
Rhodium	103-1	4984605	5021449	4958041	4988032	0.64	cps
Rhodium	103-2	3144889	3164837	3205682	3171803	0.98	cps
Scandium	45-1	3777333	3580661	3672116	3676704	2.68	cps
Scandium	45-2	313133	313638	317973	314915	0.84	cps
Selenium	82-1	500	498	517	505	2.05	cps
Selenium	77-2	100	147	143	130	20.03	cps
Selenium	78-2	440	430	417	429	2.73	cps
Silicon	28-1	23309441	23477797	23685137	23490792	0.80	cps
Silver	107-1	6165	6088	6305	6186	1.78	cps
Silver	109-1	5745	5711	5708	5721	0.35	cps
Sodium	23-2	119590	119530	120856	119992	0.62	cps
Strontium	86-1	134914	137553	138529	136999	1.37	cps
Strontium	88-1	1172574	1250864	1198706	1207381	3.30	cps
Sulfur	34-1	143203	143590	142369	143054	0.44	cps
Terbium	159-1	5950957	5940329	5929138	5940141	0.18	cps
Terbium	159-2	4184642	4252953	4257441	4231679	0.96	cps
Thallium	203-1	1227	1183	1183	1198	2.09	cps
Thallium	205-1	2770	2844	2774	2796	1.48	cps
Tin	118-1	16009	16266	16373	16216	1.15	cps
Titanium	47-1	753322	748077	757287	752895	0.61	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-21	Instrumnet Name :	P7
Client Sample ID :	MYDB60	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:07:01	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8940	9140	8730	8936	2.30	cps
Vanadium	51-2	256914	255368	253581	255288	0.65	cps
Yttrium	89-1	9749639	9830953	10050607	9877066	1.58	cps
Yttrium	89-2	2608907	2588008	2614466	2603793	0.54	cps
Zinc	66-2	301911	299850	303000	301587	0.53	cps
Zirconium	90-1	53347	52323	55006	53559	2.53	cps
Zirconium	91-1	11605	11752	11798	11718	0.86	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-22	Instrumnet Name :	P7
Client Sample ID :	MYDB62	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:10:13	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6990201	6971912	6994613	6985575	0.17	cps
Antimony	121-1	6291	6351	6635	6426	2.85	cps
Arsenic	75-2	27522	26978	27339	27280	1.02	cps
Barium	135-1	433587	440740	446132	440153	1.43	cps
Barium	137-1	749788	763267	769749	760935	1.34	cps
Beryllium	9-1	1253	1363	1377	1331	5.09	cps
Bismuth	209-1	3431587	3406113	3451337	3429679	0.66	cps
Bismuth	209-2	2969435	3006897	3016408	2997580	0.83	cps
Bromine	81-1	6792	6575	6605	6657	1.76	cps
Bromine	81-2	310	277	317	301	7.12	cps
Cadmium	108-1	133	127	137	132	3.85	cps
Cadmium	106-1	1760	1693	1713	1722	1.99	cps
Cadmium	111-1	1839	1867	1847	1851	0.78	cps
Calcium	43-1	327298	336459	337250	333669	1.66	cps
Calcium	44-1	5228650	5248803	5271902	5249785	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133340	133482	132483	133102	0.41	cps
Cobalt	59-2	158000	155025	157013	156679	0.97	cps
Copper	63-2	313428	309617	307425	310157	0.98	cps
Dysprosium	156-1	43527	44440	45778	44582	2.54	cps
Dysprosium	156-2	39248	39215	39382	39281	0.23	cps
Erbium	164-1	36598	37420	37888	37302	1.75	cps
Erbium	164-2	27394	26949	27313	27219	0.87	cps
Gadolinium	160-1	43597	44113	44076	43929	0.65	cps
Gadolinium	160-2	33711	32648	33784	33381	1.90	cps
Holmium	165-1	5850454	5816121	5929489	5865355	0.99	cps
Holmium	165-2	4238563	4234026	4295008	4255866	0.80	cps
Indium	115-1	5210624	5204810	5277473	5230969	0.77	cps
Indium	115-2	1890600	1893304	1888859	1890921	0.12	cps
Iron	56-2	225552290	223955083	226776497	225427957	0.63	cps
Iron	57-2	5622180	5629955	5645519	5632551	0.21	cps
Iron	54-2	12555182	12372748	12428762	12452231	0.75	cps
Krypton	83-1	277	343	283	301	12.19	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-22	Instrumnet Name :	P7
Client Sample ID :	MYDB62	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:10:13	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	107363	109880	111160	109467	1.76	cps
Lead	207-1	91881	93264	93425	92857	0.91	cps
Lead	208-1	417359	426477	427585	423807	1.32	cps
Lithium	6-1	617413	630147	621300	622954	1.05	cps
Magnesium	24-2	4313536	4288851	4325300	4309229	0.43	cps
Manganese	55-2	2672708	2646706	2674781	2664732	0.59	cps
Molybdenum	94-1	40158	40907	40840	40635	1.02	cps
Molybdenum	95-1	3087	2987	2840	2971	4.18	cps
Molybdenum	96-1	11311	11531	11818	11554	2.20	cps
Molybdenum	97-1	1790	1980	1853	1875	5.16	cps
Molybdenum	98-1	4561	4581	4621	4587	0.67	cps
Neodymium	150-1	80726	83442	84491	82886	2.34	cps
Neodymium	150-2	51654	51109	50992	51252	0.69	cps
Nickel	60-2	45108	45783	45028	45306	0.92	cps
Phosphorus	31-2	17320	16422	17220	16987	2.90	cps
Potassium	39-2	1482544	1498535	1469436	1483505	0.98	cps
Rhodium	103-1	5121859	5090840	5129053	5113917	0.40	cps
Rhodium	103-2	3247106	3273037	3239491	3253211	0.54	cps
Scandium	45-1	3755696	3682207	3790549	3742817	1.48	cps
Scandium	45-2	325677	327069	330908	327885	0.83	cps
Selenium	82-1	499	383	490	457	14.12	cps
Selenium	77-2	253	150	130	178	37.24	cps
Selenium	78-2	610	487	453	517	15.97	cps
Silicon	28-1	21461693	21488091	22011425	21653736	1.43	cps
Silver	107-1	1387	1353	1323	1355	2.34	cps
Silver	109-1	1293	1250	1277	1273	1.72	cps
Sodium	23-2	147297	148750	149023	148357	0.63	cps
Strontium	86-1	193870	200320	200154	198115	1.86	cps
Strontium	88-1	1745335	1805928	1796378	1782547	1.83	cps
Sulfur	34-1	131368	132676	130871	131638	0.71	cps
Terbium	159-1	6098451	6154199	6100741	6117797	0.52	cps
Terbium	159-2	4273664	4311237	4393086	4325995	1.41	cps
Thallium	203-1	823	977	927	909	8.60	cps
Thallium	205-1	2114	2144	2264	2174	3.65	cps
Tin	118-1	16600	17020	17684	17101	3.20	cps
Titanium	47-1	1097263	1130993	1133860	1120705	1.82	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4314-22	Instrumnet Name :	P7
Client Sample ID :	MYDB62	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:10:13	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11038	11272	11218	11176	1.10	cps
Vanadium	51-2	410538	409416	409305	409753	0.17	cps
Yttrium	89-1	10149446	10305635	10176817	10210633	0.82	cps
Yttrium	89-2	2736128	2787724	2724325	2749392	1.23	cps
Zinc	66-2	100157	99009	99787	99651	0.59	cps
Zirconium	90-1	106158	111548	107813	108506	2.54	cps
Zirconium	91-1	23896	24253	24384	24178	1.04	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-01	Instrumnet Name :	P7
Client Sample ID :	MYDB73	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:13:27	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8494827	8531922	8426396	8484381	0.63	cps
Antimony	121-1	10481	10751	10614	10615	1.27	cps
Arsenic	75-2	72425	73022	73591	73013	0.80	cps
Barium	135-1	580540	595858	601973	592790	1.86	cps
Barium	137-1	998808	1021602	1027595	1016002	1.49	cps
Beryllium	9-1	1730	1607	1743	1693	4.45	cps
Bismuth	209-1	3241198	3330981	3327152	3299777	1.54	cps
Bismuth	209-2	2946958	2947208	2967042	2953736	0.39	cps
Bromine	81-1	7475	7799	7459	7578	2.53	cps
Bromine	81-2	560	467	510	512	9.12	cps
Cadmium	108-1	273	320	313	302	8.35	cps
Cadmium	106-1	1887	1807	1910	1868	2.90	cps
Cadmium	111-1	3900	3901	4091	3964	2.78	cps
Calcium	43-1	363332	373528	374747	370536	1.69	cps
Calcium	44-1	5689245	5849329	6027972	5855515	2.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187339	186163	184701	186068	0.71	cps
Cobalt	59-2	202398	203347	204033	203259	0.40	cps
Copper	63-2	593297	593760	592286	593114	0.13	cps
Dysprosium	156-1	58197	59475	61671	59781	2.94	cps
Dysprosium	156-2	51979	52986	53287	52751	1.30	cps
Erbium	164-1	48628	49842	51575	50015	2.96	cps
Erbium	164-2	36534	36551	36949	36678	0.64	cps
Gadolinium	160-1	57638	58207	59556	58467	1.68	cps
Gadolinium	160-2	44196	45373	45290	44953	1.46	cps
Holmium	165-1	5668536	5728412	5786307	5727752	1.03	cps
Holmium	165-2	4302691	4237019	4221177	4253629	1.02	cps
Indium	115-1	5007478	5019498	5069411	5032129	0.65	cps
Indium	115-2	1852666	1833298	1825427	1837130	0.76	cps
Iron	56-2	295350316	293099296	296007116	294818909	0.52	cps
Iron	57-2	7419325	7303262	7246235	7322941	1.20	cps
Iron	54-2	16294127	16059496	16039811	16131145	0.88	cps
Krypton	83-1	383	353	310	349	10.57	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-01	Instrumnet Name :	P7
Client Sample ID :	MYDB73	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:13:27	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	390447	402768	409189	400801	2.38	cps
Lead	207-1	352236	359489	360743	357489	1.28	cps
Lead	208-1	1559782	1605598	1625136	1596839	2.10	cps
Lithium	6-1	605923	621940	639986	622616	2.74	cps
Magnesium	24-2	4887240	4988859	4920710	4932270	1.05	cps
Manganese	55-2	3959140	3898022	3944778	3933980	0.81	cps
Molybdenum	94-1	47400	48457	47885	47914	1.10	cps
Molybdenum	95-1	4031	3891	4181	4034	3.60	cps
Molybdenum	96-1	13987	14050	14971	14336	3.84	cps
Molybdenum	97-1	2557	2350	2430	2446	4.26	cps
Molybdenum	98-1	6035	6108	6201	6115	1.37	cps
Neodymium	150-1	107251	109360	110422	109011	1.48	cps
Neodymium	150-2	67889	67015	66543	67149	1.02	cps
Nickel	60-2	61850	62499	61730	62026	0.67	cps
Phosphorus	31-2	22884	22560	22400	22615	1.09	cps
Potassium	39-2	2355402	2361705	2359100	2358736	0.13	cps
Rhodium	103-1	4805698	4922460	4986149	4904769	1.87	cps
Rhodium	103-2	3131589	3142941	3171697	3148743	0.66	cps
Scandium	45-1	3638273	3693894	3762815	3698327	1.69	cps
Scandium	45-2	324730	324150	321130	323337	0.60	cps
Selenium	82-1	457	542	620	540	15.04	cps
Selenium	77-2	277	280	227	261	11.44	cps
Selenium	78-2	553	530	570	551	3.65	cps
Silicon	28-1	22466992	22943065	22955810	22788623	1.22	cps
Silver	107-1	4831	5098	5244	5058	4.14	cps
Silver	109-1	4734	4644	5034	4804	4.25	cps
Sodium	23-2	133718	133150	134010	133626	0.33	cps
Strontium	86-1	207066	213193	215593	211951	2.07	cps
Strontium	88-1	1850551	1921581	1929419	1900517	2.29	cps
Sulfur	34-1	143654	145990	145458	145034	0.84	cps
Terbium	159-1	5883998	5966974	6024187	5958386	1.18	cps
Terbium	159-2	4251451	4216188	4264013	4243884	0.58	cps
Thallium	203-1	1500	1403	1453	1452	3.33	cps
Thallium	205-1	3497	3467	3697	3554	3.52	cps
Tin	118-1	14164	14721	14454	14446	1.93	cps
Titanium	47-1	900832	928818	940239	923296	2.20	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-01	Instrumnet Name :	P7
Client Sample ID :	MYDB73	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:13:27	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14828	15005	15426	15086	2.03	cps
Vanadium	51-2	491136	495342	491882	492786	0.46	cps
Yttrium	89-1	9895330	10250665	10342934	10162976	2.33	cps
Yttrium	89-2	2704697	2643712	2661090	2669833	1.18	cps
Zinc	66-2	265911	264178	268265	266118	0.77	cps
Zirconium	90-1	123626	127407	126749	125927	1.60	cps
Zirconium	91-1	27276	28424	28952	28217	3.04	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-02	Instrumnet Name :	P7
Client Sample ID :	MYDB74	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:16:38	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5694081	5689587	5619740	5667802	0.74	cps
Antimony	121-1	5748	6185	6258	6064	4.55	cps
Arsenic	75-2	23866	24003	23853	23907	0.35	cps
Barium	135-1	613077	630849	627838	623921	1.52	cps
Barium	137-1	1052415	1075682	1070198	1066098	1.14	cps
Beryllium	9-1	1250	1330	1253	1278	3.54	cps
Bismuth	209-1	3347319	3244799	3355519	3315879	1.86	cps
Bismuth	209-2	2932078	2944274	2959279	2945210	0.46	cps
Bromine	81-1	6915	6742	6742	6799	1.47	cps
Bromine	81-2	277	377	300	318	16.46	cps
Cadmium	108-1	110	130	107	116	10.92	cps
Cadmium	106-1	1700	1733	1607	1680	3.91	cps
Cadmium	111-1	1720	1729	1650	1700	2.54	cps
Calcium	43-1	311052	313443	318283	314259	1.17	cps
Calcium	44-1	4857247	4880913	4978225	4905462	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	154546	157043	153998	155195	1.05	cps
Cobalt	59-2	180100	181471	178600	180057	0.80	cps
Copper	63-2	297348	294192	293428	294989	0.70	cps
Dysprosium	156-1	47356	48714	49126	48399	1.91	cps
Dysprosium	156-2	42644	42869	42999	42837	0.42	cps
Erbium	164-1	41044	41732	42180	41652	1.37	cps
Erbium	164-2	30260	30306	29982	30183	0.58	cps
Gadolinium	160-1	45631	47674	47748	47017	2.56	cps
Gadolinium	160-2	36213	36090	35759	36021	0.65	cps
Holmium	165-1	5700428	5781064	5746961	5742818	0.70	cps
Holmium	165-2	4300784	4264660	4211265	4258903	1.06	cps
Indium	115-1	5025953	5199008	5123066	5116009	1.70	cps
Indium	115-2	1848814	1860978	1853085	1854292	0.33	cps
Iron	56-2	242731650	237055516	237763063	239183410	1.29	cps
Iron	57-2	6167580	5903973	5866666	5979406	2.74	cps
Iron	54-2	13248195	13263804	13053849	13188616	0.89	cps
Krypton	83-1	293	377	347	339	12.45	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-02	Instrumnet Name :	P7
Client Sample ID :	MYDB74	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:16:38	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	147225	151982	152846	150684	2.01	cps
Lead	207-1	124777	126930	129723	127143	1.95	cps
Lead	208-1	571236	582868	588013	580706	1.48	cps
Lithium	6-1	631676	636782	638949	635802	0.59	cps
Magnesium	24-2	3669275	3592980	3637264	3633173	1.05	cps
Manganese	55-2	3433727	3435058	3394787	3421191	0.67	cps
Molybdenum	94-1	39627	40386	40857	40290	1.54	cps
Molybdenum	95-1	4274	4674	4431	4460	4.52	cps
Molybdenum	96-1	13123	13253	12899	13092	1.37	cps
Molybdenum	97-1	2727	3137	2684	2849	8.78	cps
Molybdenum	98-1	6892	7335	7122	7116	3.12	cps
Neodymium	150-1	86101	87455	88432	87329	1.34	cps
Neodymium	150-2	53913	53916	53457	53762	0.49	cps
Nickel	60-2	45515	46027	44994	45512	1.14	cps
Phosphorus	31-2	17887	17417	17957	17754	1.66	cps
Potassium	39-2	1262264	1267012	1245953	1258410	0.88	cps
Rhodium	103-1	4948707	4985201	4971534	4968481	0.37	cps
Rhodium	103-2	3168925	3156345	3133537	3152936	0.57	cps
Scandium	45-1	3660695	3660008	3699430	3673378	0.61	cps
Scandium	45-2	317479	317374	318576	317810	0.21	cps
Selenium	82-1	403	354	389	382	6.58	cps
Selenium	77-2	167	183	150	167	10.00	cps
Selenium	78-2	567	500	577	548	7.61	cps
Silicon	28-1	19106316	19435242	19561750	19367769	1.21	cps
Silver	107-1	1627	1587	1627	1613	1.43	cps
Silver	109-1	1520	1613	1610	1581	3.35	cps
Sodium	23-2	149030	149576	148430	149012	0.38	cps
Strontium	86-1	171544	175337	176078	174320	1.40	cps
Strontium	88-1	1557792	1585383	1615401	1586192	1.82	cps
Sulfur	34-1	134576	134680	135117	134791	0.21	cps
Terbium	159-1	5885895	5916745	6007532	5936724	1.07	cps
Terbium	159-2	4223398	4226027	4237105	4228843	0.17	cps
Thallium	203-1	1020	957	1020	999	3.66	cps
Thallium	205-1	2084	2187	2050	2107	3.38	cps
Tin	118-1	13703	14381	14117	14067	2.43	cps
Titanium	47-1	961425	998764	994315	984835	2.07	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-02	Instrumnet Name :	P7
Client Sample ID :	MYDB74	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:16:38	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12609	12963	12830	12801	1.39	cps
Vanadium	51-2	483057	481175	479945	481392	0.33	cps
Yttrium	89-1	10115978	9982855	10251366	10116733	1.33	cps
Yttrium	89-2	2712229	2666111	2661823	2680054	1.04	cps
Zinc	66-2	88611	88323	86569	87834	1.26	cps
Zirconium	90-1	100864	104220	104345	103143	1.91	cps
Zirconium	91-1	22451	22945	23072	22822	1.44	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-03	Instrumnet Name :	P7
Client Sample ID :	MYDB75	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:19:53	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6070360	6023486	6036124	6043323	0.40	cps
Antimony	121-1	7802	8009	8109	7973	1.96	cps
Arsenic	75-2	50679	50559	50991	50743	0.44	cps
Barium	135-1	458874	474494	479909	471092	2.32	cps
Barium	137-1	822130	814472	826269	820957	0.73	cps
Beryllium	9-1	1267	1400	1483	1383	7.90	cps
Bismuth	209-1	3192540	3305154	3226276	3241323	1.78	cps
Bismuth	209-2	2832534	2904481	2927957	2888324	1.72	cps
Bromine	81-1	7145	7615	7168	7310	3.63	cps
Bromine	81-2	437	323	380	380	14.91	cps
Cadmium	108-1	203	230	207	213	6.81	cps
Cadmium	106-1	1770	1793	1710	1758	2.45	cps
Cadmium	111-1	2924	3068	2916	2969	2.88	cps
Calcium	43-1	268611	287097	282918	279542	3.47	cps
Calcium	44-1	4297908	4374444	4360220	4344191	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	146123	146484	144367	145658	0.78	cps
Cobalt	59-2	172635	171023	171721	171793	0.47	cps
Copper	63-2	492777	484710	482645	486710	1.10	cps
Dysprosium	156-1	47831	49624	50025	49160	2.38	cps
Dysprosium	156-2	43283	44380	44109	43924	1.30	cps
Erbium	164-1	40636	43564	42491	42230	3.51	cps
Erbium	164-2	30667	30694	29855	30405	1.57	cps
Gadolinium	160-1	48002	48303	50270	48858	2.52	cps
Gadolinium	160-2	36852	37547	36755	37051	1.17	cps
Holmium	165-1	5463017	5603950	5713925	5593631	2.25	cps
Holmium	165-2	4187493	4275545	4193784	4218940	1.16	cps
Indium	115-1	4900168	4933774	5103623	4979188	2.19	cps
Indium	115-2	1839827	1844296	1845916	1843347	0.17	cps
Iron	56-2	235900570	231960550	232516937	233459352	0.91	cps
Iron	57-2	5784751	5800499	5792940	5792730	0.14	cps
Iron	54-2	12972094	12857845	12816618	12882186	0.63	cps
Krypton	83-1	350	293	367	337	11.42	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-03	Instrumnet Name :	P7
Client Sample ID :	MYDB75	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:19:53	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	293106	303089	302042	299413	1.83	cps
Lead	207-1	275475	266787	273314	271858	1.66	cps
Lead	208-1	1188642	1223946	1215532	1209373	1.52	cps
Lithium	6-1	594966	640605	625725	620432	3.75	cps
Magnesium	24-2	3686752	3788175	3799445	3758124	1.65	cps
Manganese	55-2	3187890	3162214	3138983	3163029	0.77	cps
Molybdenum	94-1	35533	38491	37351	37125	4.02	cps
Molybdenum	95-1	3310	3594	3664	3523	5.31	cps
Molybdenum	96-1	11455	11645	11375	11491	1.21	cps
Molybdenum	97-1	2100	2334	2207	2214	5.28	cps
Molybdenum	98-1	5298	5361	5328	5329	0.59	cps
Neodymium	150-1	87952	92917	91008	90625	2.76	cps
Neodymium	150-2	55254	56794	56272	56107	1.40	cps
Nickel	60-2	48803	48063	47843	48236	1.04	cps
Phosphorus	31-2	18702	18538	18268	18502	1.18	cps
Potassium	39-2	1668945	1620193	1679702	1656280	1.91	cps
Rhodium	103-1	4944146	4796013	4928689	4889616	1.67	cps
Rhodium	103-2	3107465	3130519	3137537	3125174	0.50	cps
Scandium	45-1	3491392	3572561	3711272	3591741	3.10	cps
Scandium	45-2	314060	313777	314903	314246	0.19	cps
Selenium	82-1	444	501	453	466	6.53	cps
Selenium	77-2	193	260	233	229	14.66	cps
Selenium	78-2	613	497	493	534	12.79	cps
Silicon	28-1	18288757	18893990	18877218	18686655	1.84	cps
Silver	107-1	5905	6368	6175	6149	3.79	cps
Silver	109-1	5935	5775	6321	6010	4.68	cps
Sodium	23-2	125802	125914	124052	125256	0.83	cps
Strontium	86-1	160222	156011	156991	157741	1.40	cps
Strontium	88-1	1336244	1421155	1487890	1415096	5.37	cps
Sulfur	34-1	135404	134492	134401	134766	0.41	cps
Terbium	159-1	6031773	5761028	5902756	5898519	2.30	cps
Terbium	159-2	4153078	4178089	4155313	4162160	0.33	cps
Thallium	203-1	1273	1160	1173	1202	5.15	cps
Thallium	205-1	2717	2810	2894	2807	3.15	cps
Tin	118-1	14858	14611	15168	14879	1.88	cps
Titanium	47-1	904680	929059	943067	925602	2.10	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-03	Instrumnet Name :	P7
Client Sample ID :	MYDB75	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:19:53	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13023	12649	13367	13013	2.76	cps
Vanadium	51-2	469010	463611	457221	463281	1.27	cps
Yttrium	89-1	9525095	9987078	10022241	9844805	2.82	cps
Yttrium	89-2	2635854	2660177	2687792	2661274	0.98	cps
Zinc	66-2	173060	173155	173432	173216	0.11	cps
Zirconium	90-1	90460	96031	96065	94186	3.43	cps
Zirconium	91-1	21089	20778	20972	20946	0.75	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-04	Instrumnet Name :	P7
Client Sample ID :	MYDB76	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:23:06	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6277285	6367232	6355194	6333237	0.77	cps
Antimony	121-1	9560	9640	10050	9750	2.70	cps
Arsenic	75-2	57427	57143	56939	57170	0.43	cps
Barium	135-1	463307	480768	482037	475371	2.20	cps
Barium	137-1	818806	833248	821634	824562	0.93	cps
Beryllium	9-1	1437	1517	1487	1480	2.73	cps
Bismuth	209-1	3203321	3290065	3374520	3289302	2.60	cps
Bismuth	209-2	2942900	2890329	2930413	2921214	0.94	cps
Bromine	81-1	6615	6758	7175	6849	4.25	cps
Bromine	81-2	323	330	330	328	1.17	cps
Cadmium	108-1	230	240	220	230	4.35	cps
Cadmium	106-1	1920	1810	1783	1838	3.94	cps
Cadmium	111-1	3520	3549	3678	3582	2.35	cps
Calcium	43-1	274949	280424	291695	282356	3.02	cps
Calcium	44-1	4322047	4443983	4527233	4431088	2.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	155833	155533	155415	155594	0.14	cps
Cobalt	59-2	180166	179936	179551	179884	0.17	cps
Copper	63-2	524011	519340	521434	521595	0.45	cps
Dysprosium	156-1	46062	46727	47537	46775	1.58	cps
Dysprosium	156-2	41879	42150	42330	42120	0.54	cps
Erbium	164-1	38643	40214	41832	40230	3.96	cps
Erbium	164-2	29137	28993	29638	29256	1.16	cps
Gadolinium	160-1	47410	47477	47283	47390	0.21	cps
Gadolinium	160-2	35772	36541	35502	35938	1.50	cps
Holmium	165-1	5516279	5653971	5629571	5599940	1.31	cps
Holmium	165-2	4180707	4189647	4231528	4200627	0.65	cps
Indium	115-1	4884760	5027492	4915207	4942486	1.52	cps
Indium	115-2	1808120	1831355	1805305	1814926	0.79	cps
Iron	56-2	254106483	250371070	254829790	253102447	0.95	cps
Iron	57-2	6315952	6287692	6269060	6290901	0.38	cps
Iron	54-2	14013120	14073653	13811441	13966071	0.98	cps
Krypton	83-1	313	350	323	329	5.76	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-04	Instrumnet Name :	P7
Client Sample ID :	MYDB76	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:23:06	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	323102	335028	338763	332298	2.46	cps
Lead	207-1	291143	302319	298986	297483	1.93	cps
Lead	208-1	1319897	1343330	1371377	1344868	1.92	cps
Lithium	6-1	594695	619218	633285	615733	3.17	cps
Magnesium	24-2	3893854	3834228	3836714	3854932	0.87	cps
Manganese	55-2	3152959	3116124	3137575	3135552	0.59	cps
Molybdenum	94-1	41856	42936	43725	42839	2.19	cps
Molybdenum	95-1	3994	4167	4264	4142	3.30	cps
Molybdenum	96-1	13086	13313	13199	13199	0.86	cps
Molybdenum	97-1	2714	2544	2734	2664	3.92	cps
Molybdenum	98-1	6155	6665	6475	6431	4.01	cps
Neodymium	150-1	84790	87211	89887	87296	2.92	cps
Neodymium	150-2	53043	52467	54143	53218	1.60	cps
Nickel	60-2	53539	52472	52585	52865	1.11	cps
Phosphorus	31-2	21075	20814	20677	20855	0.97	cps
Potassium	39-2	1995842	1957524	1958577	1970647	1.11	cps
Rhodium	103-1	4664935	4872036	4816611	4784527	2.24	cps
Rhodium	103-2	3112115	3109325	3134397	3118612	0.44	cps
Scandium	45-1	3599174	3588747	3554693	3580871	0.65	cps
Scandium	45-2	315949	316089	312929	314989	0.57	cps
Selenium	82-1	455	394	442	430	7.37	cps
Selenium	77-2	157	210	207	191	15.63	cps
Selenium	78-2	537	470	403	470	14.18	cps
Silicon	28-1	18719794	19872266	19809272	19467111	3.33	cps
Silver	107-1	4234	4164	4671	4356	6.30	cps
Silver	109-1	4097	4207	3921	4075	3.55	cps
Sodium	23-2	124878	124922	126821	125540	0.88	cps
Strontium	86-1	150216	157241	158134	155197	2.79	cps
Strontium	88-1	1371081	1429752	1384322	1395052	2.21	cps
Sulfur	34-1	136819	135868	134781	135823	0.75	cps
Terbium	159-1	5736956	5968476	5800159	5835197	2.05	cps
Terbium	159-2	4248878	4170334	4162091	4193768	1.14	cps
Thallium	203-1	1403	1183	1357	1315	8.82	cps
Thallium	205-1	3100	3140	3287	3176	3.10	cps
Tin	118-1	13093	14044	13520	13552	3.51	cps
Titanium	47-1	832535	865024	864717	854092	2.19	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-04	Instrumnet Name :	P7
Client Sample ID :	MYDB76	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:23:06	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13547	14114	14328	13996	2.88	cps
Vanadium	51-2	482390	478570	481120	480693	0.40	cps
Yttrium	89-1	9524264	9838534	10228038	9863612	3.57	cps
Yttrium	89-2	2650412	2631501	2628160	2636691	0.46	cps
Zinc	66-2	213337	214557	211894	213263	0.63	cps
Zirconium	90-1	107249	109251	111997	109499	2.18	cps
Zirconium	91-1	24157	24651	24013	24273	1.38	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-05	Instrumnet Name :	P7
Client Sample ID :	MYDB77	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:26:20	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7087025	7072154	7113962	7091047	0.30	cps
Antimony	121-1	4788	4677	4948	4804	2.83	cps
Arsenic	75-2	38921	38657	38921	38833	0.39	cps
Barium	135-1	566165	579502	585298	576988	1.70	cps
Barium	137-1	980380	996162	1008504	995015	1.42	cps
Beryllium	9-1	1327	1330	1433	1363	4.45	cps
Bismuth	209-1	3202613	3247296	3300554	3250154	1.51	cps
Bismuth	209-2	2864210	2900152	2899216	2887859	0.71	cps
Bromine	81-1	6982	7515	7412	7303	3.87	cps
Bromine	81-2	557	433	453	481	13.76	cps
Cadmium	108-1	157	203	170	177	13.61	cps
Cadmium	106-1	1817	1573	1637	1676	7.53	cps
Cadmium	111-1	2409	2236	2447	2364	4.76	cps
Calcium	43-1	328929	333765	336275	332990	1.12	cps
Calcium	44-1	5107064	5223773	5235876	5188905	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	141698	142547	142722	142323	0.38	cps
Cobalt	59-2	149540	149611	151247	150133	0.64	cps
Copper	63-2	326418	326383	324729	325843	0.30	cps
Dysprosium	156-1	51005	51568	51233	51269	0.55	cps
Dysprosium	156-2	45386	45380	45507	45424	0.16	cps
Erbium	164-1	43621	44815	44190	44209	1.35	cps
Erbium	164-2	31863	31920	32444	32076	1.00	cps
Gadolinium	160-1	50190	52290	51364	51281	2.05	cps
Gadolinium	160-2	39496	39552	39409	39486	0.18	cps
Holmium	165-1	5544912	5699951	5622270	5622378	1.38	cps
Holmium	165-2	4088461	4190371	4190791	4156541	1.42	cps
Indium	115-1	4941103	5003877	4980678	4975220	0.64	cps
Indium	115-2	1809072	1838258	1847114	1831481	1.09	cps
Iron	56-2	222275150	220789183	220944383	221336239	0.37	cps
Iron	57-2	5546400	5557732	5467798	5523976	0.89	cps
Iron	54-2	12271764	12439335	12306389	12339163	0.72	cps
Krypton	83-1	333	313	290	312	6.95	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-05	Instrumnet Name :	P7
Client Sample ID :	MYDB77	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:26:20	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	197788	199979	201085	199617	0.84	cps
Lead	207-1	174215	179136	179510	177620	1.66	cps
Lead	208-1	783004	801080	805040	796375	1.48	cps
Lithium	6-1	593454	603671	598745	598623	0.85	cps
Magnesium	24-2	4084690	4110039	4036346	4077025	0.92	cps
Manganese	55-2	3013929	2962623	2942905	2973152	1.23	cps
Molybdenum	94-1	38758	39253	39567	39192	1.04	cps
Molybdenum	95-1	2830	2874	2704	2803	3.15	cps
Molybdenum	96-1	11018	11001	11271	11097	1.36	cps
Molybdenum	97-1	1667	1873	1787	1776	5.85	cps
Molybdenum	98-1	4234	3994	4387	4205	4.72	cps
Neodymium	150-1	91363	94947	94894	93735	2.19	cps
Neodymium	150-2	57999	58404	57888	58097	0.47	cps
Nickel	60-2	50023	49689	49114	49608	0.93	cps
Phosphorus	31-2	16232	15985	15648	15955	1.84	cps
Potassium	39-2	1734378	1714983	1735404	1728255	0.67	cps
Rhodium	103-1	4844560	4870053	4829981	4848198	0.42	cps
Rhodium	103-2	3034250	3106447	3070287	3070328	1.18	cps
Scandium	45-1	3583226	3608927	3599874	3597342	0.36	cps
Scandium	45-2	311570	313340	316366	313759	0.77	cps
Selenium	82-1	483	482	504	489	2.55	cps
Selenium	77-2	187	210	217	204	7.70	cps
Selenium	78-2	600	477	443	507	16.29	cps
Silicon	28-1	22794705	23594174	23038627	23142502	1.77	cps
Silver	107-1	2830	3030	2950	2937	3.43	cps
Silver	109-1	2744	2677	2840	2754	2.98	cps
Sodium	23-2	124926	124303	124563	124597	0.25	cps
Strontium	86-1	172591	175147	178507	175415	1.69	cps
Strontium	88-1	1579695	1598307	1591803	1589935	0.59	cps
Sulfur	34-1	137273	134401	131832	134502	2.02	cps
Terbium	159-1	5832286	5834314	5854537	5840379	0.21	cps
Terbium	159-2	4140253	4145079	4158692	4148008	0.23	cps
Thallium	203-1	1043	1117	1173	1111	5.87	cps
Thallium	205-1	2324	2524	2357	2401	4.46	cps
Tin	118-1	11485	11711	11662	11619	1.03	cps
Titanium	47-1	710689	733378	735781	726616	1.91	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-05	Instrumnet Name :	P7
Client Sample ID :	MYDB77	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:26:20	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12222	12302	12369	12298	0.60	cps
Vanadium	51-2	412433	411145	413375	412317	0.27	cps
Yttrium	89-1	9739907	9880251	10102838	9907665	1.85	cps
Yttrium	89-2	2613765	2596729	2620758	2610417	0.47	cps
Zinc	66-2	140426	139495	141712	140545	0.79	cps
Zirconium	90-1	102458	104656	105472	104196	1.50	cps
Zirconium	91-1	23225	23716	23362	23434	1.08	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-06	Instrumnet Name :	P7
Client Sample ID :	MYDB78	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:29:32	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4878335	4902248	4853578	4878054	0.50	cps
Antimony	121-1	10307	10684	10994	10662	3.23	cps
Arsenic	75-2	26818	26671	26530	26673	0.54	cps
Barium	135-1	436136	442062	443588	440595	0.89	cps
Barium	137-1	743417	758864	762319	754866	1.33	cps
Beryllium	9-1	1393	1200	1217	1270	8.44	cps
Bismuth	209-1	3295081	3362220	3327027	3328109	1.01	cps
Bismuth	209-2	2854636	2870120	2862045	2862267	0.27	cps
Bromine	81-1	6708	6405	6748	6620	2.84	cps
Bromine	81-2	337	333	353	341	3.14	cps
Cadmium	108-1	120	120	110	117	4.95	cps
Cadmium	106-1	1770	1707	1653	1710	3.42	cps
Cadmium	111-1	1708	1711	1784	1734	2.47	cps
Calcium	43-1	305867	309449	316384	310567	1.72	cps
Calcium	44-1	4768540	4809469	4854343	4810784	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	149547	152081	151291	150973	0.86	cps
Cobalt	59-2	260908	259548	263227	261228	0.71	cps
Copper	63-2	316747	314540	316728	316005	0.40	cps
Dysprosium	156-1	42374	42655	43992	43007	2.01	cps
Dysprosium	156-2	37597	38118	38259	37991	0.92	cps
Erbium	164-1	36374	36962	37998	37111	2.22	cps
Erbium	164-2	26836	27003	26949	26929	0.32	cps
Gadolinium	160-1	40271	41872	41612	41252	2.08	cps
Gadolinium	160-2	31743	31906	32244	31964	0.80	cps
Holmium	165-1	5673187	5718995	5699208	5697130	0.40	cps
Holmium	165-2	4150034	4183051	4187779	4173621	0.49	cps
Indium	115-1	5071574	5074685	5108474	5084911	0.40	cps
Indium	115-2	1806427	1819378	1850367	1825391	1.24	cps
Iron	56-2	323256395	318062389	318346549	319888444	0.91	cps
Iron	57-2	7945297	7795146	7938473	7892972	1.07	cps
Iron	54-2	17512064	17518986	17515320	17515457	0.02	cps
Krypton	83-1	317	300	307	308	2.72	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-06	Instrumnet Name :	P7
Client Sample ID :	MYDB78	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:29:32	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	115956	117358	118958	117424	1.28	cps
Lead	207-1	97752	98265	99676	98564	1.01	cps
Lead	208-1	445610	450569	454549	450243	0.99	cps
Lithium	6-1	581220	583430	574366	579672	0.82	cps
Magnesium	24-2	3589337	3593384	3572121	3584947	0.31	cps
Manganese	55-2	3353448	3372624	3330511	3352194	0.63	cps
Molybdenum	94-1	44625	45922	47196	45914	2.80	cps
Molybdenum	95-1	6351	6331	6201	6295	1.29	cps
Molybdenum	96-1	15999	16246	16506	16250	1.56	cps
Molybdenum	97-1	3931	3837	3877	3882	1.21	cps
Molybdenum	98-1	9550	9720	9763	9678	1.17	cps
Neodymium	150-1	73145	75521	74861	74509	1.65	cps
Neodymium	150-2	45259	46132	47413	46268	2.34	cps
Nickel	60-2	53619	53388	53418	53475	0.23	cps
Phosphorus	31-2	21045	20978	21305	21109	0.82	cps
Potassium	39-2	1633103	1641847	1625893	1633614	0.49	cps
Rhodium	103-1	4957849	4942093	5022396	4974113	0.86	cps
Rhodium	103-2	3090938	3140853	3141660	3124484	0.93	cps
Scandium	45-1	3589210	3605340	3647200	3613916	0.83	cps
Scandium	45-2	311734	319600	313883	315072	1.29	cps
Selenium	82-1	461	422	406	430	6.62	cps
Selenium	77-2	230	150	153	178	25.46	cps
Selenium	78-2	513	450	470	478	6.78	cps
Silicon	28-1	18942679	19098436	19312081	19117732	0.97	cps
Silver	107-1	783	833	877	831	5.62	cps
Silver	109-1	713	737	733	728	1.73	cps
Sodium	23-2	157382	159315	159622	158773	0.76	cps
Strontium	86-1	177547	176871	179469	177962	0.76	cps
Strontium	88-1	1595086	1591485	1611254	1599275	0.66	cps
Sulfur	34-1	132112	133036	132951	132700	0.38	cps
Terbium	159-1	5923674	5950450	5988417	5954180	0.55	cps
Terbium	159-2	4117946	4202368	4108896	4143070	1.24	cps
Thallium	203-1	863	980	953	932	6.56	cps
Thallium	205-1	2060	2207	2260	2176	4.76	cps
Tin	118-1	13069	13310	13059	13146	1.08	cps
Titanium	47-1	1695271	1742824	1751306	1729800	1.75	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-06	Instrumnet Name :	P7
Client Sample ID :	MYDB78	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:29:32	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12920	13240	13577	13246	2.48	cps
Vanadium	51-2	713129	711314	715405	713283	0.29	cps
Yttrium	89-1	9775478	9838762	10039195	9884478	1.39	cps
Yttrium	89-2	2596208	2615917	2650510	2620878	1.05	cps
Zinc	66-2	94688	96117	94141	94982	1.07	cps
Zirconium	90-1	115853	118847	119915	118205	1.78	cps
Zirconium	91-1	25569	26010	27015	26198	2.83	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-07	Instrumnet Name :	P7
Client Sample ID :	MYDB79	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:32:45	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6637835	6716752	6761609	6705399	0.93	cps
Antimony	121-1	3737	3617	3607	3654	1.98	cps
Arsenic	75-2	19770	19927	19780	19826	0.44	cps
Barium	135-1	452582	468585	469478	463548	2.05	cps
Barium	137-1	783974	801060	802458	795831	1.29	cps
Beryllium	9-1	1183	1157	1127	1156	2.45	cps
Bismuth	209-1	3258160	3251833	3333687	3281227	1.39	cps
Bismuth	209-2	2855136	2916177	2929122	2900145	1.36	cps
Bromine	81-1	6868	6745	6862	6825	1.02	cps
Bromine	81-2	307	317	277	300	6.94	cps
Cadmium	108-1	123	123	140	129	7.46	cps
Cadmium	106-1	1773	1630	1643	1682	4.71	cps
Cadmium	111-1	1738	1765	1616	1706	4.66	cps
Calcium	43-1	381330	387904	388182	385805	1.01	cps
Calcium	44-1	6023838	6040845	6135293	6066659	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	143600	141689	142190	142493	0.70	cps
Cobalt	59-2	196551	193431	194013	194665	0.85	cps
Copper	63-2	302573	299588	301578	301246	0.50	cps
Dysprosium	156-1	51206	53348	53050	52534	2.21	cps
Dysprosium	156-2	46122	45410	46704	46079	1.41	cps
Erbium	164-1	44397	45835	45357	45196	1.62	cps
Erbium	164-2	33146	32982	32999	33042	0.27	cps
Gadolinium	160-1	51922	52588	53171	52560	1.19	cps
Gadolinium	160-2	39947	39790	40381	40039	0.77	cps
Holmium	165-1	5732835	5805598	5725477	5754637	0.77	cps
Holmium	165-2	4167610	4253832	4187970	4203137	1.07	cps
Indium	115-1	5015603	5160816	5121529	5099316	1.47	cps
Indium	115-2	1854487	1850840	1859276	1854868	0.23	cps
Iron	56-2	236452503	235983216	237916003	236783908	0.43	cps
Iron	57-2	5901106	5807139	5857572	5855272	0.80	cps
Iron	54-2	13014782	12975746	12977465	12989331	0.17	cps
Krypton	83-1	280	347	370	332	14.06	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-07	Instrumnet Name :	P7
Client Sample ID :	MYDB79	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:32:45	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	98275	100807	101076	100053	1.54	cps
Lead	207-1	81955	84403	85208	83856	2.02	cps
Lead	208-1	376306	386860	388578	383915	1.73	cps
Lithium	6-1	588839	598288	597557	594894	0.88	cps
Magnesium	24-2	4604702	4696678	4605522	4635634	1.14	cps
Manganese	55-2	4472048	4504488	4509301	4495279	0.45	cps
Molybdenum	94-1	43571	43939	44334	43948	0.87	cps
Molybdenum	95-1	2980	3187	3190	3119	3.86	cps
Molybdenum	96-1	12072	12409	12459	12313	1.71	cps
Molybdenum	97-1	1990	2030	1970	1997	1.53	cps
Molybdenum	98-1	4794	4881	4838	4838	0.90	cps
Neodymium	150-1	91014	94373	95044	93477	2.31	cps
Neodymium	150-2	57925	57888	58799	58204	0.89	cps
Nickel	60-2	48000	49120	47856	48325	1.43	cps
Phosphorus	31-2	20274	20631	20691	20532	1.10	cps
Potassium	39-2	1290725	1295231	1258033	1281330	1.58	cps
Rhodium	103-1	4877598	4937619	4984429	4933215	1.09	cps
Rhodium	103-2	3119764	3159679	3126817	3135420	0.68	cps
Scandium	45-1	3634657	3727192	3774012	3711954	1.91	cps
Scandium	45-2	321667	322011	319580	321086	0.41	cps
Selenium	82-1	408	387	386	393	3.16	cps
Selenium	77-2	217	200	217	211	4.56	cps
Selenium	78-2	467	570	477	504	11.30	cps
Silicon	28-1	18342485	18994580	18950384	18762483	1.94	cps
Silver	107-1	780	800	833	804	3.35	cps
Silver	109-1	723	717	790	743	5.46	cps
Sodium	23-2	144811	144548	145013	144790	0.16	cps
Strontium	86-1	196073	202117	203768	200653	2.02	cps
Strontium	88-1	1792665	1835245	1838993	1822301	1.41	cps
Sulfur	34-1	136789	136318	135877	136328	0.33	cps
Terbium	159-1	5903996	5962223	5900278	5922166	0.59	cps
Terbium	159-2	4208545	4191458	4171986	4190663	0.44	cps
Thallium	203-1	1033	1053	1133	1073	4.93	cps
Thallium	205-1	2400	2530	2530	2487	3.02	cps
Tin	118-1	12335	12692	13199	12742	3.41	cps
Titanium	47-1	1190935	1243816	1223083	1219278	2.19	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-07	Instrumnet Name :	P7
Client Sample ID :	MYDB79	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:32:45	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10287	10971	10721	10660	3.25	cps
Vanadium	51-2	416873	411976	416564	415137	0.66	cps
Yttrium	89-1	9936444	10170883	10106115	10071147	1.20	cps
Yttrium	89-2	2707485	2720706	2689243	2705811	0.58	cps
Zinc	66-2	94131	95593	94694	94806	0.78	cps
Zirconium	90-1	112246	118641	117022	115970	2.87	cps
Zirconium	91-1	25709	25993	25819	25841	0.55	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-08	Instrumnet Name :	P7
Client Sample ID :	MYDB80	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:35:58	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6320590	6337599	6315293	6324494	0.18	cps
Antimony	121-1	9353	10401	10117	9957	5.44	cps
Arsenic	75-2	72054	70399	71066	71173	1.17	cps
Barium	135-1	430247	435055	445463	436922	1.78	cps
Barium	137-1	736218	756259	757471	749983	1.59	cps
Beryllium	9-1	1270	1190	1383	1281	7.58	cps
Bismuth	209-1	3276933	3360867	3309108	3315636	1.28	cps
Bismuth	209-2	2638449	2935761	2940444	2838218	6.10	cps
Bromine	81-1	7355	7439	7589	7461	1.59	cps
Bromine	81-2	533	440	453	476	10.61	cps
Cadmium	108-1	340	350	340	343	1.68	cps
Cadmium	106-1	1827	1817	1923	1856	3.17	cps
Cadmium	111-1	4334	4204	4389	4309	2.21	cps
Calcium	43-1	331967	339065	340519	337184	1.36	cps
Calcium	44-1	5281979	5348844	5307280	5312701	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137238	134231	135852	135774	1.11	cps
Cobalt	59-2	171372	169706	171893	170990	0.67	cps
Copper	63-2	532858	530617	527905	530460	0.47	cps
Dysprosium	156-1	45029	46373	46079	45827	1.54	cps
Dysprosium	156-2	39753	40388	41284	40475	1.90	cps
Erbium	164-1	38958	40187	40926	40024	2.49	cps
Erbium	164-2	28446	28907	29100	28818	1.17	cps
Gadolinium	160-1	44113	45714	46306	45378	2.50	cps
Gadolinium	160-2	35024	34650	34853	34842	0.54	cps
Holmium	165-1	5609421	5715621	5777786	5700943	1.49	cps
Holmium	165-2	3762102	4155486	4194908	4037499	5.93	cps
Indium	115-1	5070384	5059067	5109980	5079810	0.53	cps
Indium	115-2	1661766	1804633	1864339	1776913	5.86	cps
Iron	56-2	241800470	237558403	238711616	239356830	0.92	cps
Iron	57-2	5987467	5960019	5968529	5972005	0.24	cps
Iron	54-2	13444397	13082465	13263728	13263530	1.36	cps
Krypton	83-1	350	273	287	303	13.50	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-08	Instrumnet Name :	P7
Client Sample ID :	MYDB80	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:35:58	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	465952	476541	482455	474983	1.76	cps
Lead	207-1	428691	443632	440859	437727	1.82	cps
Lead	208-1	1897737	1943830	1954798	1932122	1.57	cps
Lithium	6-1	606409	613789	621037	613745	1.19	cps
Magnesium	24-2	4101112	4116298	4141309	4119573	0.49	cps
Manganese	55-2	3729756	3636909	3643270	3669978	1.41	cps
Molybdenum	94-1	35209	35483	35440	35377	0.42	cps
Molybdenum	95-1	4497	4541	4464	4501	0.85	cps
Molybdenum	96-1	12252	12309	12135	12232	0.72	cps
Molybdenum	97-1	2650	2894	2754	2766	4.42	cps
Molybdenum	98-1	7105	7002	7085	7064	0.78	cps
Neodymium	150-1	79918	81453	81574	80982	1.14	cps
Neodymium	150-2	50600	49487	50289	50125	1.15	cps
Nickel	60-2	49572	48385	48752	48903	1.24	cps
Phosphorus	31-2	23989	24102	23725	23939	0.81	cps
Potassium	39-2	2331377	2338031	2351515	2340308	0.44	cps
Rhodium	103-1	4962901	5042205	5025151	5010086	0.83	cps
Rhodium	103-2	2787848	3054672	3090604	2977708	5.55	cps
Scandium	45-1	3649876	3658621	3673392	3660630	0.32	cps
Scandium	45-2	283338	312070	312189	302532	5.49	cps
Selenium	82-1	438	592	545	525	15.09	cps
Selenium	77-2	167	220	210	199	14.25	cps
Selenium	78-2	503	410	557	490	15.15	cps
Silicon	28-1	20810359	21804127	21823910	21479465	2.70	cps
Silver	107-1	5298	5528	5501	5442	2.31	cps
Silver	109-1	5061	5101	5064	5075	0.44	cps
Sodium	23-2	152581	153255	154093	153310	0.49	cps
Strontium	86-1	178738	183554	182064	181452	1.36	cps
Strontium	88-1	1611654	1647390	1681428	1646824	2.12	cps
Sulfur	34-1	154051	152377	150742	152390	1.09	cps
Terbium	159-1	5907169	6062061	6049574	6006268	1.43	cps
Terbium	159-2	3748697	4192040	4176775	4039170	6.23	cps
Thallium	203-1	1350	1320	1467	1379	5.62	cps
Thallium	205-1	3197	3094	3434	3242	5.38	cps
Tin	118-1	14821	15605	15438	15288	2.70	cps
Titanium	47-1	1327929	1356587	1376583	1353700	1.81	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	P4316-08	Instrumnet Name :	P7
Client Sample ID :	MYDB80	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:35:58	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11292	11755	11565	11537	2.02	cps
Vanadium	51-2	426709	423039	422204	423984	0.57	cps
Yttrium	89-1	10015720	10011841	10025648	10017736	0.07	cps
Yttrium	89-2	2357351	2607619	2610684	2525218	5.76	cps
Zinc	66-2	303150	298136	301897	301061	0.87	cps
Zirconium	90-1	88652	91416	91255	90441	1.72	cps
Zirconium	91-1	19576	20441	20231	20083	2.25	cps

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Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:39:11	DataFile Name :	115CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6619165	6727210	6639129	6661835	0.86	cps
Antimony	121-1	3036298	3057337	3095536	3063057	0.98	cps
Arsenic	75-2	205867	204057	200809	203578	1.26	cps
Barium	135-1	3777143	3821621	3883253	3827339	1.39	cps
Barium	137-1	6456138	6625169	6686819	6589376	1.81	cps
Beryllium	9-1	431229	453905	457480	447538	3.18	cps
Bismuth	209-1	3346944	3434084	3450109	3410379	1.63	cps
Bismuth	209-2	2955234	2946126	2891463	2930941	1.18	cps
Bromine	81-1	6435	6361	5925	6240	4.42	cps
Bromine	81-2	60	60	73	64	11.94	cps
Cadmium	108-1	54676	56108	56409	55731	1.66	cps
Cadmium	106-1	77847	79265	79261	78791	1.04	cps
Cadmium	111-1	741943	760802	760929	754558	1.45	cps
Calcium	43-1	4583872	4677415	4633109	4631465	1.01	cps
Calcium	44-1	73475386	75552742	75735489	74921206	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1373492	1383415	1379300	1378736	0.36	cps
Cobalt	59-2	2247659	2287285	2249634	2261526	0.99	cps
Copper	63-2	15696096	15819057	15861555	15792236	0.54	cps
Dysprosium	156-1	197	193	163	184	9.95	cps
Dysprosium	156-2	197	220	233	217	8.57	cps
Erbium	164-1	143	173	143	153	11.30	cps
Erbium	164-2	127	117	123	122	4.17	cps
Gadolinium	160-1	110	153	153	139	18.02	cps
Gadolinium	160-2	260	280	257	266	4.75	cps
Holmium	165-1	5875826	6055438	6037614	5989626	1.65	cps
Holmium	165-2	4327778	4459770	4388245	4391931	1.50	cps
Indium	115-1	5109932	5139664	5172408	5140668	0.61	cps
Indium	115-2	1816384	1837646	1805724	1819918	0.89	cps
Iron	56-2	299444556	292996842	291100736	294514045	1.49	cps
Iron	57-2	7469820	7352469	7423910	7415400	0.80	cps
Iron	54-2	16198513	16201024	16116652	16172063	0.30	cps
Krypton	83-1	227	287	253	256	11.76	cps

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On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:39:11	DataFile Name :	115CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9376821	9591581	9777222	9581875	2.09	cps
Lead	207-1	8227212	8495774	8479488	8400825	1.79	cps
Lead	208-1	37253918	38631916	38933100	38272978	2.34	cps
Lithium	6-1	707353	740620	749038	732337	3.01	cps
Magnesium	24-2	54223466	53884701	53763178	53957115	0.44	cps
Manganese	55-2	9820079	9711291	9661161	9730844	0.83	cps
Molybdenum	94-1	12227459	12504559	12449499	12393839	1.18	cps
Molybdenum	95-1	17700626	18047340	17997171	17915046	1.05	cps
Molybdenum	96-1	18995003	19491137	19826041	19437393	2.15	cps
Molybdenum	97-1	10821072	11038333	11103571	10987659	1.35	cps
Molybdenum	98-1	28083192	28506810	28478233	28356078	0.83	cps
Neodymium	150-1	197	193	197	196	0.98	cps
Neodymium	150-2	67	67	57	63	9.12	cps
Nickel	60-2	549527	552375	549917	550606	0.28	cps
Phosphorus	31-2	77418	76547	77140	77035	0.58	cps
Potassium	39-2	38088910	37890575	37905152	37961546	0.29	cps
Rhodium	103-1	4903617	5020502	4945444	4956521	1.19	cps
Rhodium	103-2	3025530	3045987	3004476	3025331	0.69	cps
Scandium	45-1	3552479	3563438	3630018	3581978	1.17	cps
Scandium	45-2	299768	299870	295698	298445	0.80	cps
Selenium	82-1	50617	51242	51326	51062	0.76	cps
Selenium	77-2	4858	4988	4807	4884	1.90	cps
Selenium	78-2	16980	16623	16997	16866	1.25	cps
Silicon	28-1	20070046	20447728	20853926	20457234	1.92	cps
Silver	107-1	3868421	3978197	4011730	3952783	1.90	cps
Silver	109-1	3691362	3805734	3760199	3752432	1.53	cps
Sodium	23-2	93865622	93872149	92791735	93509835	0.67	cps
Strontium	86-1	26057010	26758640	26628584	26481412	1.41	cps
Strontium	88-1	229480583	231636990	228049397	229722323	0.79	cps
Sulfur	34-1	430131	442164	438188	436828	1.40	cps
Terbium	159-1	6195434	6322723	6254731	6257629	1.02	cps
Terbium	159-2	4356489	4323479	4368131	4349367	0.53	cps
Thallium	203-1	2383066	2419174	2446102	2416114	1.31	cps
Thallium	205-1	5614180	5682032	5697497	5664569	0.78	cps
Tin	118-1	2405726	2463110	2421166	2430001	1.22	cps
Titanium	47-1	4877320	5020927	4999320	4965856	1.56	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:39:11	DataFile Name :	115CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7025771	7250583	7509442	7261932	3.33	cps
Vanadium	51-2	1254121	1242893	1237203	1244739	0.69	cps
Yttrium	89-1	9725789	9699657	9683437	9702961	0.22	cps
Yttrium	89-2	2475605	2458276	2456956	2463613	0.42	cps
Zinc	66-2	2595860	2613408	2625451	2611573	0.57	cps
Zirconium	90-1	5635377	5754993	5731385	5707251	1.11	cps
Zirconium	91-1	1233682	1239474	1252891	1242016	0.79	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:41:58	DataFile Name :	116CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	693	623	693	670	6.03	cps
Antimony	121-1	2010	2100	2164	2091	3.68	cps
Arsenic	75-2	17	23	27	22	22.91	cps
Barium	135-1	307	187	210	234	27.14	cps
Barium	137-1	483	383	320	396	20.82	cps
Beryllium	9-1	60	63	50	58	12.01	cps
Bismuth	209-1	3651049	3560517	3584326	3598631	1.30	cps
Bismuth	209-2	3074328	3143902	3113579	3110603	1.12	cps
Bromine	81-1	5878	5361	5414	5551	5.12	cps
Bromine	81-2	77	83	83	81	4.74	cps
Cadmium	108-1	20	13	7	13	49.99	cps
Cadmium	106-1	1513	1357	1380	1417	5.97	cps
Cadmium	111-1	1105	1020	1021	1049	4.65	cps
Calcium	43-1	770	643	637	683	11.00	cps
Calcium	44-1	22911	21502	21008	21807	4.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	703	723	610	679	8.91	cps
Cobalt	59-2	150	137	143	143	4.65	cps
Copper	63-2	1493	1370	1410	1425	4.42	cps
Dysprosium	156-1	17	43	23	28	49.95	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	57	23	47	42	40.52	cps
Erbium	164-2	43	13	43	33	51.97	cps
Gadolinium	160-1	43	40	23	36	30.14	cps
Gadolinium	160-2	130	143	133	136	5.12	cps
Holmium	165-1	6107747	6018951	5907757	6011485	1.67	cps
Holmium	165-2	4327187	4294208	4373681	4331692	0.92	cps
Indium	115-1	5343303	5286945	5257828	5296025	0.82	cps
Indium	115-2	1924438	1919634	1872816	1905629	1.50	cps
Iron	56-2	27692	26958	27128	27259	1.41	cps
Iron	57-2	2957	3067	2890	2971	3.00	cps
Iron	54-2	2187	2287	2240	2238	2.24	cps
Krypton	83-1	247	227	217	230	6.64	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:41:58	DataFile Name :	116CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1227	1070	1027	1108	9.50	cps
Lead	207-1	1087	793	787	889	19.27	cps
Lead	208-1	4864	4140	3757	4254	13.21	cps
Lithium	6-1	754375	745203	736818	745466	1.18	cps
Magnesium	24-2	2440	2420	2247	2369	4.49	cps
Manganese	55-2	1317	1160	1100	1192	9.38	cps
Molybdenum	94-1	1213	1137	877	1076	16.41	cps
Molybdenum	95-1	1360	1363	1190	1305	7.60	cps
Molybdenum	96-1	1640	1340	1300	1427	13.03	cps
Molybdenum	97-1	977	850	717	848	15.34	cps
Molybdenum	98-1	2394	2137	1853	2128	12.70	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	183	143	150	159	13.49	cps
Phosphorus	31-2	100	60	110	90	29.40	cps
Potassium	39-2	80401	81124	81104	80876	0.51	cps
Rhodium	103-1	5239270	5116367	5159809	5171816	1.21	cps
Rhodium	103-2	3256966	3236737	3220595	3238099	0.56	cps
Scandium	45-1	3559710	3560705	3531444	3550620	0.47	cps
Scandium	45-2	296798	296771	292428	295333	0.85	cps
Selenium	82-1	308	275	287	290	5.77	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	317	323	267	302	10.25	cps
Silicon	28-1	318162	314498	312407	315022	0.92	cps
Silver	107-1	583	547	447	526	13.46	cps
Silver	109-1	557	443	380	460	19.46	cps
Sodium	23-2	62831	61318	60341	61497	2.04	cps
Strontium	86-1	1870	1523	1413	1602	14.88	cps
Strontium	88-1	13289	9510	7572	10124	28.72	cps
Sulfur	34-1	187097	184573	184735	185468	0.76	cps
Terbium	159-1	6263932	6242451	6116645	6207676	1.28	cps
Terbium	159-2	4341749	4322015	4350162	4337975	0.33	cps
Thallium	203-1	493	460	333	429	19.68	cps
Thallium	205-1	1230	1047	857	1044	17.87	cps
Tin	118-1	1523	1957	1613	1698	13.49	cps
Titanium	47-1	490	390	430	437	11.53	cps

Reviewed By:Mohan
On:10/28/2024 7:23:46 PM
Inst Id :P7

LB Number :	LB133179	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-10-28 19:41:58	DataFile Name :	116CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	380	300	227	302	25.38	cps
Vanadium	51-2	70	37	53	53	31.25	cps
Yttrium	89-1	9699070	9603818	9488954	9597281	1.10	cps
Yttrium	89-2	2479860	2426748	2439285	2448631	1.13	cps
Zinc	66-2	863	1027	963	951	8.66	cps
Zirconium	90-1	913	863	910	896	3.12	cps
Zirconium	91-1	187	167	177	177	5.66	cps

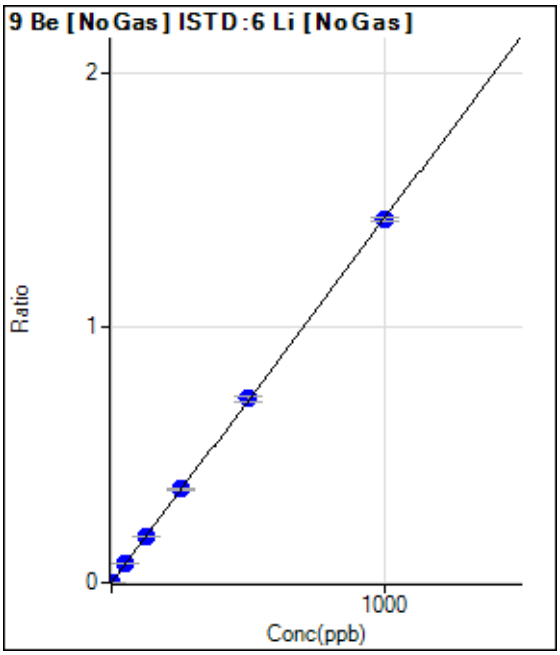
Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102924 MS.b\
Analysis File: P7102924 MS.batch.bin
DA Date-Time: 2024-10-29 19:23:15
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-29 18:13:02
2	006CALS.d	S02	2024-10-29 18:19:37
3	007CALS.d	S03	2024-10-29 18:22:54
4	008CALS.d	S04	2024-10-29 18:26:02
5	009CALS.d	S05	2024-10-29 18:29:01
6	010CALS.d	S06	2024-10-29 18:31:54
7	011CALS.d	S07	2024-10-29 18:34:39
8	012CALS.d	S08	2024-10-29 18:37:25

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0001	P	31.0
2	☐	1.000	0.987	650.02	0.0015	P	6.1
3	☐	50.000	52.334	33089.66	0.0748	P	0.2
4	☐	125.000	127.616	81716.00	0.1822	P	1.7
5	☐	250.000	255.988	165534.70	0.3655	P	1.5
6	☐	500.000	504.297	336224.33	0.7199	P	3.2
7	☐	1000.000	995.910	715232.72	1.4217	P	1.0
8	☐			141.11	0.0003	P	11.1

y = 0.0014 * x + 5.8117E-005

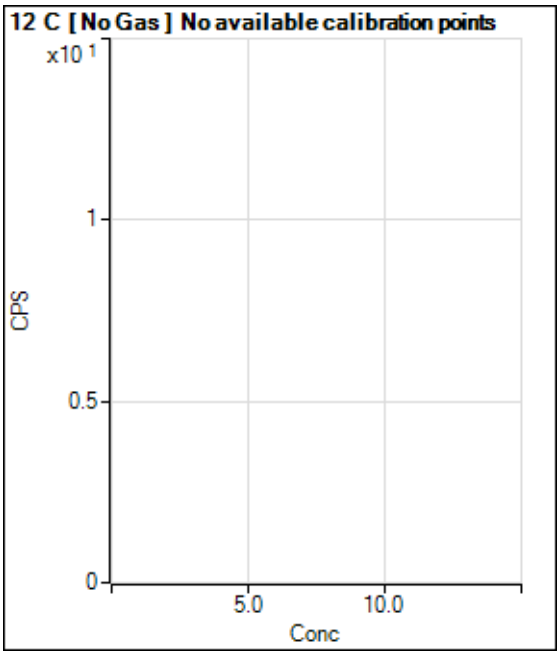
R = 1.0000

DL = 0.03792

BEC = 0.04071

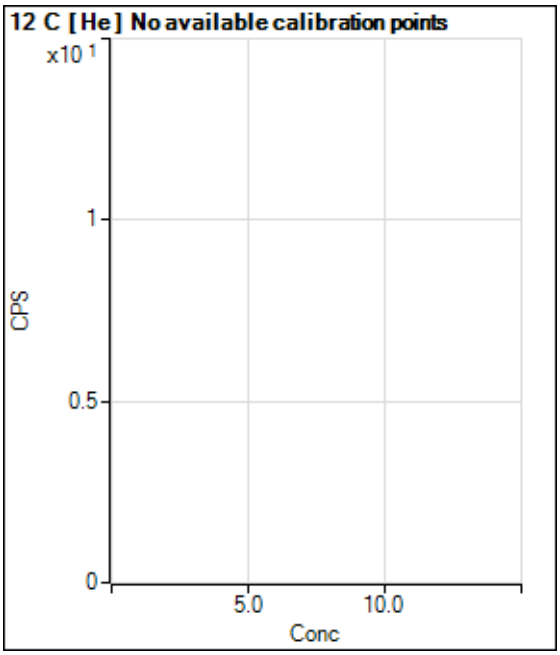
Weight: <None>

Min Conc: 0

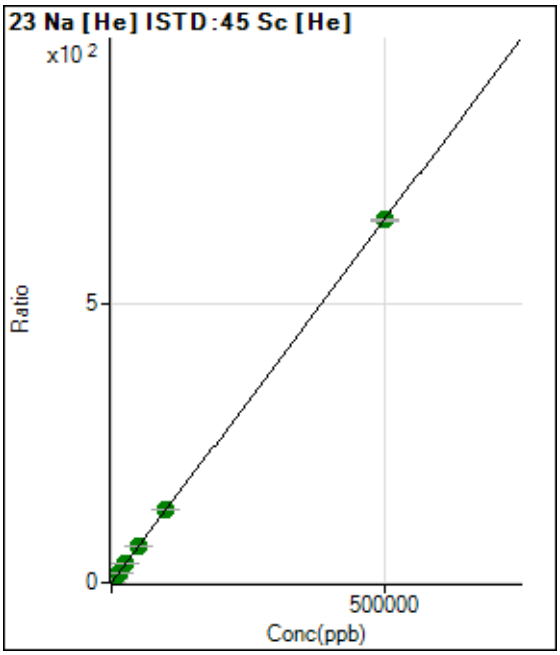


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7



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

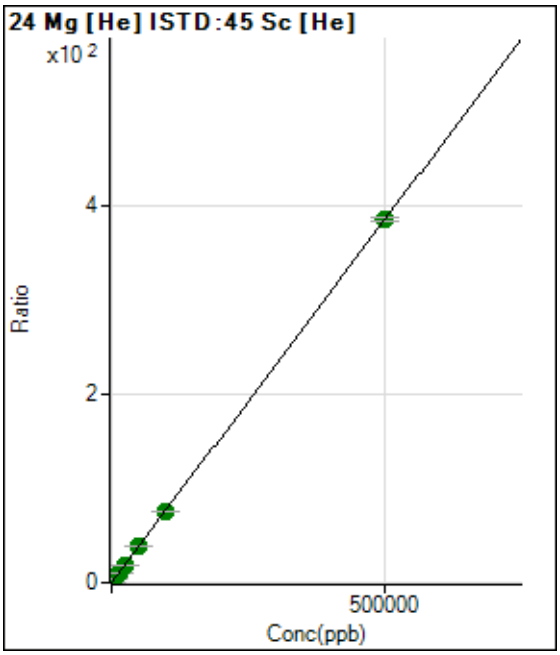


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34491.98	0.1153	P	0.9
2	☐	500.000	503.526	227210.92	0.7697	P	0.5
3	☐	5000.000	5103.943	2031019.52	6.7484	A	0.3
4	☐	12500.000	12601.614	4951513.05	16.4923	A	0.3
5	☐	25000.000	25429.145	10026143.67	33.1628	A	1.2
6	☐	50000.000	50378.388	20091872.62	65.5866	A	0.6
7	☐	100000.00	100451.77	40563303.84	130.6616	A	0.6
8	☐	500000.00	499846.76	207616468.0	649.7119	A	0.3

y = 0.0013 * x + 0.1153
R = 1.0000
DL = 2.322
BEC = 88.74

Weight: <None>
Min Conc: 0

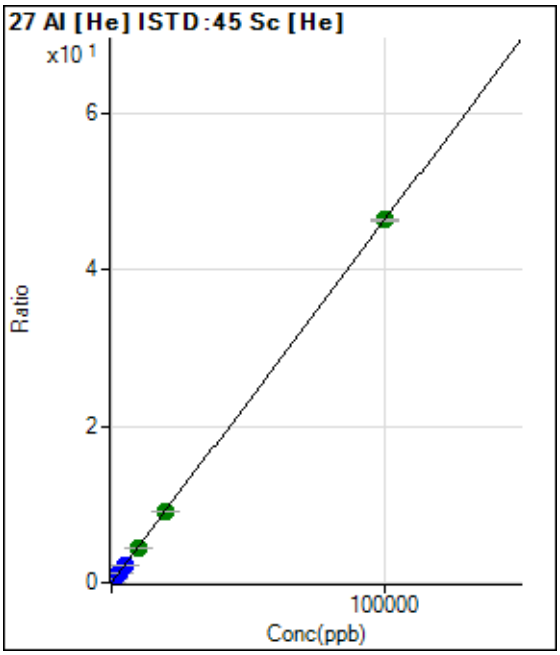
Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	454.45	0.0015	P	6.5
2	☐	500.000	524.437	119416.87	0.4045	P	0.5
3	☐	5000.000	5025.727	1162785.68	3.8637	A	1.9
4	☐	12500.000	12465.396	2876536.62	9.5810	A	0.6
5	☐	25000.000	24862.137	5776930.40	19.1077	A	1.4
6	☐	50000.000	49524.281	11659452.75	38.0601	A	0.1
7	☐	100000.00	98606.746	23525382.15	75.7792	A	1.1
8	☐	500000.00	500333.69	122862345.9	384.4998	A	0.9

y = 7.6848E-004 * x + 0.0015
R = 1.0000
DL = 0.3874
BEC = 1.977

Weight: <None>
Min Conc: 0

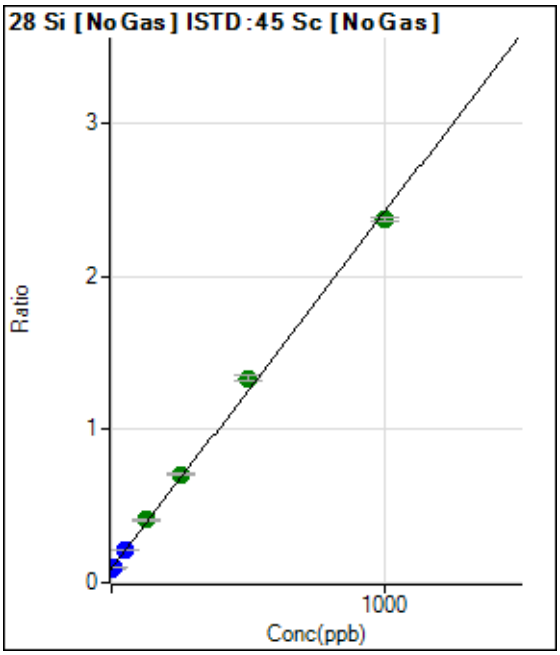


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.78	0.0009	P	6.7
2	☐	20.000	18.415	2794.73	0.0095	P	5.3
3	☐	1000.000	1005.733	140614.37	0.4672	P	0.1
4	☐	2500.000	2485.484	346240.68	1.1533	P	1.1
5	☐	5000.000	4959.141	695392.38	2.3001	P	0.9
6	☐	10000.000	9727.514	1381882.56	4.5109	A	0.5
7	☐	20000.000	19502.918	2807300.75	9.0430	A	0.9
8	☐	100000.00	100129.01	14834418.53	46.4235	A	0.3

y = 4.6363E-004 * x + 9.2862E-004
R = 1.0000
DL = 0.4046
BEC = 2.003

Weight: <None>
Min Conc: 0

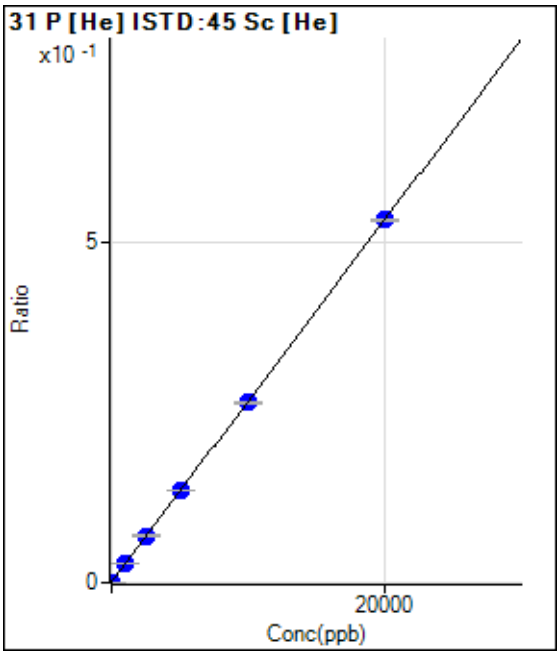
Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286763.61	0.0920	P	2.7
2	☐	10.000	1.823	298799.01	0.0963	P	1.2
3	☐	50.000	53.747	678583.93	0.2170	P	1.2
4	☐	125.000	138.404	1306213.58	0.4139	A	3.1
5	☐	250.000	262.992	2244988.77	0.7037	A	2.0
6	☐	500.000	533.583	4116561.54	1.3331	A	2.7
7	☐	1000.000	978.179	7743438.78	2.3672	A	1.1
8	☐			332612.09	0.1000	P	1.8

y = 0.0023 * x + 0.0920
R = 0.9989
DL = 3.168
BEC = 39.57

Weight: <None>
Min Conc: 0

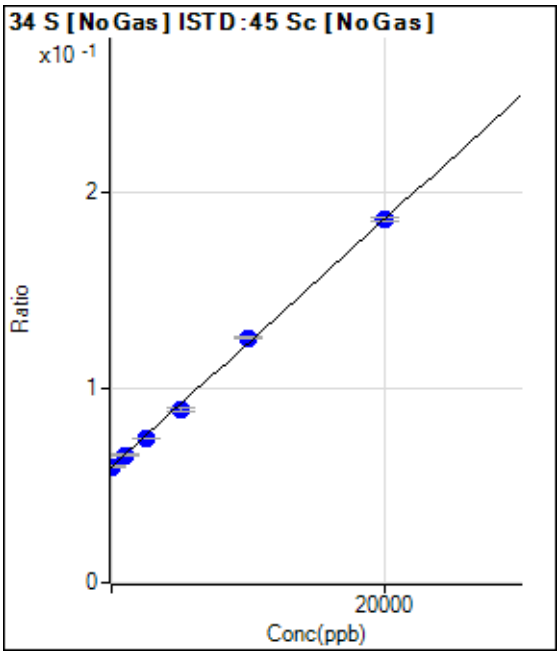


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-12.147	164.45	0.0005	P	6.3
2	☐	0.000	12.147	353.34	0.0012	P	17.7
3	☐	1000.000	991.848	8211.17	0.0273	P	1.2
4	☐	2500.000	2566.457	20778.66	0.0692	P	1.3
5	☐	5000.000	5072.934	41100.62	0.1359	P	0.6
6	☐	10000.000	9912.151	81121.27	0.2648	P	1.3
7	☐	20000.000	20017.791	165735.56	0.5339	P	0.9
8	☐			234.45	0.0007	P	11.5

y = 2.6626E-005 * x + 8.7318E-004
R = 1.0000
DL = 13.86
BEC = 32.79

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	12.578	185959.56	0.0597	P	2.7
2	☐	0.000	-12.578	184736.32	0.0595	P	1.2
3	☐	1000.000	945.092	205111.47	0.0656	P	0.8
4	☐	2500.000	2256.234	233321.42	0.0739	P	0.7
5	☐	5000.000	4599.120	283396.40	0.0888	P	1.6
6	☐	10000.000	10410.001	388415.37	0.1258	P	1.3
7	☐	20000.000	19928.436	609396.78	0.1863	P	1.2
8	☐			192249.53	0.0578	P	1.9

y = 6.3576E-006 * x + 0.0596

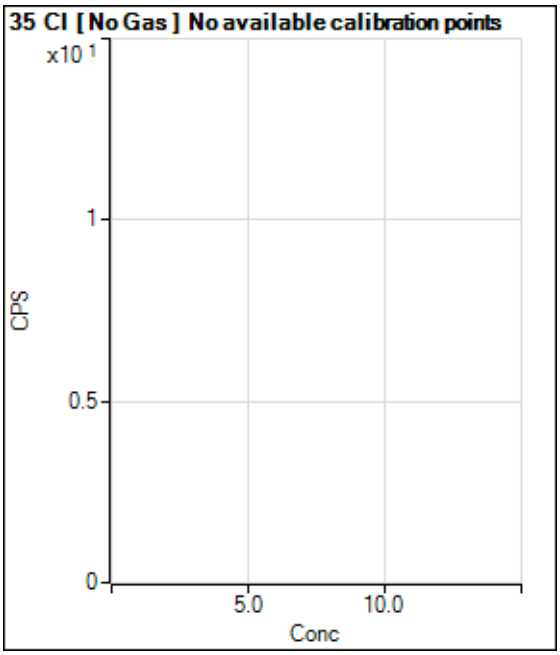
R = 0.9994

DL = 553.2

BEC = 9374

Weight: <None>

Min Conc: 0



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

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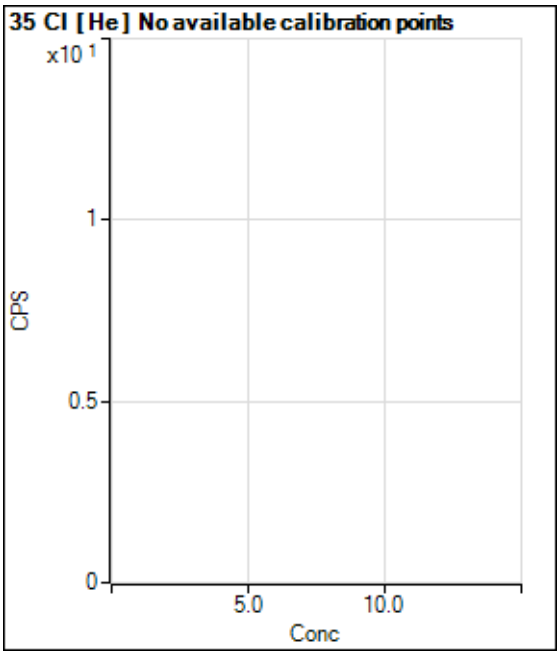
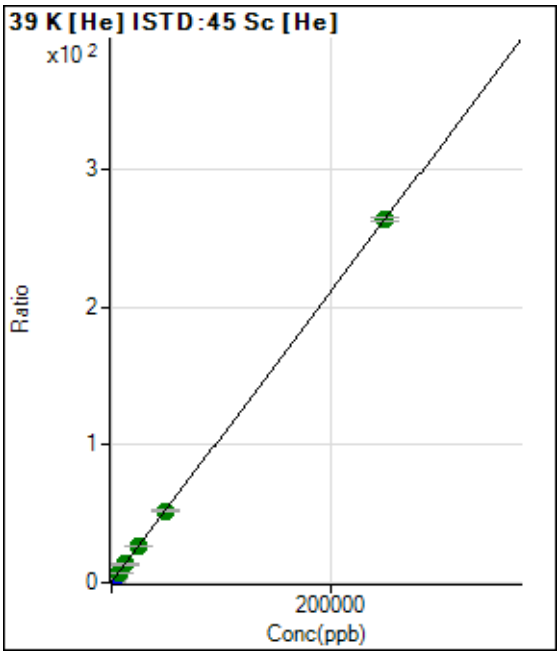


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86003.34	0.2875	P	0.5
2	☐	500.000	499.635	239840.43	0.8125	P	0.4
3	☐	2500.000	2645.887	923193.41	3.0675	P	0.5
4	☐	6250.000	6235.493	2053276.10	6.8389	A	0.9
5	☐	12500.000	12376.142	4018268.31	13.2907	A	1.5
6	☐	25000.000	24613.464	8010338.91	26.1480	A	0.6
7	☐	50000.000	49342.265	16182884.76	52.1296	A	1.0
8	☐	250000.00	250175.29	84082412.64	263.1372	A	0.9

y = 0.0011 * x + 0.2875
R = 1.0000
DL = 3.852
BEC = 273.7

Weight: <None>
Min Conc: 0

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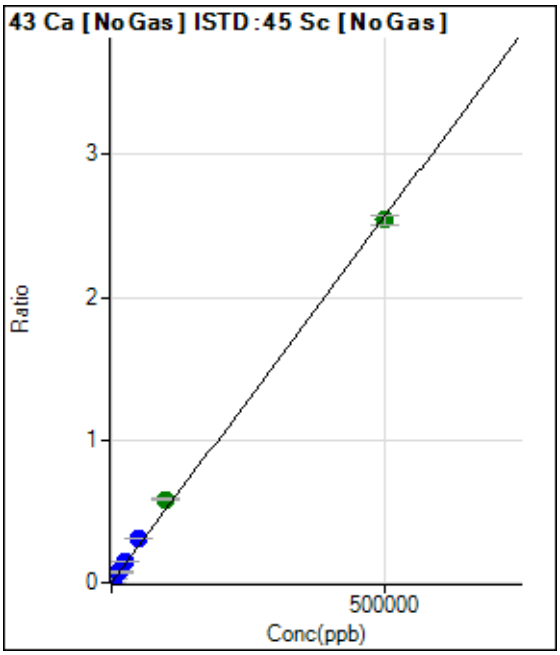
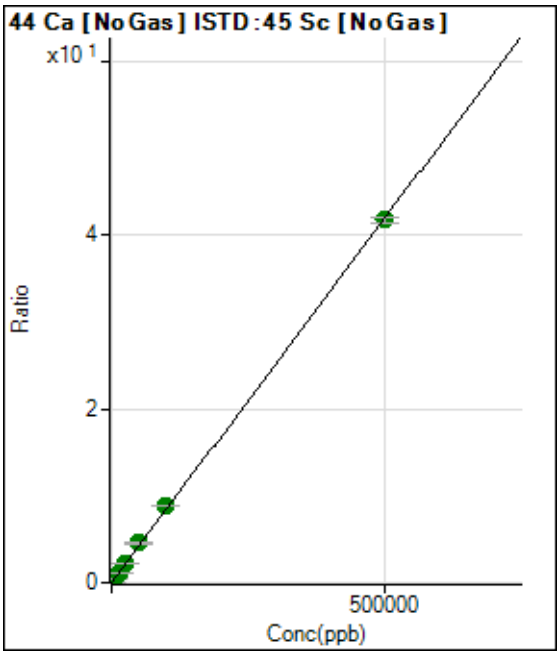


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.01	0.0001	P	16.3
2	☐	500.000	499.599	8224.53	0.0026	P	1.6
3	☐	5000.000	5862.937	94209.48	0.0301	P	1.4
4	☐	12500.000	14520.165	235063.32	0.0745	P	1.9
5	☐	25000.000	28911.659	472922.17	0.1482	P	1.0
6	☐	50000.000	60000.302	949634.85	0.3075	P	2.2
7	☐	100000.00	114230.24	1914957.07	0.5854	A	0.9
8	☐	500000.00	495899.20	8454427.44	2.5411	A	2.6

y = 5.1240E-006 * x + 8.9803E-005
R = 0.9994
DL = 8.584
BEC = 17.53

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15435.94	0.0050	P	4.7
2	☐	500.000	499.045	145019.08	0.0467	P	1.2
3	☐	5000.000	5394.517	1426983.99	0.4564	A	1.0
4	☐	12500.000	13293.194	3526254.32	1.1174	A	1.6
5	☐	25000.000	26458.150	7081199.69	2.2192	A	1.6
6	☐	50000.000	54679.876	14145563.95	4.5811	A	2.9
7	☐	100000.00	106268.72	29108952.06	8.8985	A	0.7
8	☐	500000.00	498181.58	138735350.1	41.6972	A	1.3

y = 8.3689E-005 * x + 0.0050
R = 0.9999
DL = 8.364
BEC = 59.21

Weight: <None>
Min Conc: 0

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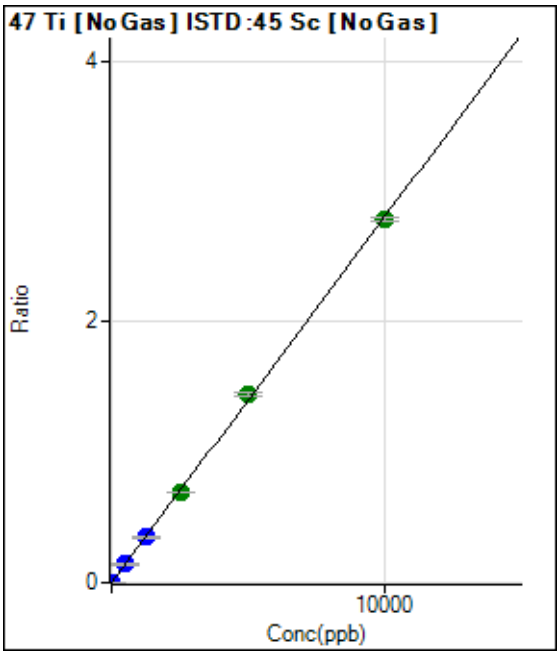
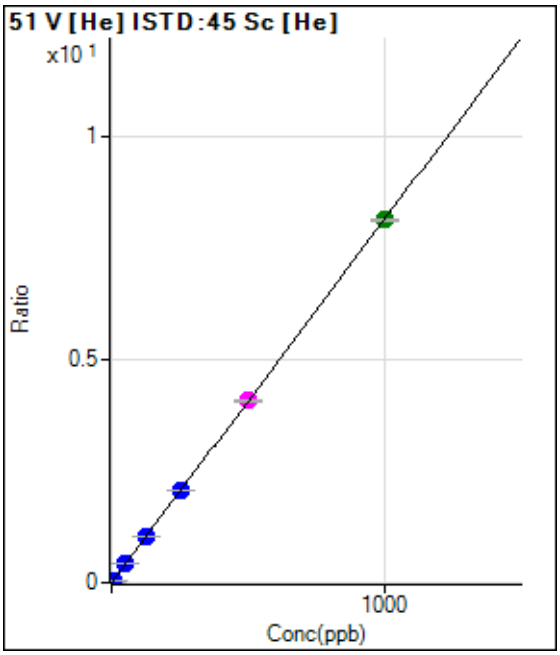


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0000	P	9.2
2	☐	5.000	4.284	3863.86	0.0012	P	1.8
3	☐	500.000	501.824	439603.25	0.1406	P	1.0
4	☐	1250.000	1236.391	1092963.46	0.3464	P	1.2
5	☐	2500.000	2473.513	2210642.47	0.6929	A	1.0
6	☐	5000.000	5163.654	4466244.69	1.4464	A	2.5
7	☐	10000.000	9926.405	9095241.81	2.7804	A	1.0
8	☐			1398.97	0.0004	P	5.3

y = 2.8010E-004 * x + 4.4867E-005
R = 0.9998
DL = 0.04433
BEC = 0.1602

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0001	P	9.5
2	☐	5.000	4.940	11881.44	0.0403	P	0.8
3	☐	50.000	50.644	123993.64	0.4120	P	0.8
4	☐	125.000	127.715	311891.15	1.0388	P	0.7
5	☐	250.000	253.314	622927.74	2.0604	P	0.3
6	☐	500.000	500.451	1246972.03	4.0705	M	1.1
7	☐	1000.000	998.575	2521404.01	8.1220	A	0.8
8	☐			601.13	0.0019	P	11.2

y = 0.0081 * x + 7.0596E-005
R = 1.0000
DL = 0.002475
BEC = 0.00868

Weight: <None>
Min Conc: 0

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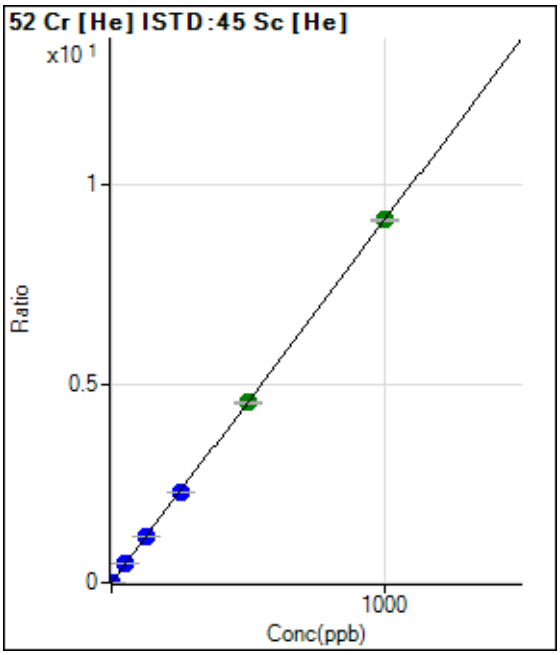
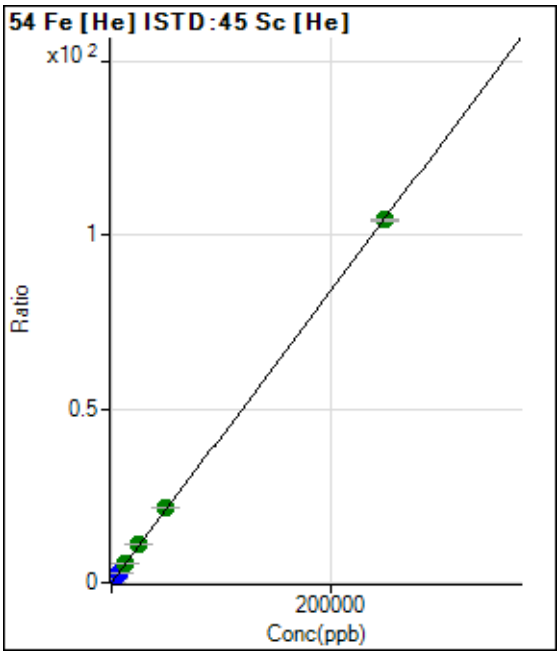


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	750.03	0.0025	P	6.3
2	☐	2.000	1.985	6073.49	0.0206	P	2.6
3	☐	50.000	50.995	140451.60	0.4667	P	1.2
4	☐	125.000	127.339	348750.74	1.1616	P	1.0
5	☐	250.000	251.356	692479.26	2.2905	P	0.2
6	☐	500.000	496.309	1384701.96	4.5201	A	0.6
7	☐	1000.000	1001.165	2829917.32	9.1156	A	0.2
8	☐			9703.20	0.0304	P	1.2

y = 0.0091 * x + 0.0025
R = 1.0000
DL = 0.05169
BEC = 0.2755

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1614.55	0.0054	P	3.3
2	☐	50.000	52.755	8117.81	0.0275	P	1.4
3	☐	2500.000	2747.824	348097.99	1.1566	P	0.6
4	☐	6250.000	6778.153	854199.07	2.8451	P	0.3
5	☐	12500.000	13284.910	1684294.68	5.5712	A	1.2
6	☐	25000.000	26315.299	3379075.99	11.0303	A	0.1
7	☐	50000.000	51810.740	6740317.33	21.7118	A	0.5
8	☐	250000.00	249451.39	33396759.50	104.5145	A	0.8

y = 4.1896E-004 * x + 0.0054
R = 1.0000
DL = 1.258
BEC = 12.89

Weight: <None>
Min Conc: 0

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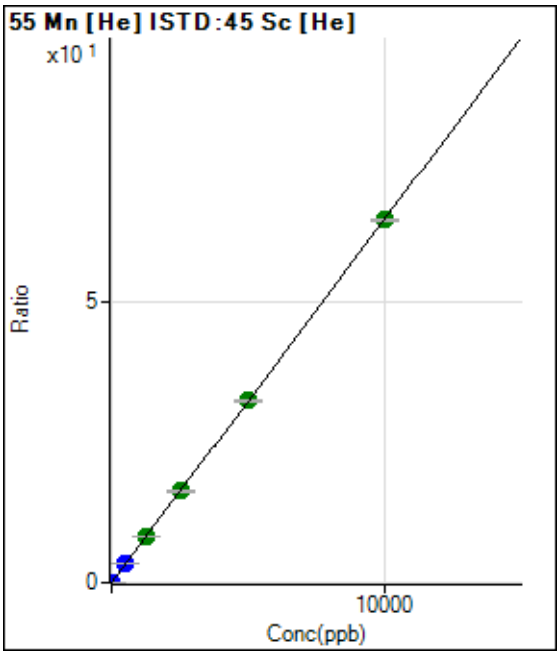
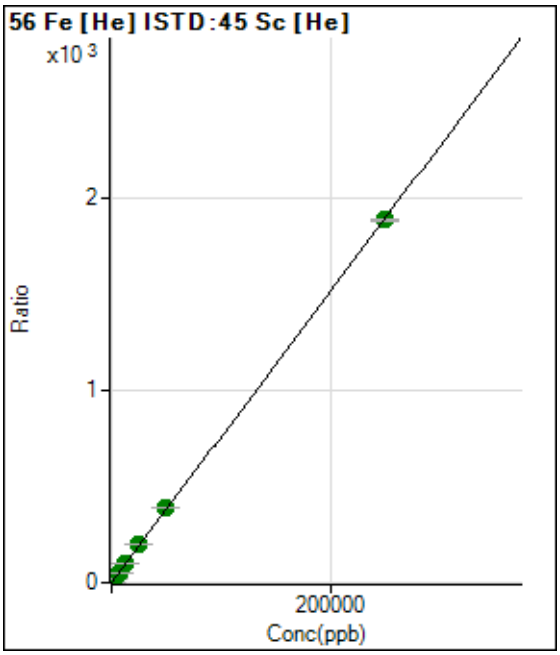


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	492.23	0.0016	P	8.8
2	☐	1.000	0.967	2337.98	0.0079	P	1.4
3	☐	500.000	506.115	988930.84	3.2859	P	0.1
4	☐	1250.000	1283.363	2500732.38	8.3295	A	1.7
5	☐	2500.000	2520.249	4944803.36	16.3558	A	0.6
6	☐	5000.000	5007.178	9954114.92	32.4937	A	0.9
7	☐	10000.000	9986.873	20118995.53	64.8074	A	0.6
8	☐			11090.89	0.0347	P	1.7

y = 0.0065 * x + 0.0016
R = 1.0000
DL = 0.06733
BEC = 0.2537

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12038.24	0.0402	P	1.1
2	☐	50.000	51.804	127463.73	0.4318	P	0.6
3	☐	2500.000	2627.944	5990032.83	19.9030	A	0.7
4	☐	6250.000	6574.925	14931834.92	49.7355	A	1.3
5	☐	12500.000	13036.167	29801055.67	98.5716	A	0.3
6	☐	25000.000	25864.325	59899950.22	195.5307	A	0.4
7	☐	50000.000	51614.944	121119899.3	390.1616	A	1.0
8	☐	250000.00	249554.36	602742484.3	1,886.247	A	0.3

y = 0.0076 * x + 0.0402
R = 1.0000
DL = 0.1813
BEC = 5.325

Weight: <None>
Min Conc: 0

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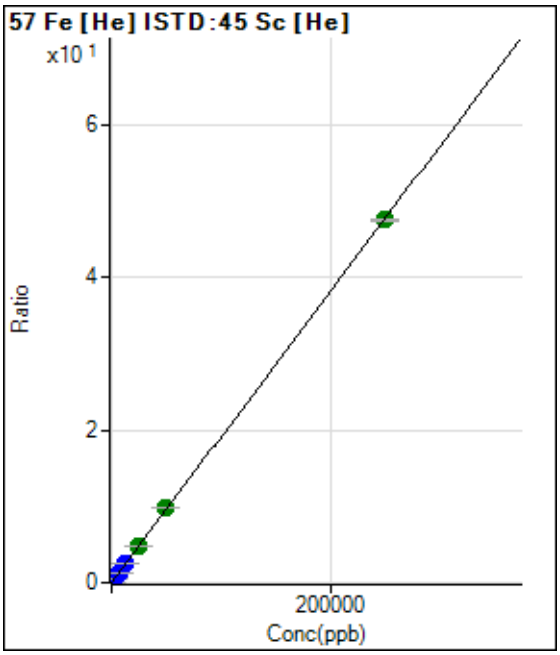
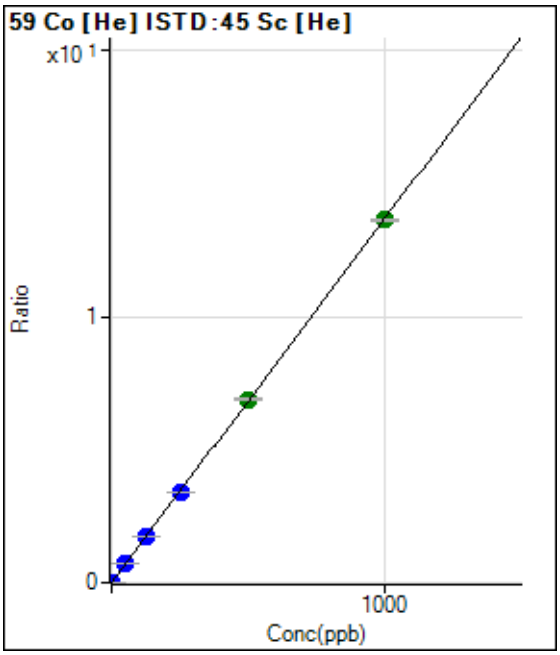


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2859.19	0.0096	P	3.6
2	☐	50.000	55.762	5955.68	0.0202	P	4.3
3	☐	2500.000	2668.412	155788.94	0.5176	P	0.7
4	☐	6250.000	6750.172	388741.17	1.2948	P	0.5
5	☐	12500.000	13216.222	763674.66	2.5260	P	0.5
6	☐	25000.000	25560.070	1493784.98	4.8763	A	1.2
7	☐	50000.000	51493.203	3046661.34	9.8140	A	0.9
8	☐	250000.00	249595.35	15189073.11	47.5333	A	0.4

y = 1.9040E-004 * x + 0.0096
R = 1.0000
DL = 5.348
BEC = 50.21

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	143.34	0.0005	P	17.1
2	☐	1.000	1.003	4183.96	0.0142	P	2.7
3	☐	50.000	50.593	208106.81	0.6915	P	0.3
4	☐	125.000	125.012	512760.79	1.7079	P	0.4
5	☐	250.000	249.803	1031622.63	3.4122	P	0.4
6	☐	500.000	504.196	2109727.66	6.8867	A	0.5
7	☐	1000.000	997.920	4231314.73	13.6299	A	0.7
8	☐			11490.04	0.0360	P	1.1

y = 0.0137 * x + 4.7942E-004
R = 1.0000
DL = 0.01805
BEC = 0.0351

Weight: <None>
Min Conc: 0

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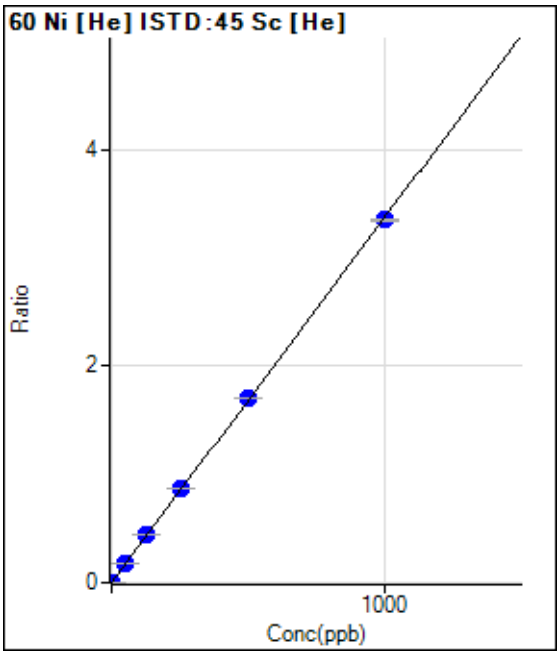
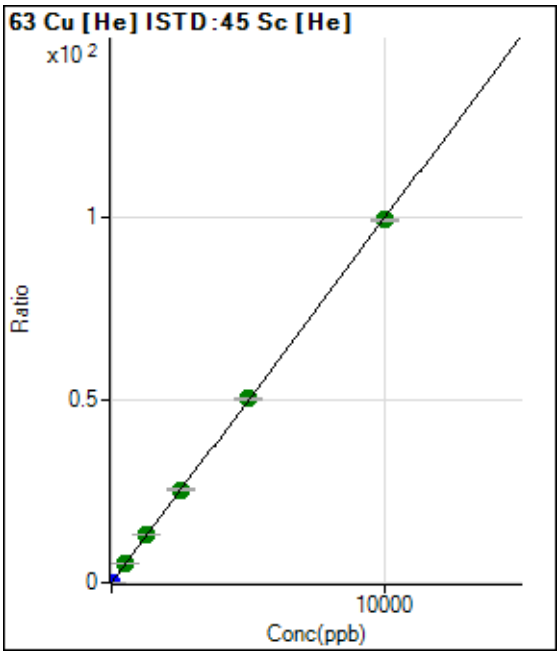


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.89	0.0005	P	8.4
2	☐	1.000	1.121	1262.29	0.0043	P	5.9
3	☐	50.000	52.013	52913.06	0.1758	P	1.0
4	☐	125.000	130.830	132538.03	0.4415	P	1.3
5	☐	250.000	257.963	263011.46	0.8700	P	1.2
6	☐	500.000	505.552	522146.33	1.7045	P	0.4
7	☐	1000.000	994.404	1040649.55	3.3522	P	0.8
8	☐			5233.19	0.0164	P	2.5

y = 0.0034 * x + 4.9779E-004
R = 0.9999
DL = 0.0372
BEC = 0.1477

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1424.53	0.0048	P	2.8
2	☐	2.000	1.856	6861.64	0.0232	P	3.8
3	☐	500.000	515.795	1547223.54	5.1410	A	1.1
4	☐	1250.000	1314.812	3932300.56	13.0977	A	0.4
5	☐	2500.000	2546.942	7669115.44	25.3672	A	1.3
6	☐	5000.000	5049.993	15406457.41	50.2926	A	0.7
7	☐	10000.000	9954.377	30774286.21	99.1304	A	0.6
8	☐			8402.43	0.0263	P	1.8

y = 0.0100 * x + 0.0048
R = 1.0000
DL = 0.04087
BEC = 0.4783

Weight: <None>
Min Conc: 0

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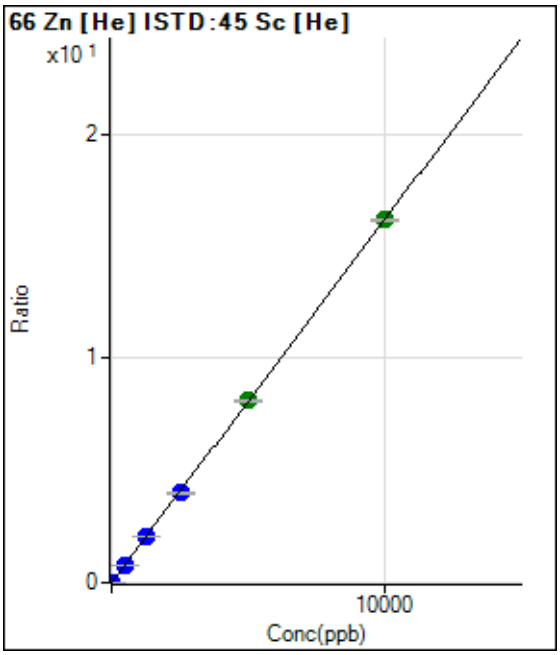
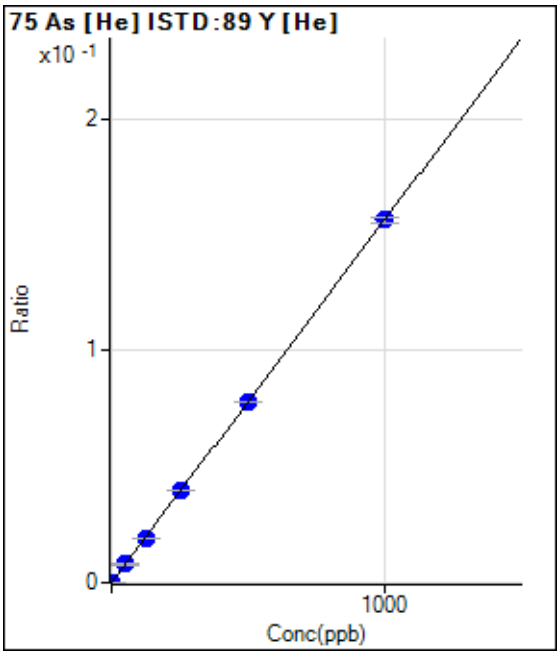


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	507.79	0.0017	P	2.2
2	☐	2.000	4.491	2644.71	0.0090	P	5.1
3	☐	500.000	499.819	243702.87	0.8097	P	0.2
4	☐	1250.000	1250.408	607431.66	2.0232	P	0.8
5	☐	2500.000	2465.631	1205636.14	3.9878	P	0.5
6	☐	5000.000	5015.903	2484630.33	8.1108	A	0.8
7	☐	10000.000	10000.598	5019794.54	16.1695	A	0.3
8	☐			5176.50	0.0162	P	4.8

y = 0.0016 * x + 0.0017
R = 1.0000
DL = 0.06822
BEC = 1.05

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	1.000	0.966	352.23	0.0002	P	17.2
3	☐	50.000	50.607	18638.45	0.0079	P	2.0
4	☐	125.000	123.209	46061.20	0.0192	P	0.5
5	☐	250.000	253.312	93042.46	0.0396	P	0.8
6	☐	500.000	497.812	188212.95	0.0778	P	0.5
7	☐	1000.000	1000.459	381206.05	0.1563	P	1.6
8	☐			256.67	0.0001	P	11.4

y = 1.5622E-004 * x + 4.6543E-007
R = 1.0000
DL = 0.01548
BEC = 0.002979

Weight: <None>
Min Conc: 0

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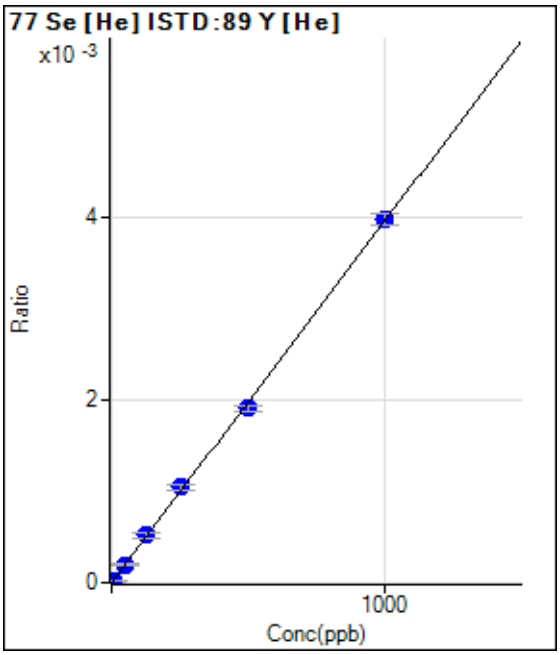
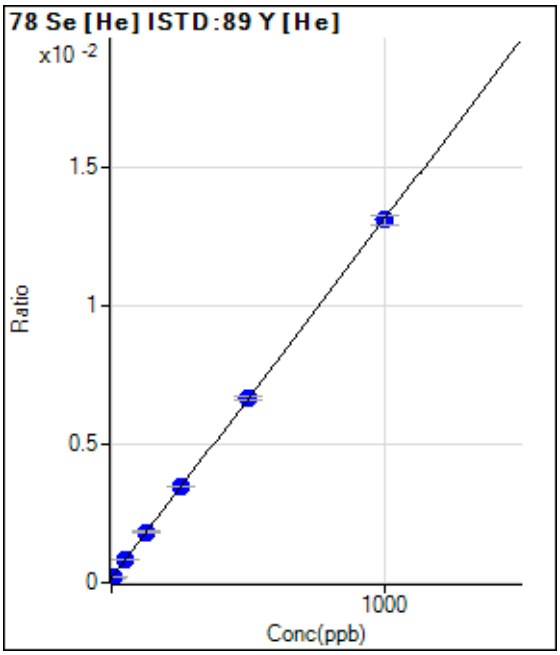


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	4.003	38.89	0.0000	P	16.9
3	☐	50.000	50.175	468.90	0.0002	P	6.8
4	☐	125.000	130.950	1237.84	0.0005	P	12.2
5	☐	250.000	264.822	2459.12	0.0010	P	6.2
6	☐	500.000	482.960	4614.09	0.0019	P	3.8
7	☐	1000.000	1004.067	9665.46	0.0040	P	3.1
8	☐			3.33	0.0000	P	100.

y = 3.9461E-006 * x + 9.3420E-007
R = 0.9997
DL = 0.6151
BEC = 0.2367

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	376.68	0.0002	P	5.9
2	☐	5.000	5.652	538.90	0.0002	P	5.6
3	☐	50.000	52.252	1971.26	0.0008	P	1.2
4	☐	125.000	128.067	4352.90	0.0018	P	3.3
5	☐	250.000	254.587	8132.30	0.0035	P	0.5
6	☐	500.000	501.214	16108.86	0.0067	P	1.7
7	☐	1000.000	997.747	31930.01	0.0131	P	2.3
8	☐			347.79	0.0001	P	13.3

y = 1.2962E-005 * x + 1.5883E-004
R = 1.0000
DL = 2.182
BEC = 12.25

Weight: <None>
Min Conc: 0

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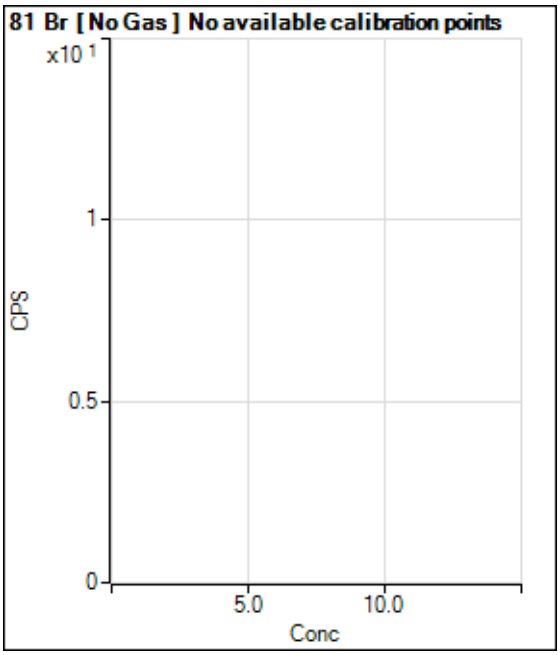
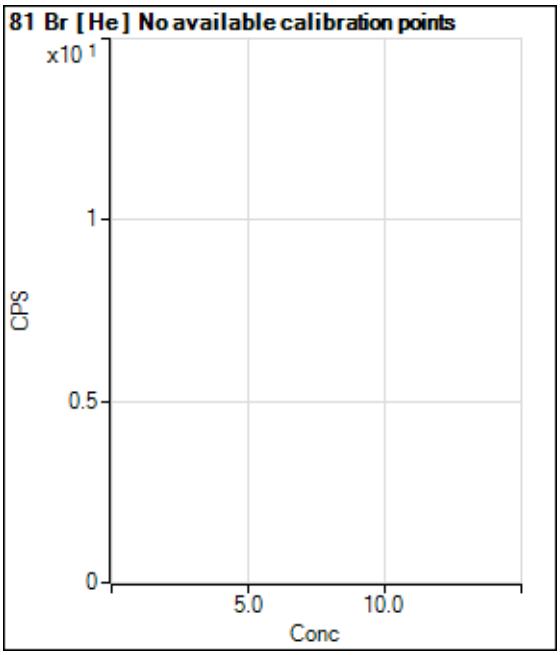


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6332.53		P	0.9
2	☐			6394.77		P	1.9
3	☐			6266.94		P	2.7
4	☐			6323.64		P	1.8
5	☐			6233.60		P	1.4
6	☐			6394.79		P	3.1
7	☐			6538.18		P	1.5
8	☐			7167.36		P	3.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			72.22		P	32.7
2	☐			83.33		P	10.6
3	☐			71.11		P	35.5
4	☐			64.45		P	6.0
5	☐			64.44		P	29.9
6	☐			80.00		P	16.7
7	☐			63.33		P	19.0
8	☐			78.89		P	20.8

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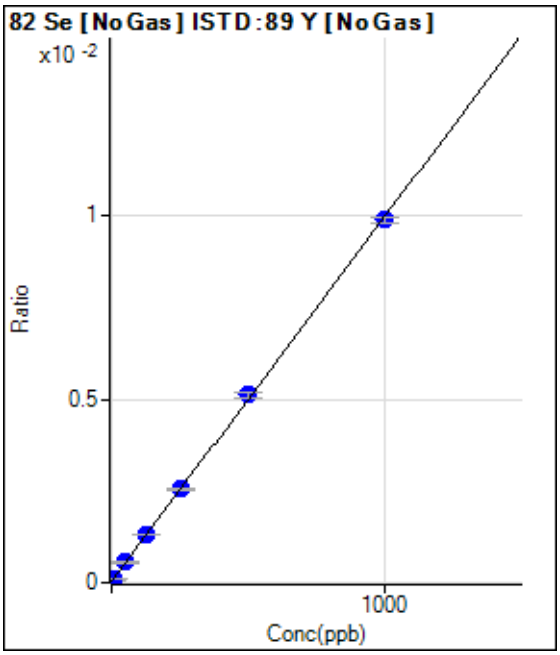


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.65	0.0000	P	12.3
2	☐	5.000	5.135	754.48	0.0001	P	4.0
3	☐	50.000	52.189	4883.86	0.0006	P	2.3
4	☐	125.000	128.151	11726.38	0.0013	P	0.8
5	☐	250.000	254.067	23106.09	0.0026	P	2.0
6	☐	500.000	512.502	45863.49	0.0051	P	3.1
7	☐	1000.000	992.228	93644.50	0.0099	P	1.9
8	☐			448.58	0.0000	P	15.4

y = 9.9436E-006 * x + 3.4445E-005

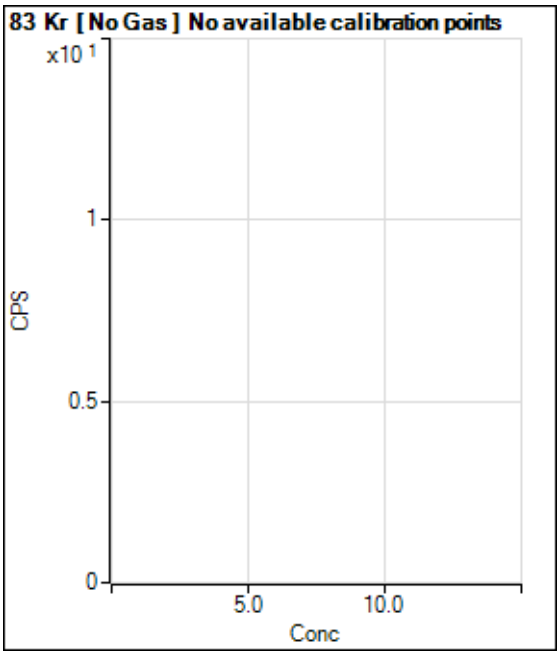
R = 0.9999

DL = 1.275

BEC = 3.464

Weight: <None>

Min Conc: 0



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1	☐			210.00		P	13.0
2	☐			223.33		P	9.3
3	☐			235.56		P	13.2
4	☐			256.67		P	4.7
5	☐			226.67		P	2.9
6	☐			246.67		P	11.8
7	☐			255.56		P	5.3
8	☐			266.67		P	13.9

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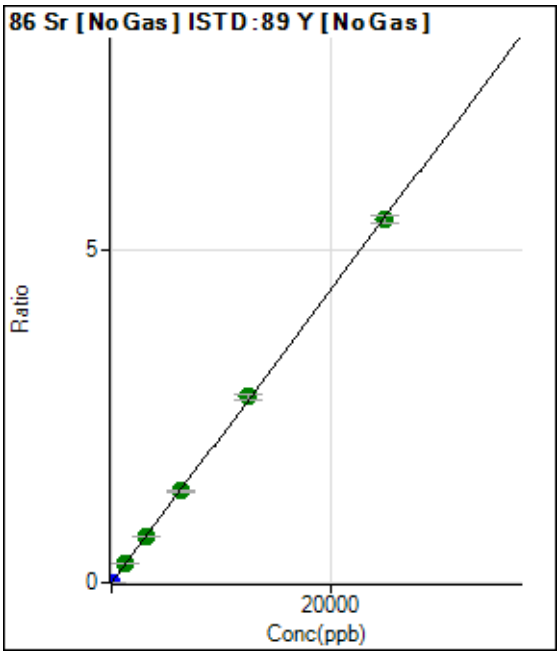
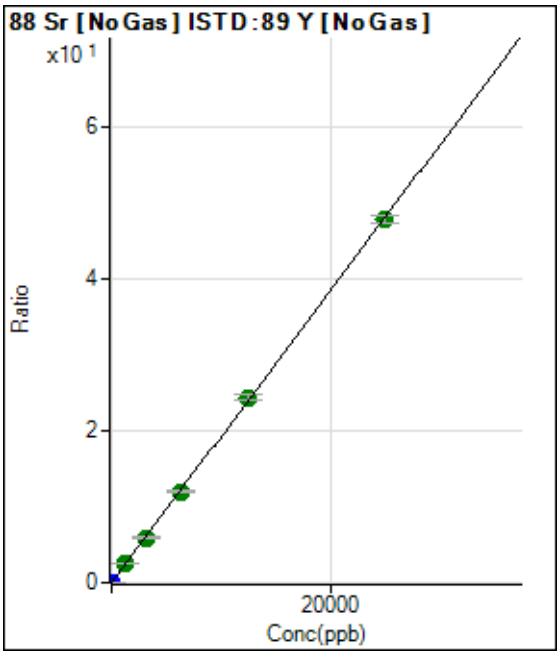


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	516.68	0.0001	P	13.5
2	☐	1.000	0.921	2293.54	0.0003	P	2.3
3	☐	1250.000	1270.174	2453802.24	0.2780	A	0.6
4	☐	3125.000	3130.427	6138950.95	0.6852	A	0.2
5	☐	6250.000	6292.449	12426718.56	1.3772	A	1.3
6	☐	12500.000	12756.127	24958817.40	2.7918	A	2.8
7	☐	25000.000	24859.637	51460270.90	5.4408	A	2.0
8	☐			8724.88	0.0009	P	3.3

y = 2.1886E-004 * x + 5.8266E-005
R = 0.9999
DL = 0.1076
BEC = 0.2662

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1405.64	0.0002	P	4.8
2	☐	1.000	0.935	17253.54	0.0020	P	3.0
3	☐	1250.000	1264.899	21450332.04	2.4305	A	0.8
4	☐	3125.000	3099.844	53367499.20	5.9562	A	0.5
5	☐	6250.000	6242.156	108225237.2	11.9938	A	1.7
6	☐	12500.000	12729.349	218646752.3	24.4583	A	3.5
7	☐	25000.000	24889.686	452330668.8	47.8231	A	2.1
8	☐			73686.83	0.0079	P	2.2

y = 0.0019 * x + 1.5831E-004
R = 0.9999
DL = 0.0118
BEC = 0.0824

Weight: <None>
Min Conc: 0

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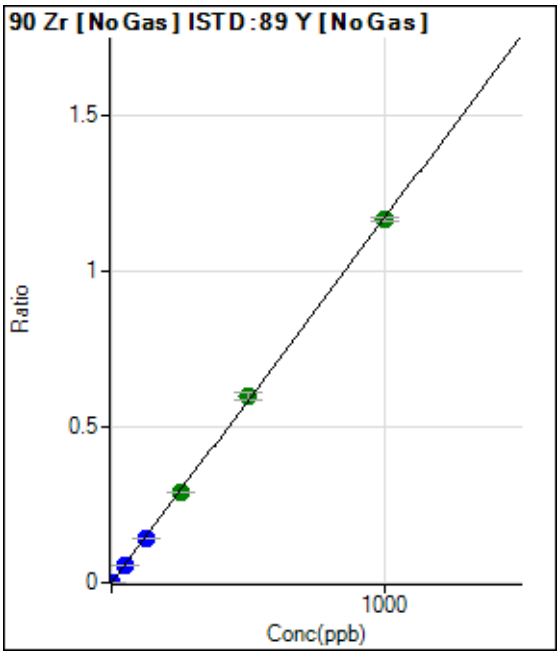
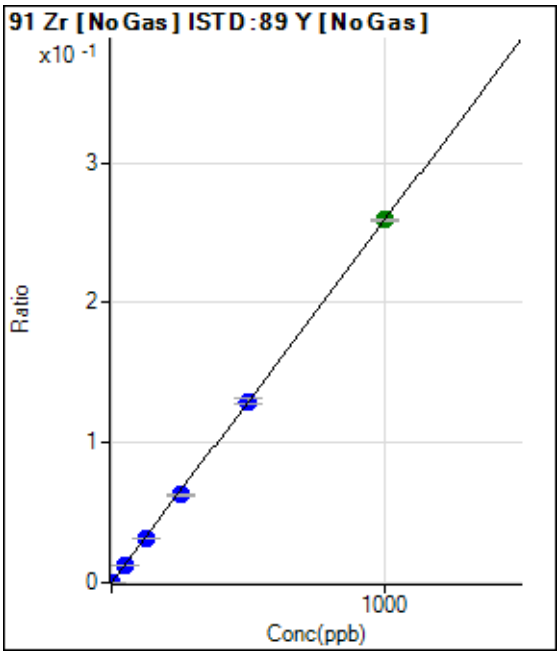


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	445.56	0.0001	P	2.1
2	☐	1.000	0.926	9995.70	0.0011	P	1.8
3	☐	50.000	49.615	512221.53	0.0580	P	1.5
4	☐	125.000	122.112	1279390.73	0.1428	P	0.7
5	☐	250.000	247.943	2615544.49	0.2899	A	1.3
6	☐	500.000	511.992	5350351.90	0.5985	A	3.3
7	☐	1000.000	994.899	11001365.25	1.1630	A	1.1
8	☐			6255.84	0.0007	P	1.7

y = 0.0012 * x + 5.0204E-005
R = 0.9999
DL = 0.002666
BEC = 0.04295

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	4.8
2	☐	1.000	0.922	2177.96	0.0002	P	2.1
3	☐	50.000	49.234	112558.31	0.0128	P	1.2
4	☐	125.000	121.965	283000.71	0.0316	P	0.6
5	☐	250.000	243.186	568175.33	0.0630	P	1.9
6	☐	500.000	501.512	1160798.51	0.1298	P	2.9
7	☐	1000.000	1001.365	2452750.64	0.2593	A	0.4
8	☐			1411.20	0.0002	P	4.1

y = 2.5890E-004 * x + 8.1354E-006
R = 1.0000
DL = 0.004502
BEC = 0.03142

Weight: <None>
Min Conc: 0

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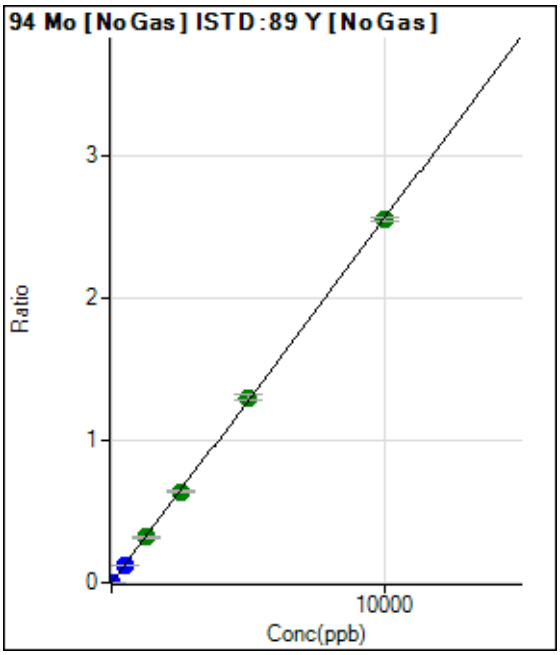
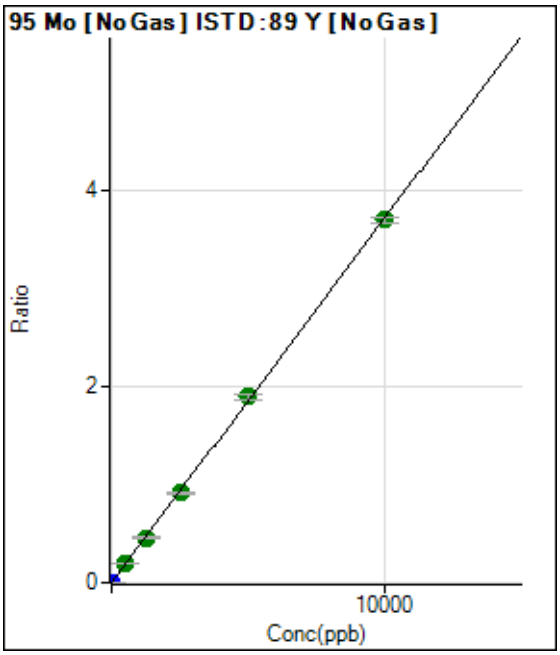


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.00	0.0000	P	5.1
2	☐	5.000	5.032	11613.59	0.0013	P	2.9
3	☐	500.000	493.050	1113754.18	0.1262	P	0.9
4	☐	1250.000	1242.514	2849218.12	0.3180	A	0.7
5	☐	2500.000	2487.498	5743762.62	0.6366	A	2.4
6	☐	5000.000	5088.515	11640763.99	1.3022	A	3.1
7	☐	10000.000	9960.151	24111178.53	2.5488	A	1.0
8	☐			5810.10	0.0006	P	5.2

y = 2.5590E-004 * x + 2.8174E-005
R = 0.9999
DL = 0.01675
BEC = 0.1101

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	168.89	0.0000	P	19.0
2	☐	5.000	4.176	13854.45	0.0016	P	4.6
3	☐	500.000	505.048	1655775.86	0.1876	A	0.6
4	☐	1250.000	1239.882	4126985.56	0.4606	A	0.9
5	☐	2500.000	2470.721	8281823.07	0.9178	A	1.8
6	☐	5000.000	5098.559	16930459.89	1.8939	A	3.2
7	☐	10000.000	9959.053	34992744.48	3.6994	A	1.5
8	☐			5217.64	0.0006	P	3.9

y = 3.7146E-004 * x + 1.9018E-005
R = 0.9999
DL = 0.02914
BEC = 0.0512

Weight: <None>
Min Conc: 0

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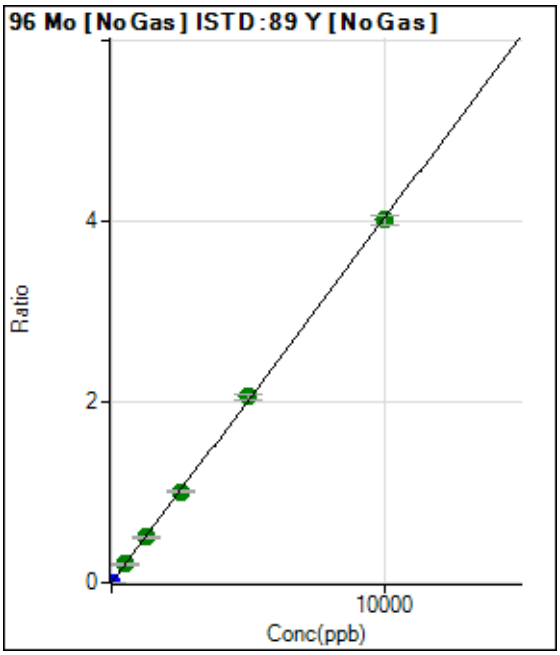
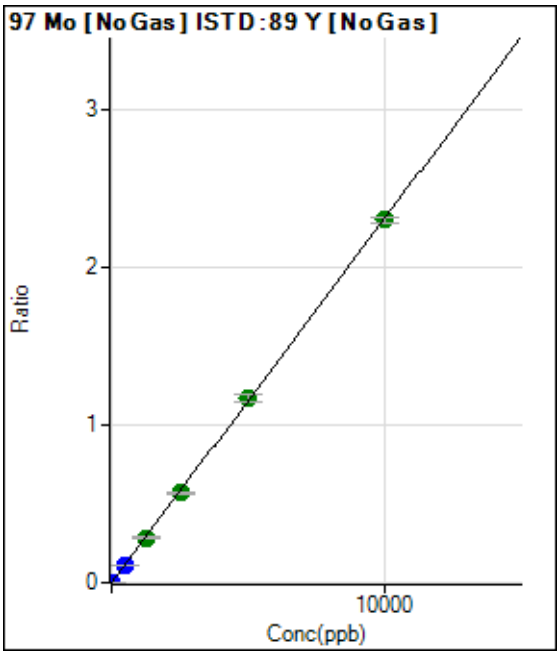


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	193.34	0.0000	P	10.3
2	☐	5.000	4.292	15486.09	0.0018	P	2.1
3	☐	500.000	503.321	1793702.25	0.2033	A	1.1
4	☐	1250.000	1242.669	4496089.20	0.5018	A	0.8
5	☐	2500.000	2486.252	9058417.23	1.0039	A	2.4
6	☐	5000.000	5111.444	18450211.39	2.0639	A	3.2
7	☐	10000.000	9948.466	37992858.60	4.0170	A	2.4
8	☐			11125.45	0.0012	P	2.7

y = 4.0378E-004 * x + 2.1782E-005
R = 0.9999
DL = 0.01666
BEC = 0.05395

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	17.1
2	☐	5.000	4.242	8740.47	0.0010	P	2.6
3	☐	500.000	489.522	995297.45	0.1128	P	2.3
4	☐	1250.000	1238.459	2556519.11	0.2853	A	1.0
5	☐	2500.000	2463.995	5121917.08	0.5677	A	2.2
6	☐	5000.000	5086.819	10475850.68	1.1719	A	3.8
7	☐	10000.000	9967.559	21720252.87	2.2963	A	1.9
8	☐			3234.84	0.0003	P	0.9

y = 2.3038E-004 * x + 1.3146E-005
R = 0.9999
DL = 0.02929
BEC = 0.05706

Weight: <None>
Min Conc: 0

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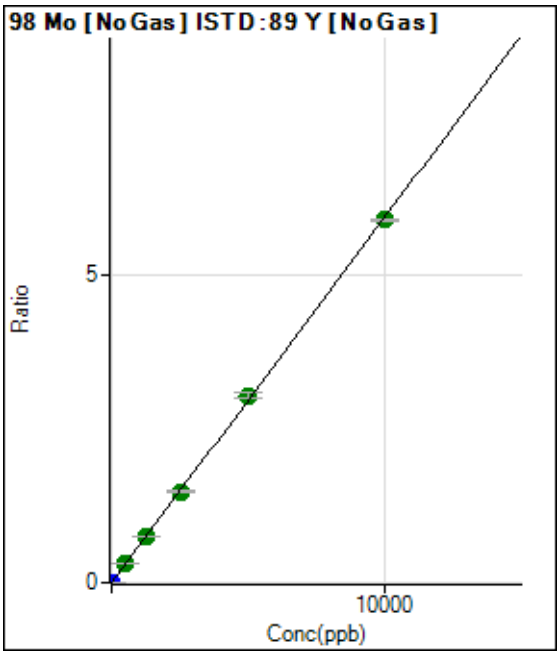
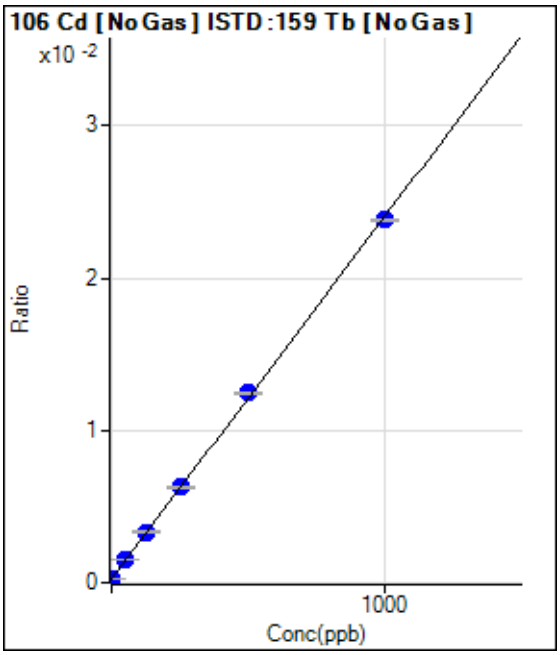


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.34	0.0000	P	3.8
2	☐	5.000	4.216	22279.30	0.0025	P	2.7
3	☐	500.000	505.241	2642033.87	0.2994	A	1.4
4	☐	1250.000	1240.850	6587891.99	0.7353	A	0.4
5	☐	2500.000	2489.101	13308411.88	1.4749	A	1.3
6	☐	5000.000	5130.216	27174259.59	3.0398	A	3.6
7	☐	10000.000	9938.499	55708803.06	5.8889	A	0.8
8	☐			7907.75	0.0008	P	2.0

y = 5.9253E-004 * x + 2.6279E-005
R = 0.9999
DL = 0.005039
BEC = 0.04435

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1345.63	0.0002	P	6.0
2	☐	1.000	0.814	1456.76	0.0003	P	4.8
3	☐	50.000	52.614	8491.44	0.0015	P	2.0
4	☐	125.000	130.657	19213.94	0.0033	P	0.5
5	☐	250.000	252.946	36737.63	0.0063	P	1.4
6	☐	500.000	513.252	73214.60	0.0124	P	1.9
7	☐	1000.000	991.800	148258.99	0.0238	P	0.8
8	☐			1563.43	0.0003	P	5.3

y = 2.3788E-005 * x + 2.3715E-004
R = 0.9999
DL = 1.788
BEC = 9.97

Weight: <None>
Min Conc: 0

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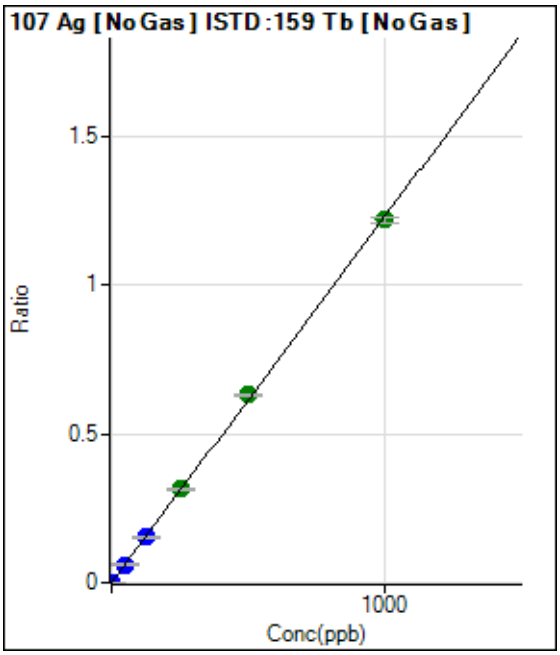
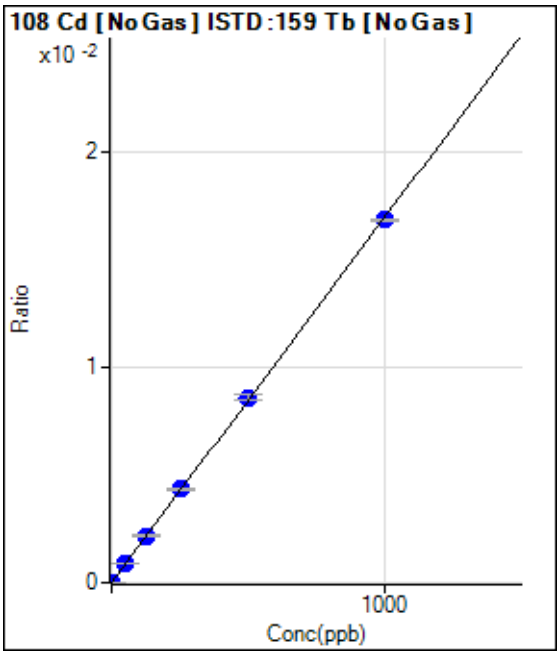


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.00	0.0000	P	4.8
2	☐	1.000	0.871	6156.92	0.0011	P	0.7
3	☐	50.000	49.936	350398.34	0.0614	P	2.0
4	☐	125.000	123.800	874799.30	0.1523	P	0.4
5	☐	250.000	255.588	1846962.18	0.3144	A	2.3
6	☐	500.000	512.980	3712189.11	0.6311	A	1.7
7	☐	1000.000	992.267	7594096.97	1.2207	A	1.5
8	☐			962.26	0.0002	P	9.8

y = 0.0012 * x + 1.2335E-005
R = 0.9998
DL = 0.001431
BEC = 0.01003

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	132.
2	☐	1.000	0.920	95.56	0.0000	P	16.3
3	☐	50.000	51.721	5010.92	0.0009	P	3.1
4	☐	125.000	128.892	12565.53	0.0022	P	2.0
5	☐	250.000	255.535	25467.95	0.0043	P	1.4
6	☐	500.000	508.123	50702.72	0.0086	P	2.3
7	☐	1000.000	993.982	104910.63	0.0169	P	0.6
8	☐			62.22	0.0000	P	30.5

y = 1.6962E-005 * x + 1.1801E-006
R = 0.9999
DL = 0.2768
BEC = 0.06957

Weight: <None>
Min Conc: 0

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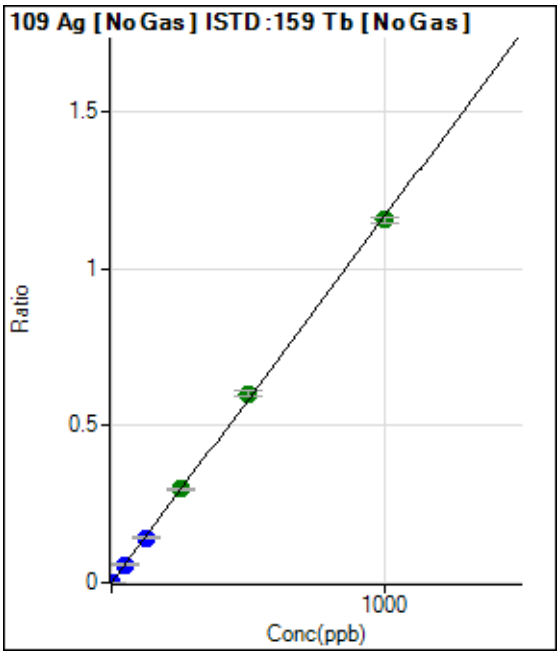
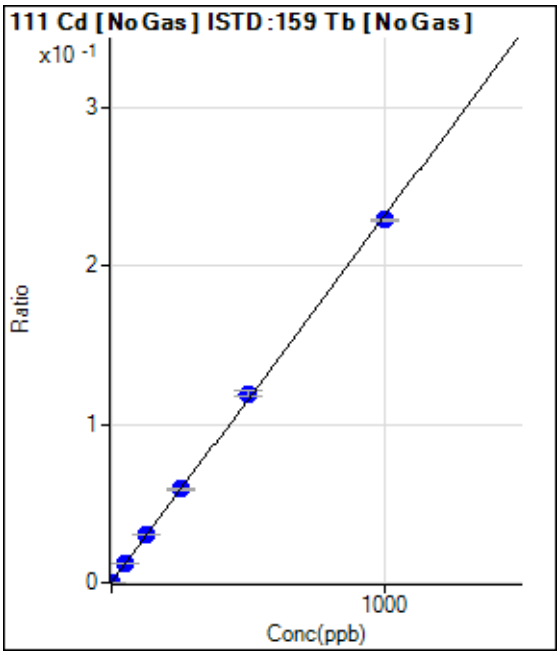


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0000	P	55.0
2	☐	1.000	0.899	5993.51	0.0011	P	1.7
3	☐	50.000	49.778	330754.15	0.0580	P	2.4
4	☐	125.000	123.033	823320.53	0.1433	P	0.6
5	☐	250.000	257.020	1759018.97	0.2994	A	2.0
6	☐	500.000	516.031	3536191.06	0.6012	A	2.6
7	☐	1000.000	990.487	7180724.20	1.1540	A	1.6
8	☐			808.92	0.0001	P	14.0

y = 0.0012 * x + 7.0594E-006
R = 0.9998
DL = 0.01
BEC = 0.006059

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	941.72	0.0002	P	5.3
2	☐	1.000	1.029	2294.03	0.0004	P	2.9
3	☐	50.000	52.712	70383.88	0.0123	P	1.6
4	☐	125.000	129.918	173328.89	0.0302	P	0.8
5	☐	250.000	255.545	347723.48	0.0592	P	2.0
6	☐	500.000	516.058	702129.34	0.1194	P	2.9
7	☐	1000.000	989.834	1423581.78	0.2288	P	0.4
8	☐			1287.52	0.0002	P	3.1

y = 2.3099E-004 * x + 1.6596E-004
R = 0.9998
DL = 0.1145
BEC = 0.7185

Weight: <None>
Min Conc: 0

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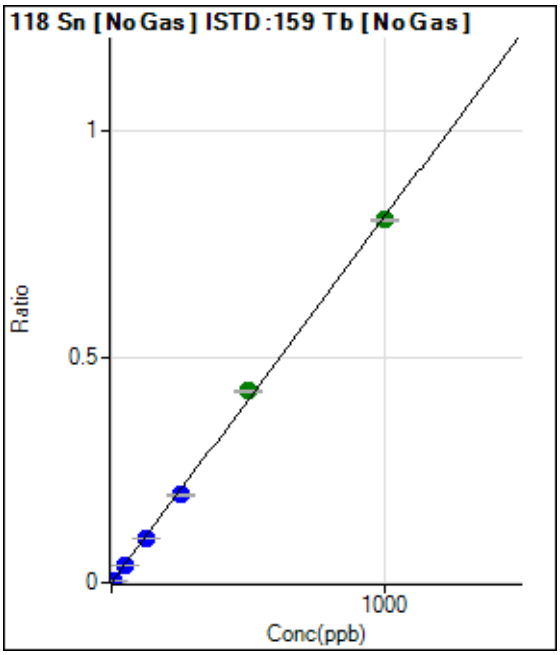
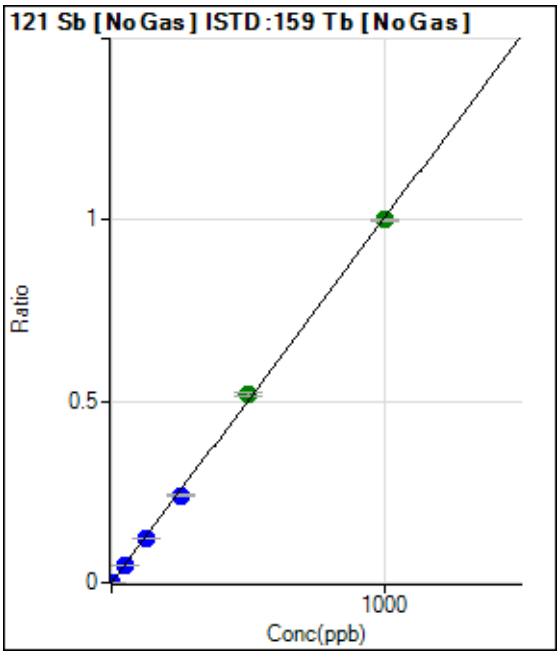


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1097.83	0.0002	P	7.5
2	☐	5.000	4.388	21304.75	0.0037	P	1.2
3	☐	50.000	48.856	226892.78	0.0398	P	2.2
4	☐	125.000	120.390	561498.02	0.0978	P	0.7
5	☐	250.000	238.968	1138734.41	0.1939	P	2.1
6	☐	500.000	523.543	2497140.17	0.4245	A	1.2
7	☐	1000.000	991.623	5001237.43	0.8038	A	0.3
8	☐			3537.16	0.0006	P	1.7

y = 8.1041E-004 * x + 1.9346E-004
R = 0.9995
DL = 0.0537
BEC = 0.2387

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0000	P	11.3
2	☐	2.000	1.893	10870.85	0.0019	P	2.5
3	☐	50.000	48.452	277898.84	0.0487	P	2.4
4	☐	125.000	121.161	699854.63	0.1218	P	0.7
5	☐	250.000	238.630	1409590.02	0.2400	P	2.3
6	☐	500.000	517.069	3058612.11	0.5199	A	2.4
7	☐	1000.000	994.865	6223927.48	1.0004	A	0.7
8	☐			4873.10	0.0008	P	4.8

y = 0.0010 * x + 9.9816E-006
R = 0.9997
DL = 0.003375
BEC = 0.009927

Weight: <None>
Min Conc: 0

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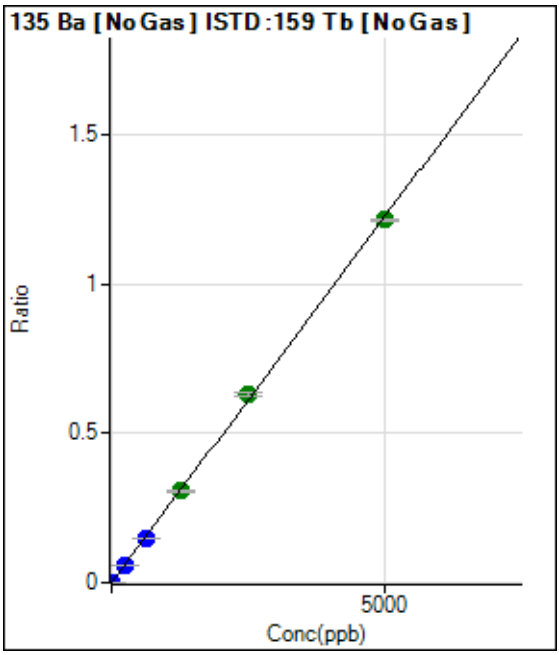
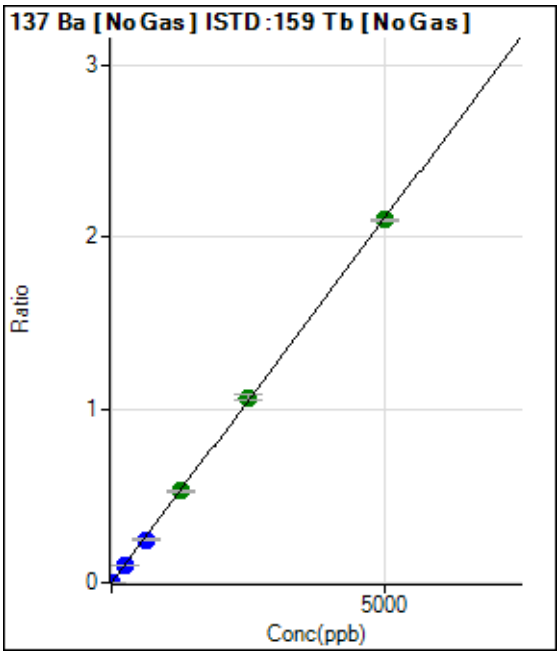


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	7.5
2	☐	10.000	8.912	12480.00	0.0022	P	2.2
3	☐	250.000	237.915	332611.28	0.0583	P	2.0
4	☐	625.000	593.027	834870.94	0.1454	P	0.2
5	☐	1250.000	1258.272	1811575.73	0.3084	A	1.8
6	☐	2500.000	2581.318	3721542.86	0.6327	A	2.4
7	☐	5000.000	4961.876	7566735.79	1.2161	A	0.4
8	☐			3062.58	0.0005	P	0.2

y = 2.4509E-004 * x + 1.2729E-005
R = 0.9998
DL = 0.01162
BEC = 0.05194

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	24.5
2	☐	10.000	8.818	21249.28	0.0037	P	1.7
3	☐	250.000	238.765	574542.57	0.1007	P	1.7
4	☐	625.000	591.805	1434140.55	0.2497	P	1.0
5	☐	1250.000	1262.631	3128970.34	0.5327	A	2.0
6	☐	2500.000	2542.951	6309635.04	1.0728	A	3.2
7	☐	5000.000	4980.080	13072058.14	2.1009	A	0.7
8	☐			5466.66	0.0009	P	3.4

y = 4.2186E-004 * x + 2.0539E-005
R = 0.9999
DL = 0.03575
BEC = 0.04869

Weight: <None>
Min Conc: 0

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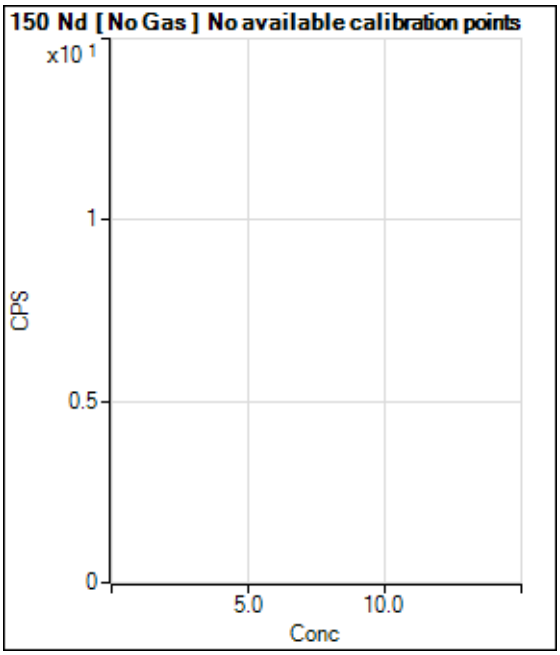
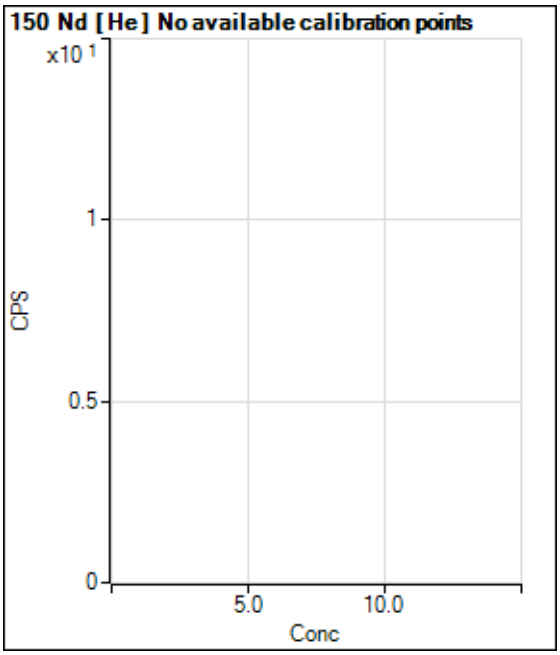


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	43.4
2	☐			8.89		P	57.3
3	☐			21.11		P	50.8
4	☐			42.22		P	32.9
5	☐			42.22		P	31.9
6	☐			93.33		P	15.6
7	☐			257.78		P	6.4
8	☐			112.22		P	26.6



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1	☐			2.22		P	86.6
2	☐			2.22		P	173.
3	☐			5.56		P	91.6
4	☐			11.11		P	34.6
5	☐			15.56		P	32.7
6	☐			33.33		P	55.7
7	☐			42.22		P	25.4
8	☐			70.00		P	33.3

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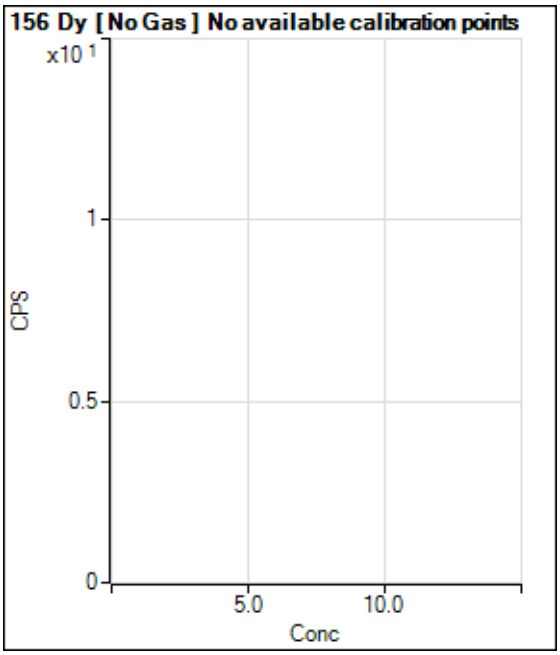
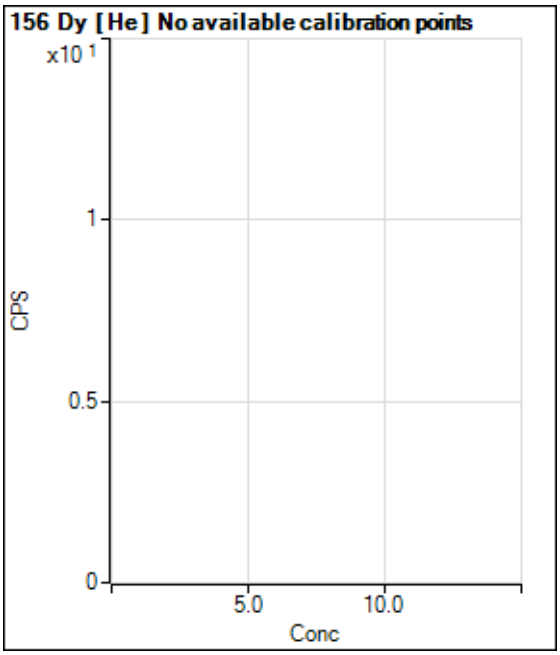


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			360.01		P	10.5
2	☐			347.79		P	15.2
3	☐			368.90		P	8.4
4	☐			317.78		P	10.0
5	☐			386.68		P	9.7
6	☐			363.34		P	12.9
7	☐			481.12		P	6.2
8	☐			544.46		P	7.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			124.45		P	19.7
2	☐			86.67		P	32.9
3	☐			106.67		P	3.1
4	☐			108.89		P	15.1
5	☐			163.34		P	7.4
6	☐			252.23		P	12.2
7	☐			435.57		P	8.8
8	☐			247.78		P	8.2

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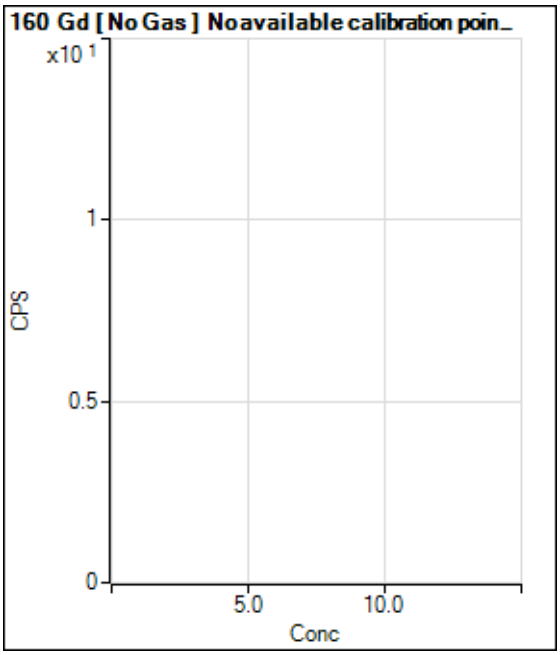
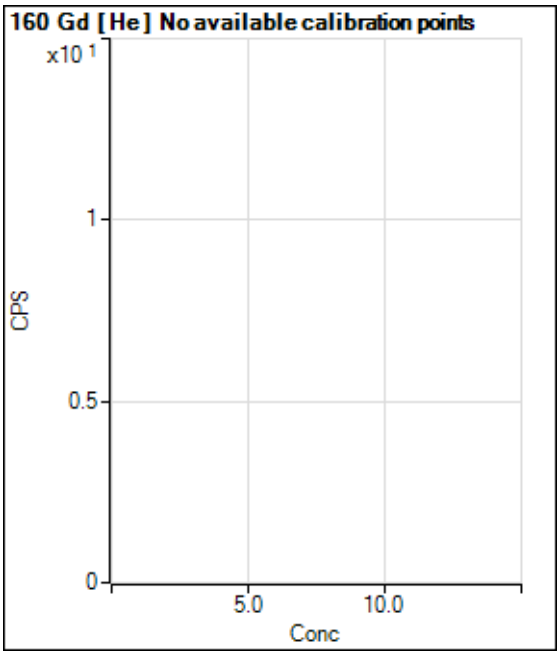


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			24.44		P	34.3
2	☐			16.67		P	52.9
3	☐			26.67		P	21.7
4	☐			32.22		P	31.6
5	☐			37.78		P	44.4
6	☐			68.89		P	43.4
7	☐			83.33		P	26.2
8	☐			200.00		P	8.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			151.11		P	5.5
2	☐			116.67		P	7.6
3	☐			143.34		P	17.6
4	☐			120.00		P	20.0
5	☐			168.89		P	16.0
6	☐			158.89		P	10.3
7	☐			217.78		P	21.1
8	☐			240.01		P	9.1

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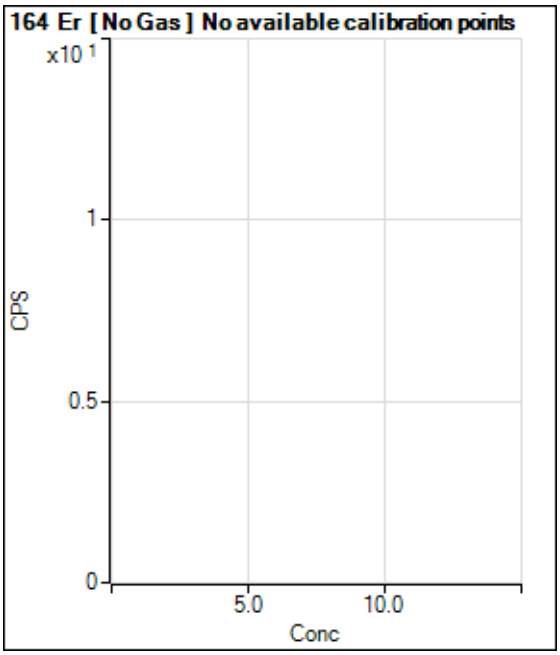
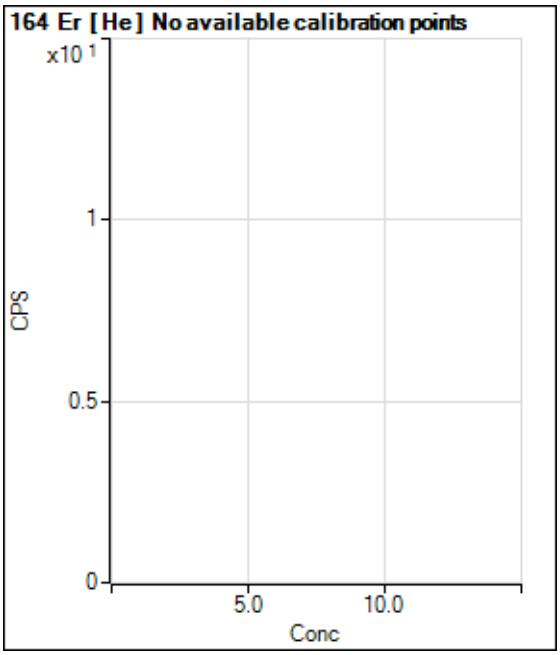


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			40.00		P	14.4
2	☐			43.33		P	23.1
3	☐			52.22		P	19.5
4	☐			46.67		P	32.7
5	☐			52.22		P	24.2
6	☐			73.33		P	22.7
7	☐			95.56		P	5.3
8	☐			230.00		P	5.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			24.45		P	15.8
2	☐			22.22		P	8.7
3	☐			18.89		P	10.2
4	☐			25.55		P	15.1
5	☐			36.67		P	27.3
6	☐			53.33		P	16.5
7	☐			68.89		P	34.0
8	☐			165.56		P	22.9

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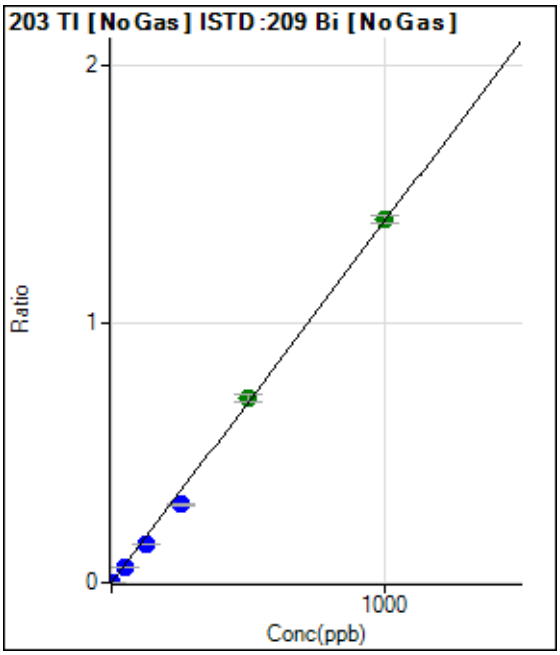
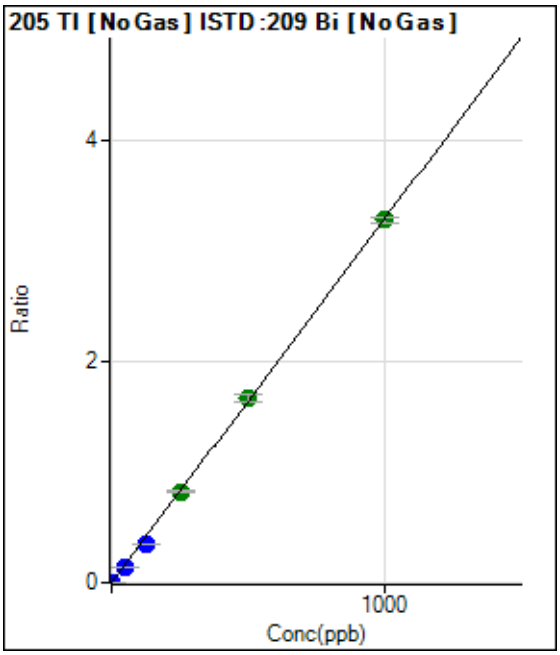


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	114.45	0.0000	P	3.0
2	☐	1.000	0.854	3979.51	0.0012	P	1.9
3	☐	50.000	43.542	200078.37	0.0607	P	1.3
4	☐	125.000	107.018	503388.14	0.1492	P	0.4
5	☐	250.000	215.657	1016023.89	0.3007	P	2.1
6	☐	500.000	513.558	2415231.54	0.7160	A	4.1
7	☐	1000.000	1004.378	4964210.10	1.4002	A	2.0
8	☐			728.92	0.0002	P	14.2

y = 0.0014 * x + 3.5098E-005
R = 0.9992
DL = 0.002287
BEC = 0.02518

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	198.89	0.0001	P	1.0
2	☐	1.000	0.830	9058.65	0.0028	P	4.1
3	☐	50.000	43.579	472229.23	0.1434	P	1.2
4	☐	125.000	106.937	1186314.77	0.3517	P	0.4
5	☐	250.000	250.325	2781747.42	0.8232	A	0.8
6	☐	500.000	508.915	5644829.91	1.6734	A	4.3
7	☐	1000.000	998.040	11635438.16	3.2817	A	1.8
8	☐			1572.33	0.0005	P	9.1

y = 0.0033 * x + 6.1000E-005
R = 0.9998
DL = 0.0005485
BEC = 0.01855

Weight: <None>
Min Conc: 0

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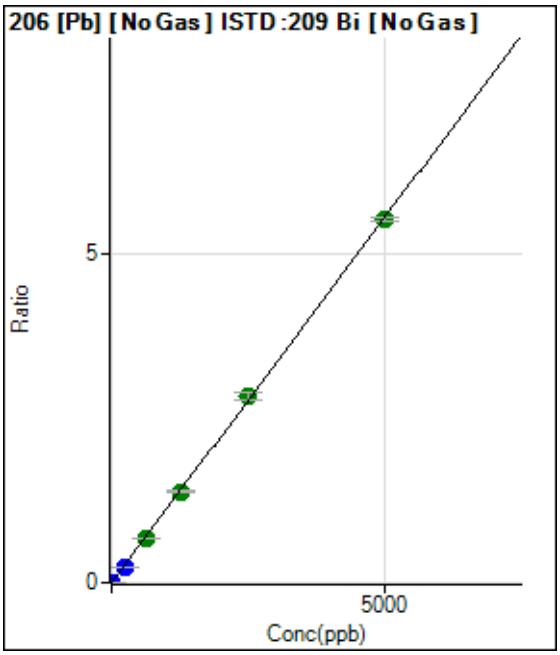
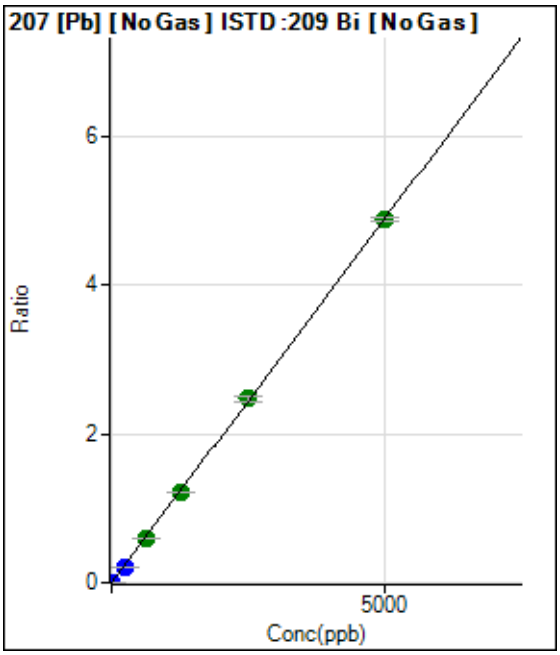


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.67	0.0001	P	10.2
2	☐	1.000	0.808	3199.30	0.0010	P	1.5
3	☐	250.000	219.500	803690.26	0.2440	P	1.5
4	☐	625.000	616.453	2310742.81	0.6850	A	0.8
5	☐	1250.000	1248.333	4687129.44	1.3871	A	1.0
6	☐	2500.000	2561.797	9601259.65	2.8465	A	4.6
7	☐	5000.000	4972.112	19589362.77	5.5245	A	1.0
8	☐			4208.48	0.0013	P	4.4

y = 0.0011 * x + 8.7862E-005
R = 0.9999
DL = 0.02421
BEC = 0.07908

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.23	0.0001	P	13.0
2	☐	1.000	0.794	2771.42	0.0009	P	4.4
3	☐	250.000	216.315	696639.68	0.2115	P	1.5
4	☐	625.000	614.516	2025990.70	0.6006	A	0.5
5	☐	1250.000	1245.035	4111437.23	1.2168	A	1.5
6	☐	2500.000	2527.831	8334502.65	2.4703	A	3.4
7	☐	5000.000	4990.321	17292062.10	4.8767	A	1.2
8	☐			3592.73	0.0011	P	2.4

y = 9.7722E-004 * x + 7.7405E-005
R = 1.0000
DL = 0.03086
BEC = 0.07921

Weight: <None>
Min Conc: 0

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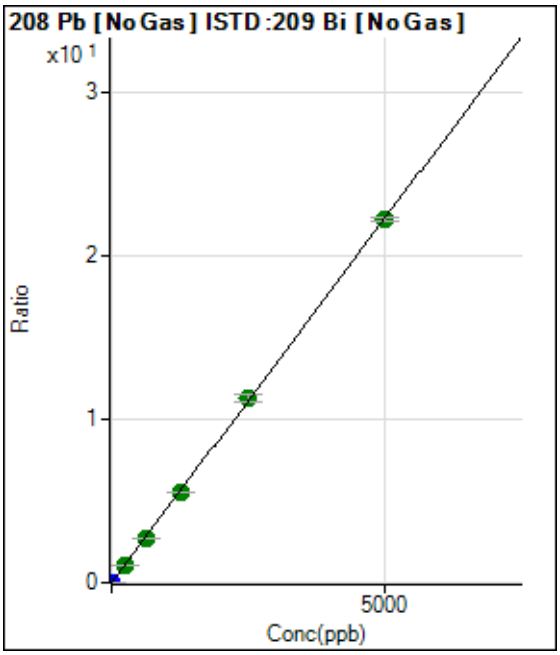
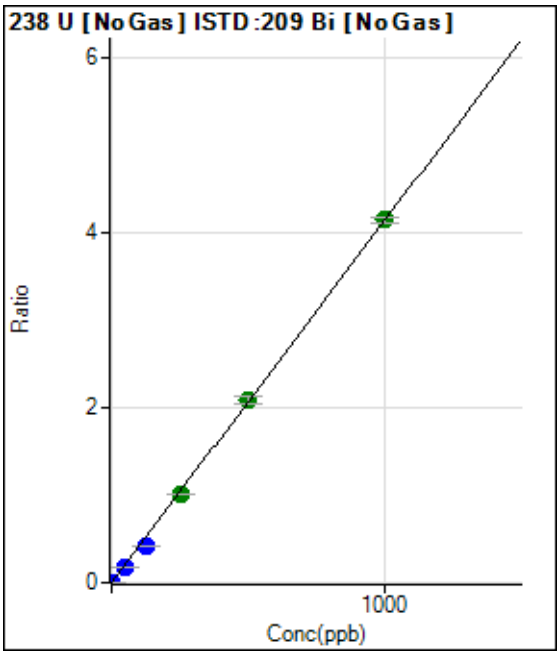


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1126.70	0.0003	P	2.3
2	☐	1.000	0.805	12746.92	0.0039	P	3.4
3	☐	250.000	234.754	3438946.66	1.0438	A	0.8
4	☐	625.000	616.988	9251956.95	2.7429	A	1.1
5	☐	1250.000	1243.047	18671842.92	5.5257	A	1.5
6	☐	2500.000	2535.831	38027087.42	11.2721	A	3.9
7	☐	5000.000	4985.587	78579922.30	22.1612	A	1.1
8	☐			16728.66	0.0050	P	2.3

y = 0.0044 * x + 3.4552E-004
R = 1.0000
DL = 0.00544
BEC = 0.07773

Weight: <None>
Min Conc: 0

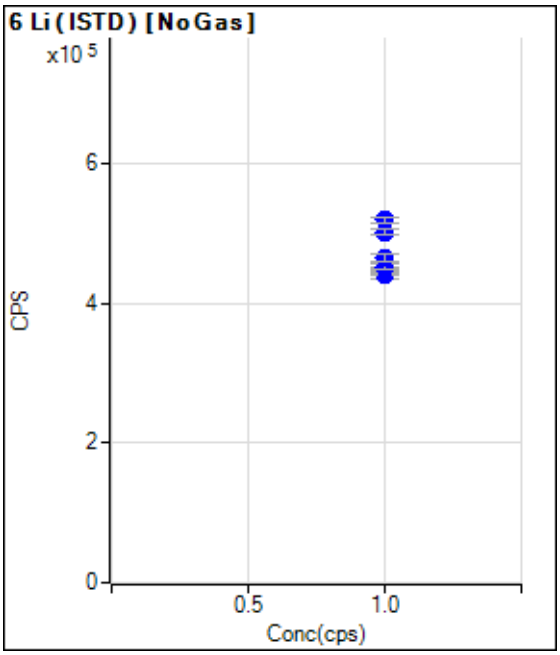


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	4.9
2	☐	1.000	0.785	10662.16	0.0033	P	3.3
3	☐	50.000	42.023	572874.82	0.1739	P	1.5
4	☐	125.000	103.057	1438514.94	0.4264	P	0.5
5	☐	250.000	244.130	3413259.95	1.0101	A	1.5
6	☐	500.000	504.173	7037455.17	2.0859	A	3.4
7	☐	1000.000	1002.523	14706818.95	4.1478	A	1.4
8	☐			838.92	0.0003	P	8.3

y = 0.0041 * x + 3.5772E-005
R = 0.9998
DL = 0.001266
BEC = 0.008646

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7



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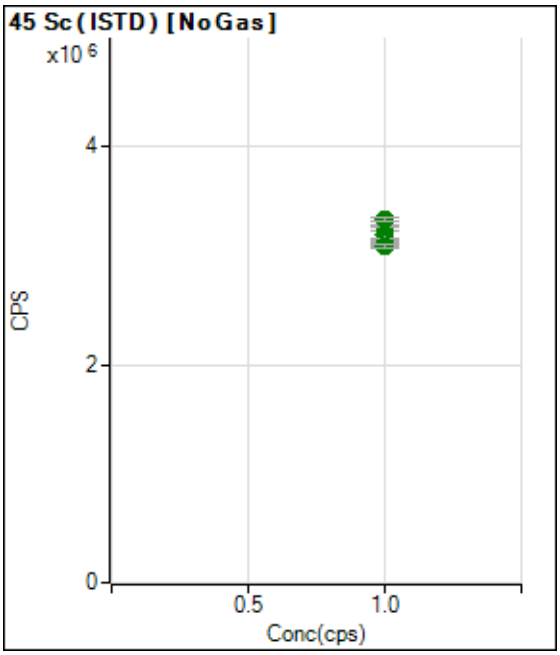
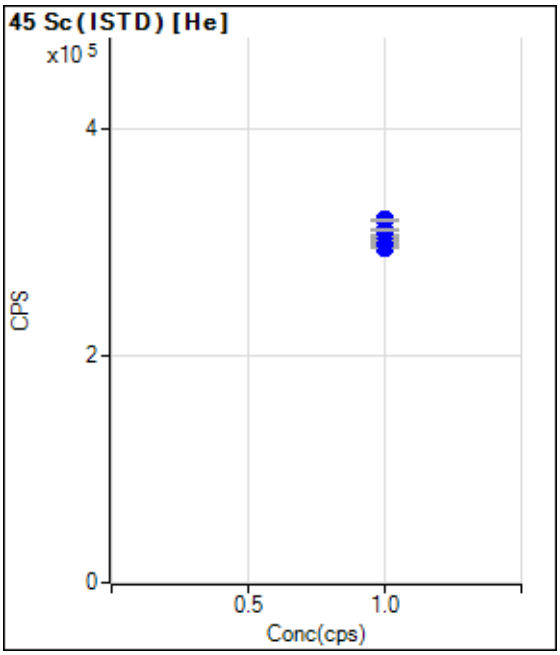
1	☐	1.000		440872.75		P	1.9
2	☐	1.000		443208.35		P	1.0
3	☐	1.000		442587.81		P	0.5
4	☐	1.000		448487.68		P	1.7
5	☐	1.000		452975.84		P	1.8
6	☐	1.000		467226.34		P	2.3
7	☐	1.000		503148.23		P	2.0
8	☐	1.000		520261.91		P	1.6

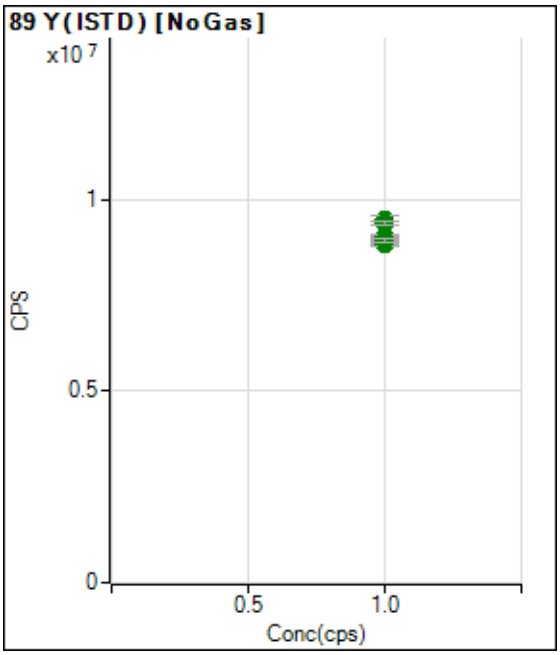


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3117703.88		A	2.8
2	☐	1.000		3104114.95		A	0.9
3	☐	1.000		3126523.36		A	0.5
4	☐	1.000		3155560.33		A	0.5
5	☐	1.000		3190656.06		A	1.8
6	☐	1.000		3088297.84		A	0.8
7	☐	1.000		3271236.58		A	0.3
8	☐	1.000		3327124.47		A	1.0

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

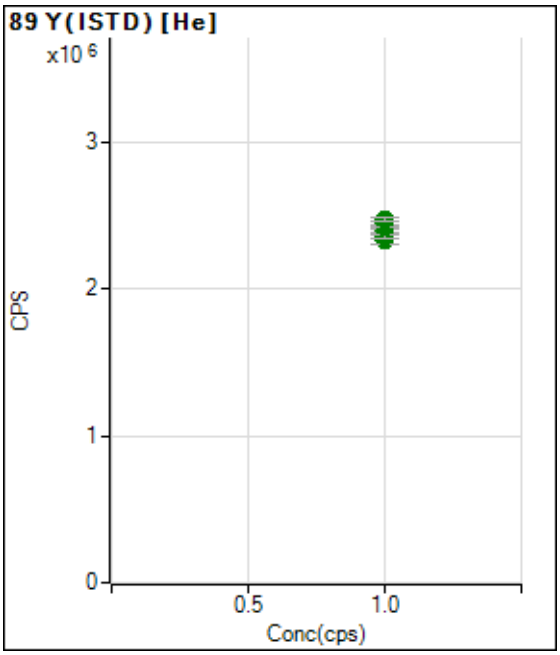


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		299097.54		P	0.4
2	☐	1.000		295194.43		P	0.4
3	☐	1.000		300963.69		P	0.4
4	☐	1.000		300231.54		P	0.3
5	☐	1.000		302329.59		P	0.3
6	☐	1.000		306343.66		P	0.5
7	☐	1.000		310451.31		P	0.8
8	☐	1.000		319548.87		P	0.6

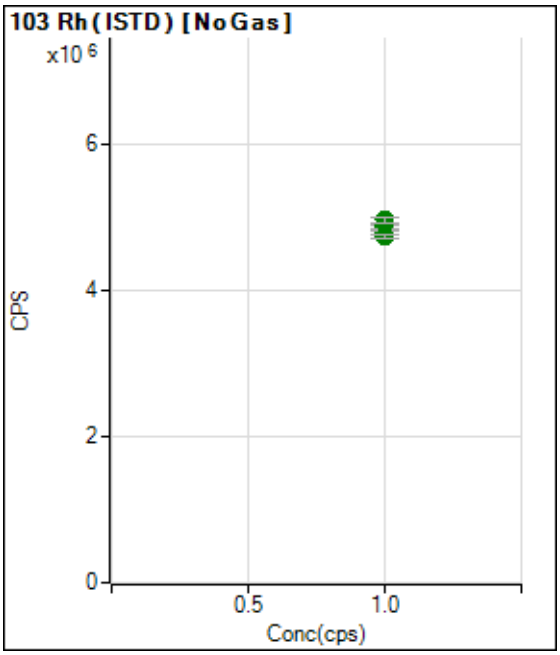


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8876542.16		A	1.2
2	☐	1.000		8825402.79		A	0.8
3	☐	1.000		8825272.37		A	1.0
4	☐	1.000		8959660.63		A	1.1
5	☐	1.000		9023439.31		A	0.8
6	☐	1.000		8941701.19		A	1.3
7	☐	1.000		9461120.90		A	2.3
8	☐	1.000		9376149.44		A	0.6

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

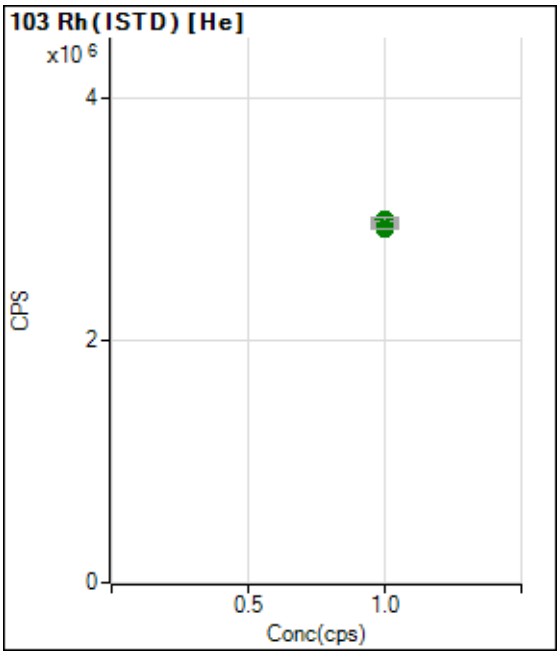


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2371930.09		A	0.5
2	☐	1.000		2322094.88		A	1.6
3	☐	1.000		2357720.17		A	1.0
4	☐	1.000		2393035.77		A	1.0
5	☐	1.000		2351221.13		A	1.2
6	☐	1.000		2420200.31		A	0.5
7	☐	1.000		2439545.38		A	1.8
8	☐	1.000		2466574.08		A	1.1

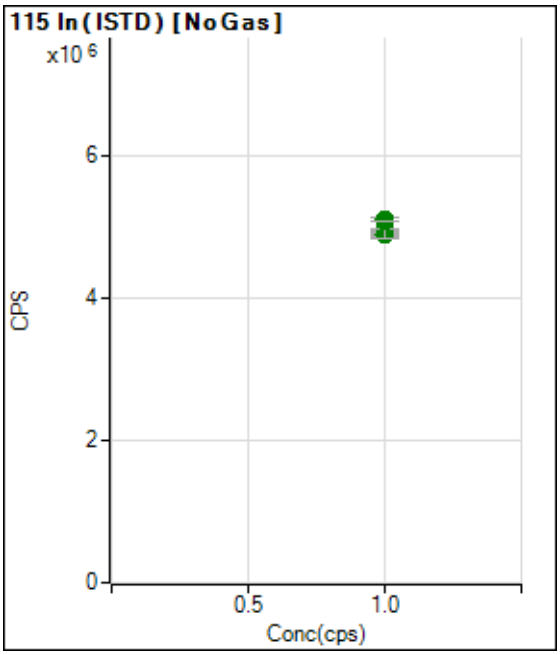


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4880574.48		A	0.9
2	☐	1.000		4794633.16		A	1.1
3	☐	1.000		4799013.58		A	1.2
4	☐	1.000		4821430.28		A	0.4
5	☐	1.000		4893259.48		A	1.2
6	☐	1.000		4769286.53		A	1.8
7	☐	1.000		4973106.77		A	1.7
8	☐	1.000		4743273.16		A	0.7

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2963151.59		A	1.3
2	☐	1.000		2946214.82		A	0.3
3	☐	1.000		2962046.24		A	0.3
4	☐	1.000		2972158.01		A	1.8
5	☐	1.000		2969046.76		A	1.8
6	☐	1.000		2998183.15		A	1.7
7	☐	1.000		2997376.03		A	1.2
8	☐	1.000		2922798.15		A	0.4



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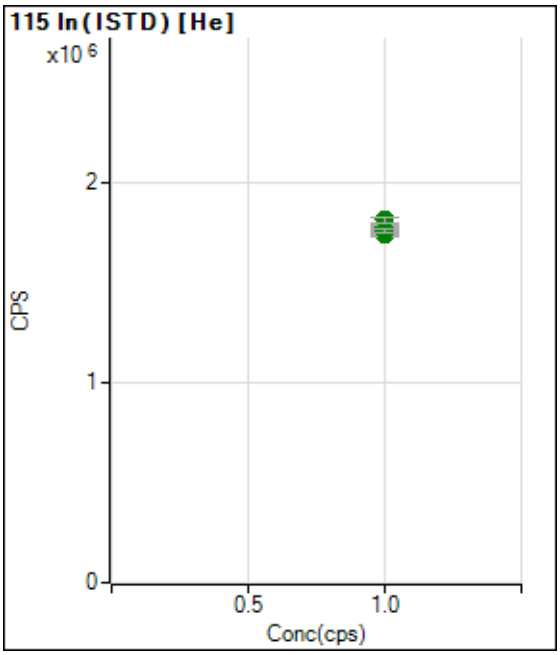
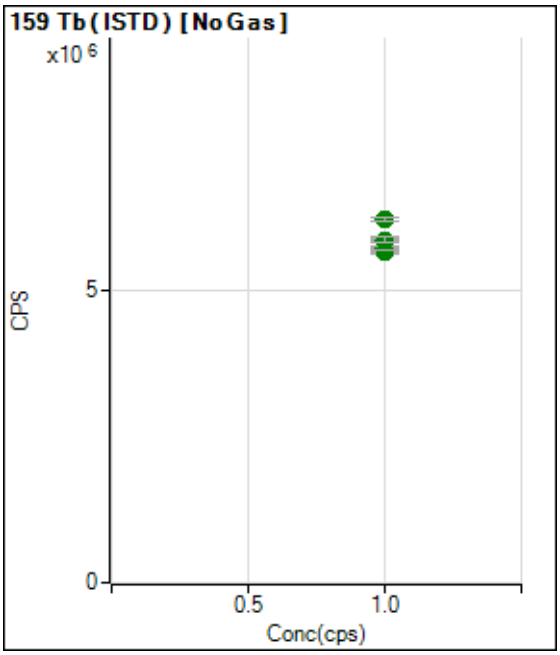
1	☐	1.000		4905505.72		A	0.8
2	☐	1.000		4960346.92		A	0.9
3	☐	1.000		4907435.04		A	0.3
4	☐	1.000		4971073.04		A	0.5
5	☐	1.000		4955137.51		A	0.4
6	☐	1.000		4913390.06		A	2.9
7	☐	1.000		5109722.54		A	1.0
8	☐	1.000		5084556.62		A	0.2

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1779460.61		A	0.6
2	☐	1.000		1748687.00		A	1.9
3	☐	1.000		1739683.46		A	0.5
4	☐	1.000		1769849.15		A	2.7
5	☐	1.000		1779772.34		A	1.0
6	☐	1.000		1794787.44		A	0.5
7	☐	1.000		1761406.39		A	1.3
8	☐	1.000		1817388.52		A	1.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5675197.90		A	0.5
2	☐	1.000		5682345.68		A	2.0
3	☐	1.000		5703369.78		A	1.0
4	☐	1.000		5743633.87		A	1.1
5	☐	1.000		5874340.61		A	0.5
6	☐	1.000		5882846.51		A	1.4
7	☐	1.000		6221865.33		A	1.2
8	☐	1.000		6223398.86		A	1.2

Reviewed By:Mohan
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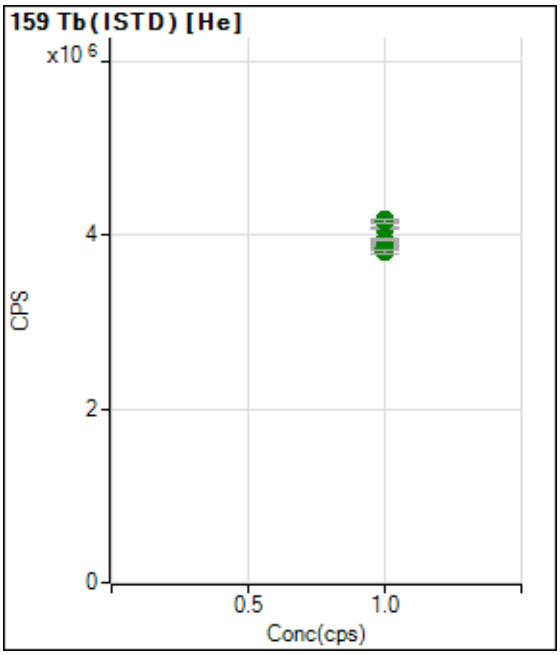
Inst Id :P7



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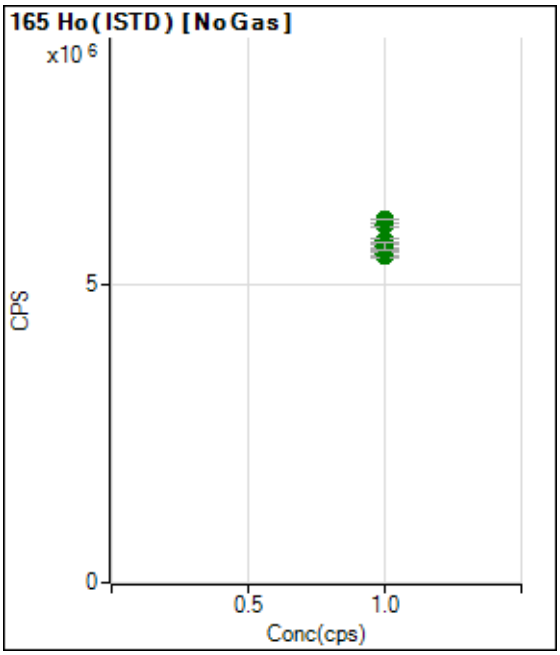
1	☐	1.000		3836604.21		A	0.2
2	☐	1.000		3847976.85		A	1.5
3	☐	1.000		3903782.06		A	0.3
4	☐	1.000		3800464.77		A	0.9
5	☐	1.000		3944935.01		A	0.7
6	☐	1.000		4073826.54		A	0.8
7	☐	1.000		4171923.89		A	0.7
8	☐	1.000		4164337.99		A	0.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5492844.50		A	1.4
2	☐	1.000		5460869.43		A	0.7
3	☐	1.000		5493219.43		A	1.3
4	☐	1.000		5581538.18		A	1.0
5	☐	1.000		5721575.13		A	1.8
6	☐	1.000		5631705.75		A	2.4
7	☐	1.000		5988825.54		A	1.3
8	☐	1.000		6075632.13		A	0.1

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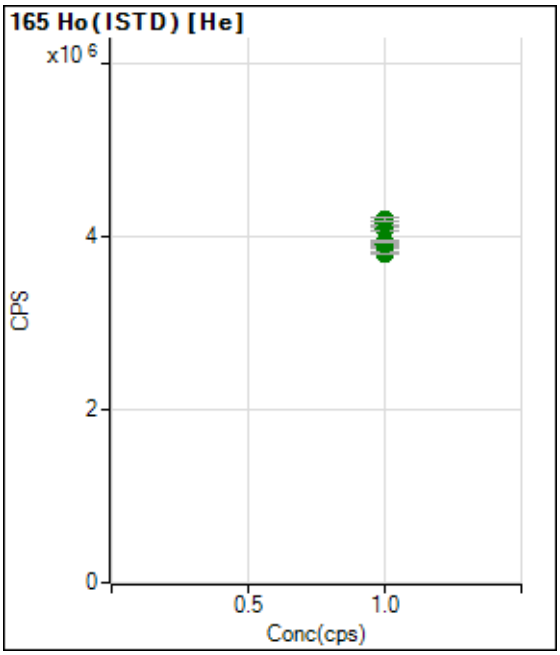
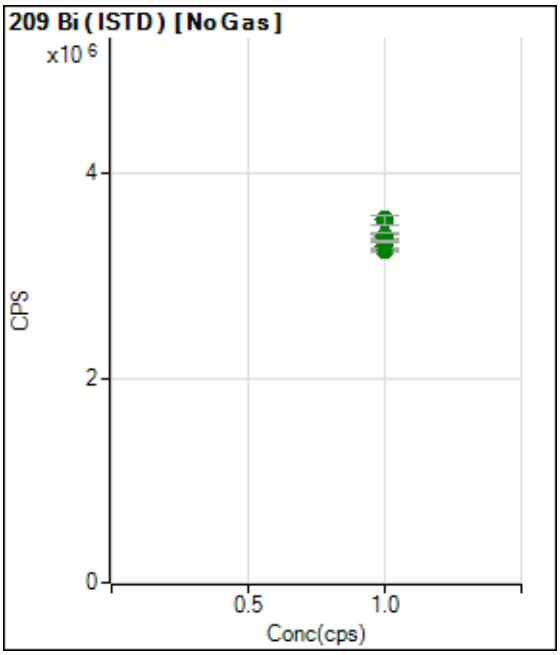
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3870271.89		A	0.4
2	☐	1.000		3807065.40		A	0.6
3	☐	1.000		3927263.90		A	0.9
4	☐	1.000		3912909.42		A	1.3
5	☐	1.000		3943696.23		A	0.6
6	☐	1.000		4086223.86		A	0.9
7	☐	1.000		4164712.61		A	1.3
8	☐	1.000		4197202.33		A	1.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3260622.90		A	1.0
2	☐	1.000		3247643.18		A	0.6
3	☐	1.000		3294525.64		A	1.5
4	☐	1.000		3373444.81		A	1.6
5	☐	1.000		3379285.99		A	1.1
6	☐	1.000		3375817.38		A	2.7
7	☐	1.000		3546468.80		A	2.5
8	☐	1.000		3333180.47		A	0.6

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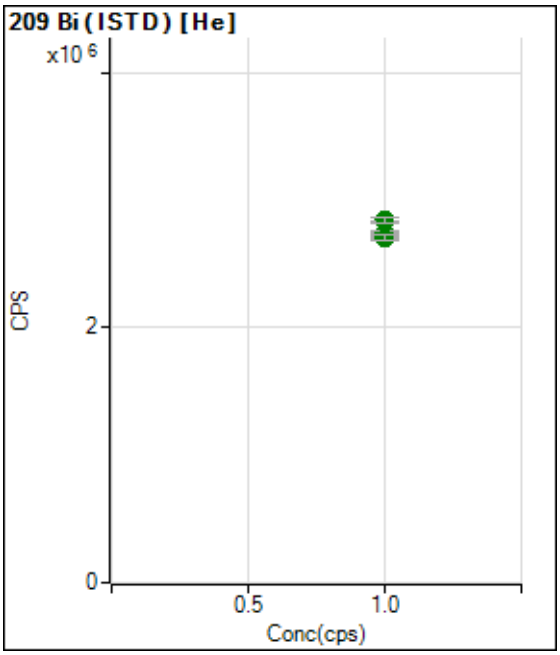


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2729903.07		A	0.9
2	☐	1.000		2702900.01		A	0.3
3	☐	1.000		2711632.20		A	2.1
4	☐	1.000		2747149.30		A	1.5
5	☐	1.000		2751749.33		A	1.0
6	☐	1.000		2834230.09		A	0.2
7	☐	1.000		2847356.97		A	1.5
8	☐	1.000		2704741.97		A	1.4

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7
ClientSampleId :TUNE006

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7102924 MS.b
Acq. Date-Time	2024-10-29 17:38:47
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		4673	46728.70			1.438	5.000
24		161031	1610314.63			1.647	5.000
25		21990	219896.45			1.539	5.000
26		26247	262467.98			2.090	5.000
59		44586	445858.69			2.008	5.000
113		3138	31378.06			2.085	5.000
115		70726	707263.05			2.096	5.000
206		11791	117905.32			2.122	5.000
207		9809	98085.49			1.792	5.000
208		23901	239011.79			1.937	5.000
220		1	11.50			13.401	

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	4696	4708	4564	4738	4659
24	161088	160172	157059	163740	163099
25	21953	22017	21442	22297	22239
26	26271	26291	25362	26862	26448
59	44888	44606	43085	45466	44884
113	3207	3150	3034	3173	3124
115	72134	71312	68520	71721	69945
206	12049	11875	11404	11926	11699
207	9953	9879	9539	9945	9727
208	24290	24204	23152	24090	23769

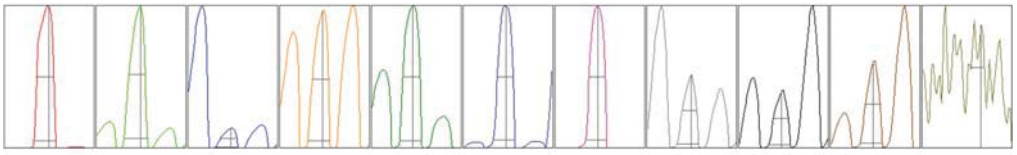
Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7
ClientSampleId :TUNE006

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	8526.44	9.00	8.90 - 9.10	
24	308368.66	24.00	23.90 - 24.10	
25	41347.02	24.95	24.90 - 25.10	
26	49250.83	25.95	25.90 - 26.10	
59	79733.18	58.90	58.90 - 59.10	
113	6055.18	112.95	112.90 - 113.10	
115	135710.38	114.95	114.90 - 115.10	
206	25103.14	206.00	205.90 - 206.10	
207	20150.00	206.95	206.90 - 207.10	
208	49877.89	207.95	207.90 - 208.10	
220	1.45	220.50	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.733	0.900	
24	0.56	0.786	0.900	
25	0.55	0.737	0.900	
26	0.55	0.739	0.900	
59	0.60	0.738	0.900	
113	0.53	0.735	0.900	
115	0.54	0.719	0.900	
206	0.49	0.724	0.900	
207	0.50	0.730	0.900	
208	0.49	0.736	0.900	
220	0.44			

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:10/29/2024 8:26:44 PM
Inst Id :P7
ClientSampleId :TUNE006

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	10.3 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		17017	170165.36			0.582	
89		84104	841038.59			0.617	
205		17107	171074.94			0.627	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	17123	17020	16970	17093	16876
89	84067	84319	83838	83457	84838
205	17084	17245	16960	17170	17079

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	10.1 V	Deflect	4.0 V

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7
ClientSampleId :TUNE006

US EPA Tune Check Report

Extract 2	-245.0 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
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:13:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	-0.10	-0.06	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.01	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	-0.07	0.10	-0.04	0.00	N/A	ppb
Cadmium	106-1	-0.54	0.64	-0.10	0.00	N/A	ppb
Cadmium	111-1	-0.04	0.04	0.00	0.00	N/A	ppb
Calcium	43-1	-0.49	3.07	-2.59	0.00	N/A	ppb
Calcium	44-1	3.12	-2.23	-0.89	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	0.01	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	0.05	-0.07	0.02	0.00	N/A	ppb
Iron	57-2	-2.06	1.12	0.94	0.00	N/A	ppb
Iron	54-2	-0.15	0.47	-0.32	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:13:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.01	-0.01	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	0.15	-0.08	-0.07	0.00	N/A	ppb
Manganese	55-2	-0.03	0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	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	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-10.67	-12.61	-13.15	-12.15		ppb
Potassium	39-2	1.14	0.24	-1.39	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.15	-0.48	0.33	0.00	N/A	ppb
Selenium	77-2	0.12	-0.24	0.12	0.00	N/A	ppb
Selenium	78-2	-0.61	0.81	-0.20	0.00	N/A	ppb
Silicon	28-1	1.22	-0.60	-0.62	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	0.34	0.54	-0.89	0.00	N/A	ppb
Strontium	86-1	0.04	-0.03	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	302.87	-85.40	-179.74	12.58	2033.66	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.02	-0.01	0.00	N/A	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:13:02	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	0.02	0.01	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
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:19:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.17	17.17	18.90	18.41	5.90	ppb
Antimony	121-1	1.90	1.93	1.84	1.89	2.47	ppb
Arsenic	75-2	0.77	1.06	1.06	0.97	17.24	ppb
Barium	135-1	9.07	8.97	8.69	8.91	2.19	ppb
Barium	137-1	8.95	8.84	8.66	8.82	1.66	ppb
Beryllium	9-1	0.92	1.04	1.00	0.99	6.31	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.74	0.98	1.05	0.92	17.52	ppb
Cadmium	106-1	1.38	0.72	0.35	0.81	64.12	ppb
Cadmium	111-1	0.97	1.06	1.06	1.03	4.87	ppb
Calcium	43-1	494.11	508.84	495.85	499.60	1.61	ppb
Calcium	44-1	492.02	505.97	499.14	499.04	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	1.98	1.93	1.98	2.94	ppb
Cobalt	59-2	1.03	0.98	0.99	1.00	2.83	ppb
Copper	63-2	1.77	1.94	1.86	1.86	4.72	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				99		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	51.43	51.88	52.10	51.80	0.66	ppb
Iron	57-2	51.69	60.69	54.91	55.76	8.18	ppb
Iron	54-2	51.70	53.35	53.21	52.75	1.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:19:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.81	0.79	0.82	0.81	1.70	ppb
Lead	207-1	0.75	0.80	0.83	0.79	4.85	ppb
Lead	208-1	0.77	0.81	0.83	0.81	3.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	524.02	527.01	522.27	524.44	0.46	ppb
Manganese	55-2	0.96	0.99	0.96	0.97	1.80	ppb
Molybdenum	94-1	4.90	5.19	5.01	5.03	2.94	ppb
Molybdenum	95-1	3.98	4.18	4.37	4.18	4.61	ppb
Molybdenum	96-1	4.20	4.30	4.38	4.29	2.09	ppb
Molybdenum	97-1	4.35	4.12	4.26	4.24	2.63	ppb
Molybdenum	98-1	4.09	4.31	4.25	4.22	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.04	1.15	1.12	6.69	ppb
Phosphorus	31-2	9.96	5.53	20.95	12.15	65.35	ppb
Potassium	39-2	499.89	502.69	496.33	499.63	0.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	5.03	4.85	5.52	5.14	6.77	ppb
Selenium	77-2	3.47	3.73	4.82	4.00	17.86	ppb
Selenium	78-2	5.91	6.50	4.55	5.65	17.62	ppb
Silicon	28-1	2.11	2.13	1.23	1.82	28.25	ppb
Silver	107-1	0.87	0.88	0.86	0.87	0.73	ppb
Silver	109-1	0.88	0.92	0.90	0.90	1.74	ppb
Sodium	23-2	506.36	503.40	500.81	503.53	0.55	ppb
Strontium	86-1	0.91	0.90	0.95	0.92	2.93	ppb
Strontium	88-1	0.91	0.93	0.97	0.94	3.21	ppb
Sulfur	34-1	63.85	40.84	-142.43	-12.58		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.84	0.87	0.86	0.85	1.91	ppb
Thallium	205-1	0.79	0.83	0.86	0.83	4.24	ppb
Tin	118-1	4.43	4.41	4.32	4.39	1.29	ppb
Titanium	47-1	4.23	4.38	4.25	4.28	1.85	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:19:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.75	0.80	0.78	3.36	ppb
Vanadium	51-2	4.94	4.98	4.90	4.94	0.85	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	4.24	4.44	4.80	4.49	6.34	ppb
Zirconium	90-1	0.91	0.92	0.95	0.93	1.90	ppb
Zirconium	91-1	0.92	0.90	0.94	0.92	2.22	ppb

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LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:22:54	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1004.54	1006.70	1005.96	1005.73	0.11	ppb
Antimony	121-1	47.10	49.15	49.10	48.45	2.41	ppb
Arsenic	75-2	51.38	50.99	49.45	50.61	2.02	ppb
Barium	135-1	232.51	240.63	240.60	237.91	1.97	ppb
Barium	137-1	234.27	241.69	240.33	238.76	1.66	ppb
Beryllium	9-1	52.27	52.43	52.31	52.33	0.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	51.13	50.50	53.53	51.72	3.09	ppb
Cadmium	106-1	52.27	51.60	53.97	52.61	2.33	ppb
Cadmium	111-1	51.83	53.54	52.77	52.71	1.63	ppb
Calcium	43-1	5782.89	5858.27	5947.64	5862.94	1.41	ppb
Calcium	44-1	5335.07	5447.86	5400.63	5394.52	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.37	51.35	50.27	50.99	1.24	ppb
Cobalt	59-2	50.78	50.49	50.51	50.59	0.31	ppb
Copper	63-2	518.25	519.97	509.17	515.80	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	2645.55	2629.39	2608.89	2627.94	0.70	ppb
Iron	57-2	2690.12	2659.95	2655.17	2668.41	0.71	ppb
Iron	54-2	2767.80	2741.86	2733.81	2747.82	0.65	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:22:54	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	220.78	215.80	221.93	219.50	1.48	ppb
Lead	207-1	216.24	213.03	219.68	216.32	1.54	ppb
Lead	208-1	233.63	233.77	236.87	234.75	0.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	5089.22	5072.09	4915.87	5025.73	1.90	ppb
Manganese	55-2	506.84	505.36	506.14	506.11	0.15	ppb
Molybdenum	94-1	489.23	491.89	498.03	493.05	0.92	ppb
Molybdenum	95-1	507.80	502.12	505.22	505.05	0.56	ppb
Molybdenum	96-1	501.49	499.16	509.31	503.32	1.06	ppb
Molybdenum	97-1	487.25	479.74	501.58	489.52	2.27	ppb
Molybdenum	98-1	509.03	497.02	509.68	505.24	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.55	51.48	52.01	52.01	1.02	ppb
Phosphorus	31-2	980.47	989.94	1005.13	991.85	1.25	ppb
Potassium	39-2	2660.63	2644.89	2632.14	2645.89	0.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	51.21	51.74	53.62	52.19	2.42	ppb
Selenium	77-2	50.45	53.48	46.59	50.17	6.88	ppb
Selenium	78-2	52.55	52.84	51.36	52.25	1.50	ppb
Silicon	28-1	52.47	54.10	54.67	53.75	2.13	ppb
Silver	107-1	48.80	50.31	50.69	49.94	2.00	ppb
Silver	109-1	48.52	50.90	49.91	49.78	2.40	ppb
Sodium	23-2	5121.30	5089.46	5101.07	5103.94	0.32	ppb
Strontium	86-1	1266.73	1265.37	1278.43	1270.17	0.57	ppb
Strontium	88-1	1256.03	1263.73	1274.94	1264.90	0.75	ppb
Sulfur	34-1	934.41	1036.92	863.94	945.09	9.20	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	43.55	42.97	44.11	43.54	1.31	ppb
Thallium	205-1	43.86	42.98	43.89	43.58	1.19	ppb
Tin	118-1	47.64	49.73	49.20	48.86	2.23	ppb
Titanium	47-1	495.96	505.73	503.79	501.82	1.03	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:22:54	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.06	41.36	42.64	42.02	1.52	ppb
Vanadium	51-2	51.05	50.27	50.61	50.64	0.77	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	499.12	500.93	499.41	499.82	0.19	ppb
Zirconium	90-1	49.76	48.81	50.28	49.61	1.50	ppb
Zirconium	91-1	49.29	48.60	49.81	49.23	1.23	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:26:02	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2508.01	2453.36	2495.09	2485.48	1.15	ppb
Antimony	121-1	120.19	121.33	121.96	121.16	0.74	ppb
Arsenic	75-2	122.71	123.83	123.09	123.21	0.46	ppb
Barium	135-1	594.05	592.29	592.74	593.03	0.15	ppb
Barium	137-1	585.52	596.45	593.44	591.81	0.95	ppb
Beryllium	9-1	128.03	125.33	129.49	127.62	1.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	127.30	127.50	131.88	128.89	2.01	ppb
Cadmium	106-1	130.39	130.07	131.52	130.66	0.58	ppb
Cadmium	111-1	128.94	129.91	130.90	129.92	0.75	ppb
Calcium	43-1	14247.30	14523.66	14789.53	14520.16	1.87	ppb
Calcium	44-1	13060.84	13354.97	13463.78	13293.19	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.51	127.47	126.04	127.34	0.97	ppb
Cobalt	59-2	124.71	125.62	124.71	125.01	0.42	ppb
Copper	63-2	1319.40	1308.67	1316.37	1314.81	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	6653.76	6482.17	6588.84	6574.93	1.32	ppb
Iron	57-2	6778.70	6717.14	6754.67	6750.17	0.46	ppb
Iron	54-2	6776.32	6759.30	6798.84	6778.15	0.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:26:02	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	620.18	610.87	618.31	616.45	0.80	ppb
Lead	207-1	617.42	611.47	614.66	614.52	0.48	ppb
Lead	208-1	623.18	610.21	617.58	616.99	1.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	12425.89	12544.66	12425.64	12465.40	0.55	ppb
Manganese	55-2	1282.53	1262.34	1305.21	1283.36	1.67	ppb
Molybdenum	94-1	1232.28	1249.01	1246.25	1242.51	0.72	ppb
Molybdenum	95-1	1226.90	1247.11	1245.63	1239.88	0.91	ppb
Molybdenum	96-1	1231.55	1250.17	1246.28	1242.67	0.79	ppb
Molybdenum	97-1	1230.30	1252.51	1232.56	1238.46	0.99	ppb
Molybdenum	98-1	1237.63	1238.00	1246.92	1240.85	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.18	128.96	131.35	130.83	1.28	ppb
Phosphorus	31-2	2531.62	2569.18	2598.57	2566.46	1.31	ppb
Potassium	39-2	6265.99	6275.42	6165.07	6235.49	0.98	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	127.10	128.30	129.06	128.15	0.77	ppb
Selenium	77-2	115.64	129.73	147.48	130.95	12.18	ppb
Selenium	78-2	125.67	133.37	125.17	128.07	3.59	ppb
Silicon	28-1	133.95	136.80	144.47	138.40	3.93	ppb
Silver	107-1	123.33	124.21	123.86	123.80	0.36	ppb
Silver	109-1	122.98	123.81	122.30	123.03	0.62	ppb
Sodium	23-2	12612.91	12632.38	12559.55	12601.61	0.30	ppb
Strontium	86-1	3130.67	3124.47	3136.14	3130.43	0.19	ppb
Strontium	88-1	3081.90	3106.41	3111.22	3099.84	0.51	ppb
Sulfur	34-1	2289.33	2169.39	2309.99	2256.23	3.36	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	107.12	106.59	107.34	107.02	0.36	ppb
Thallium	205-1	107.43	106.86	106.53	106.94	0.43	ppb
Tin	118-1	119.80	121.40	119.97	120.39	0.73	ppb
Titanium	47-1	1219.09	1241.52	1248.56	1236.39	1.24	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:26:02	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	102.80	102.70	103.67	103.06	0.52	ppb
Vanadium	51-2	128.24	126.72	128.18	127.71	0.67	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	1258.42	1254.07	1238.73	1250.41	0.83	ppb
Zirconium	90-1	121.15	122.43	122.76	122.11	0.70	ppb
Zirconium	91-1	121.13	122.28	122.48	121.96	0.60	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:29:01	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4986.78	4981.69	4908.94	4959.14	0.88	ppb
Antimony	121-1	232.77	239.64	243.48	238.63	2.27	ppb
Arsenic	75-2	254.88	251.01	254.04	253.31	0.80	ppb
Barium	135-1	1244.12	1246.83	1283.87	1258.27	1.77	ppb
Barium	137-1	1242.45	1254.52	1290.92	1262.63	2.00	ppb
Beryllium	9-1	255.68	252.34	259.94	255.99	1.49	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	254.28	252.75	259.57	255.53	1.40	ppb
Cadmium	106-1	251.18	250.38	257.27	252.95	1.49	ppb
Cadmium	111-1	250.12	256.13	260.38	255.55	2.02	ppb
Calcium	43-1	28891.39	28620.84	29222.75	28911.66	1.04	ppb
Calcium	44-1	26036.12	26476.15	26862.19	26458.15	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	251.79	250.97	251.31	251.36	0.16	ppb
Cobalt	59-2	250.64	250.22	248.54	249.80	0.45	ppb
Copper	63-2	2549.95	2578.93	2511.95	2546.94	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	13064.34	13054.39	12989.77	13036.17	0.31	ppb
Iron	57-2	13268.31	13243.33	13137.02	13216.22	0.53	ppb
Iron	54-2	13184.37	13475.47	13194.89	13284.91	1.24	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:29:01	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1243.54	1238.30	1263.15	1248.33	1.05	ppb
Lead	207-1	1237.22	1230.93	1266.95	1245.03	1.54	ppb
Lead	208-1	1230.32	1234.51	1264.32	1243.05	1.49	ppb
Lithium	6-1				103		%
Magnesium	24-2	25249.55	24601.76	24735.09	24862.14	1.38	ppb
Manganese	55-2	2524.29	2533.70	2502.76	2520.25	0.63	ppb
Molybdenum	94-1	2430.44	2547.50	2484.55	2487.50	2.36	ppb
Molybdenum	95-1	2419.88	2489.71	2502.57	2470.72	1.80	ppb
Molybdenum	96-1	2421.70	2539.14	2497.92	2486.25	2.40	ppb
Molybdenum	97-1	2412.02	2519.42	2460.54	2463.99	2.18	ppb
Molybdenum	98-1	2454.43	2516.42	2496.45	2489.10	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.39	261.40	255.11	257.96	1.23	ppb
Phosphorus	31-2	5098.73	5077.78	5042.30	5072.93	0.56	ppb
Potassium	39-2	12570.88	12201.43	12356.11	12376.14	1.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	248.61	258.80	254.79	254.07	2.02	ppb
Selenium	77-2	247.70	280.72	266.05	264.82	6.25	ppb
Selenium	78-2	254.31	253.40	256.05	254.59	0.53	ppb
Silicon	28-1	262.67	257.04	269.26	262.99	2.32	ppb
Silver	107-1	250.22	254.74	261.81	255.59	2.28	ppb
Silver	109-1	251.75	257.15	262.16	257.02	2.02	ppb
Sodium	23-2	25729.75	25422.61	25135.07	25429.14	1.17	ppb
Strontium	86-1	6212.26	6376.96	6288.13	6292.45	1.31	ppb
Strontium	88-1	6121.34	6309.63	6295.50	6242.16	1.68	ppb
Sulfur	34-1	4695.83	4339.44	4762.09	4599.12	4.94	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	211.42	215.29	220.27	215.66	2.06	ppb
Thallium	205-1	248.02	251.71	251.24	250.33	0.80	ppb
Tin	118-1	234.11	238.51	244.28	238.97	2.13	ppb
Titanium	47-1	2460.67	2458.36	2501.51	2473.51	0.98	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:29:01	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	240.62	243.79	247.98	244.13	1.51	ppb
Vanadium	51-2	254.06	252.92	252.97	253.31	0.26	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	2471.00	2473.83	2452.06	2465.63	0.48	ppb
Zirconium	90-1	244.69	251.30	247.84	247.94	1.33	ppb
Zirconium	91-1	238.17	247.34	244.04	243.19	1.91	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:31:54	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9769.74	9735.42	9677.38	9727.51	0.48	ppb
Antimony	121-1	503.12	527.56	520.53	517.07	2.43	ppb
Arsenic	75-2	496.69	500.87	495.88	497.81	0.54	ppb
Barium	135-1	2518.75	2642.34	2582.86	2581.32	2.39	ppb
Barium	137-1	2487.65	2635.49	2505.71	2542.95	3.17	ppb
Beryllium	9-1	489.26	521.71	501.92	504.30	3.24	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	499.80	521.52	503.05	508.12	2.31	ppb
Cadmium	106-1	502.94	522.95	513.87	513.25	1.95	ppb
Cadmium	111-1	503.41	532.37	512.40	516.06	2.87	ppb
Calcium	43-1	58534.12	60982.46	60484.33	60000.30	2.16	ppb
Calcium	44-1	52872.03	55720.60	55447.00	54679.88	2.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.14	497.32	498.47	496.31	0.56	ppb
Cobalt	59-2	506.92	502.93	502.74	504.20	0.47	ppb
Copper	63-2	5024.46	5090.88	5034.63	5049.99	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	25976.48	25848.10	25768.39	25864.32	0.41	ppb
Iron	57-2	25595.81	25843.36	25241.04	25560.07	1.18	ppb
Iron	54-2	26332.82	26320.78	26292.30	26315.30	0.08	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:31:54	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2445.40	2680.13	2559.87	2561.80	4.58	ppb
Lead	207-1	2433.49	2603.65	2546.36	2527.83	3.43	ppb
Lead	208-1	2429.20	2622.84	2555.45	2535.83	3.88	ppb
Lithium	6-1				106		%
Magnesium	24-2	49474.94	49543.24	49554.66	49524.28	0.09	ppb
Manganese	55-2	4959.01	5011.68	5050.85	5007.18	0.92	ppb
Molybdenum	94-1	4913.13	5226.17	5126.25	5088.52	3.14	ppb
Molybdenum	95-1	4926.27	5250.77	5118.64	5098.56	3.20	ppb
Molybdenum	96-1	4934.03	5249.72	5150.58	5111.44	3.16	ppb
Molybdenum	97-1	4866.47	5222.56	5171.43	5086.82	3.78	ppb
Molybdenum	98-1	4917.05	5260.54	5213.06	5130.22	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.06	507.22	506.38	505.55	0.44	ppb
Phosphorus	31-2	9923.53	9772.88	10040.05	9912.15	1.35	ppb
Potassium	39-2	24576.15	24484.59	24779.65	24613.46	0.61	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	495.96	528.31	513.23	512.50	3.16	ppb
Selenium	77-2	464.43	501.17	483.28	482.96	3.80	ppb
Selenium	78-2	504.40	491.43	507.81	501.21	1.72	ppb
Silicon	28-1	516.94	536.94	546.87	533.58	2.86	ppb
Silver	107-1	504.26	521.19	513.49	512.98	1.65	ppb
Silver	109-1	506.42	531.56	510.11	516.03	2.63	ppb
Sodium	23-2	50037.06	50407.71	50690.40	50378.39	0.65	ppb
Strontium	86-1	12339.15	12992.97	12936.26	12756.13	2.84	ppb
Strontium	88-1	12210.91	13003.76	12973.38	12729.35	3.53	ppb
Sulfur	34-1	10124.29	10647.79	10457.93	10410.00	2.55	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	490.07	531.64	518.97	513.56	4.15	ppb
Thallium	205-1	486.98	530.37	509.40	508.91	4.26	ppb
Tin	118-1	516.07	527.83	526.74	523.54	1.24	ppb
Titanium	47-1	5015.31	5249.96	5225.69	5163.65	2.50	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:31:54	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	486.43	521.11	504.97	504.17	3.44	ppb
Vanadium	51-2	503.96	503.39	494.00	500.45	1.12	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	4982.62	5060.70	5004.39	5015.90	0.80	ppb
Zirconium	90-1	492.96	526.23	516.78	511.99	3.35	ppb
Zirconium	91-1	485.17	513.90	505.47	501.51	2.94	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:34:39	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19402.58	19395.35	19710.83	19502.92	0.92	ppb
Antimony	121-1	1002.61	993.16	988.83	994.87	0.71	ppb
Arsenic	75-2	987.26	995.53	1018.58	1000.46	1.62	ppb
Barium	135-1	4939.72	4961.66	4984.25	4961.88	0.45	ppb
Barium	137-1	4950.93	5015.12	4974.19	4980.08	0.65	ppb
Beryllium	9-1	1006.97	989.20	991.56	995.91	0.97	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	992.57	988.49	1000.89	993.98	0.64	ppb
Cadmium	106-1	998.16	995.03	982.21	991.80	0.85	ppb
Cadmium	111-1	994.44	986.48	988.59	989.83	0.42	ppb
Calcium	43-1	113432.38	115335.02	113923.33	114230.24	0.86	ppb
Calcium	44-1	105460.06	106478.08	106868.04	106268.73	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1000.07	999.73	1003.70	1001.16	0.22	ppb
Cobalt	59-2	996.12	991.61	1006.03	997.92	0.74	ppb
Copper	63-2	9918.60	9919.17	10025.36	9954.38	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				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	51142.74	51505.69	52196.40	51614.94	1.04	ppb
Iron	57-2	51251.72	51227.11	52000.78	51493.20	0.85	ppb
Iron	54-2	51721.99	51602.43	52107.80	51810.74	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:34:39	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5026.73	4923.00	4966.61	4972.11	1.05	ppb
Lead	207-1	5056.56	4960.91	4953.49	4990.32	1.15	ppb
Lead	208-1	5049.68	4951.15	4955.93	4985.59	1.11	ppb
Lithium	6-1				114		%
Magnesium	24-2	99049.32	97362.22	99408.70	98606.75	1.11	ppb
Manganese	55-2	9918.21	10008.41	10034.00	9986.87	0.61	ppb
Molybdenum	94-1	10051.02	9849.03	9980.41	9960.15	1.03	ppb
Molybdenum	95-1	10096.58	9797.00	9983.58	9959.05	1.52	ppb
Molybdenum	96-1	10128.39	9683.42	10033.59	9948.47	2.36	ppb
Molybdenum	97-1	10093.85	9755.62	10053.21	9967.56	1.85	ppb
Molybdenum	98-1	10015.92	9852.63	9946.94	9938.50	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.20	986.66	1003.35	994.40	0.85	ppb
Phosphorus	31-2	19969.32	19870.52	20213.53	20017.79	0.88	ppb
Potassium	39-2	48996.12	49089.48	49941.20	49342.27	1.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	1012.20	974.21	990.28	992.23	1.92	ppb
Selenium	77-2	968.52	1025.44	1018.24	1004.07	3.09	ppb
Selenium	78-2	982.16	986.49	1024.60	997.75	2.34	ppb
Silicon	28-1	973.49	990.82	970.23	978.18	1.13	ppb
Silver	107-1	1005.70	975.67	995.42	992.27	1.54	ppb
Silver	109-1	974.12	990.63	1006.71	990.49	1.65	ppb
Sodium	23-2	100475.40	99787.62	101092.30	100451.77	0.65	ppb
Strontium	86-1	25336.17	24336.72	24906.03	24859.64	2.02	ppb
Strontium	88-1	25266.96	24283.79	25118.30	24889.69	2.13	ppb
Sulfur	34-1	19584.03	20279.25	19922.03	19928.44	1.74	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	1022.90	982.44	1007.79	1004.38	2.04	ppb
Thallium	205-1	1013.95	978.86	1001.31	998.04	1.78	ppb
Tin	118-1	990.82	994.58	989.47	991.62	0.27	ppb
Titanium	47-1	9814.19	10005.56	9959.47	9926.41	1.01	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:34:39	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1015.90	987.49	1004.18	1002.52	1.42	ppb
Vanadium	51-2	989.06	1001.82	1004.84	998.57	0.84	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	10006.08	9965.06	10030.65	10000.60	0.33	ppb
Zirconium	90-1	1004.99	983.15	996.56	994.90	1.11	ppb
Zirconium	91-1	1006.43	999.58	998.09	1001.37	0.44	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:37:25	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99796.21	100223.73	100367.10	100129.01	0.30	ppb
Antimony	121-1	0.79	0.79	0.73	0.77	4.90	ppb
Arsenic	75-2	0.75	0.64	0.60	0.66	11.44	ppb
Barium	135-1	1.96	1.95	1.95	1.96	0.23	ppb
Barium	137-1	2.10	2.04	1.96	2.03	3.50	ppb
Beryllium	9-1	0.13	0.17	0.14	0.15	14.11	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.47	0.37	0.52	34.54	ppb
Cadmium	106-1	0.32	1.24	0.23	0.60	93.27	ppb
Cadmium	111-1	0.16	0.21	0.16	0.18	15.63	ppb
Calcium	43-1	481450.01	500826.04	505421.57	495899.20	2.57	ppb
Calcium	44-1	491747.93	498314.58	504482.24	498181.58	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.01	3.09	3.08	3.06	1.32	ppb
Cobalt	59-2	2.62	2.57	2.61	2.60	1.12	ppb
Copper	63-2	2.11	2.20	2.18	2.16	2.25	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				108		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	248759.65	250451.25	249452.20	249554.37	0.34	ppb
Iron	57-2	248780.88	250605.62	249399.55	249595.35	0.37	ppb
Iron	54-2	247692.82	251453.31	249208.05	249451.39	0.76	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:37:25	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.08	1.00	1.09	1.06	4.70	ppb
Lead	207-1	1.05	1.01	1.01	1.02	2.58	ppb
Lead	208-1	1.08	1.03	1.04	1.05	2.46	ppb
Lithium	6-1				118		%
Magnesium	24-2	495250.08	503275.48	502475.53	500333.70	0.88	ppb
Manganese	55-2	5.20	5.04	5.04	5.09	1.79	ppb
Molybdenum	94-1	2.45	2.27	2.21	2.31	5.47	ppb
Molybdenum	95-1	1.51	1.45	1.39	1.45	4.08	ppb
Molybdenum	96-1	2.95	2.80	2.91	2.89	2.76	ppb
Molybdenum	97-1	1.45	1.43	1.44	1.44	0.97	ppb
Molybdenum	98-1	1.40	1.39	1.35	1.38	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.62	4.85	4.67	4.71	2.60	ppb
Phosphorus	31-2	-7.89	-6.08	-1.72	-5.23		ppb
Potassium	39-2	247862.91	250115.25	252547.73	250175.30	0.94	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	1.81	1.74	0.49	1.35	55.03	ppb
Selenium	77-2	0.10	-0.24	0.46	0.11	320.75	ppb
Selenium	78-2	-2.27	-2.12	0.30	-1.37		ppb
Silicon	28-1	3.94	3.78	2.53	3.42	22.62	ppb
Silver	107-1	0.13	0.12	0.10	0.12	10.62	ppb
Silver	109-1	0.11	0.12	0.09	0.11	14.79	ppb
Sodium	23-2	500926.73	500721.71	497891.86	499846.77	0.34	ppb
Strontium	86-1	4.15	3.89	3.92	3.99	3.50	ppb
Strontium	88-1	4.11	3.98	3.94	4.01	2.27	ppb
Sulfur	34-1	-476.31	-129.11	-249.09	-284.84		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.15	0.13	0.11	0.13	16.87	ppb
Thallium	205-1	0.14	0.12	0.11	0.12	10.49	ppb
Tin	118-1	0.47	0.45	0.47	0.46	2.55	ppb
Titanium	47-1	1.28	1.43	1.32	1.34	5.90	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:37:25	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.05	0.05	0.05	9.68	ppb
Vanadium	51-2	0.22	0.20	0.25	0.22	11.67	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	8.83	8.58	9.50	8.97	5.34	ppb
Zirconium	90-1	0.54	0.52	0.53	0.53	1.80	ppb
Zirconium	91-1	0.56	0.57	0.52	0.55	4.30	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:42:33	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	499.49	459.27	485.42	481.39	4.24	ppb
Antimony	121-1	187.76	188.51	190.75	189.01	0.82	ppb
Arsenic	75-2	213.77	194.54	205.78	204.69	4.72	ppb
Barium	135-1	91.14	91.36	92.60	91.70	0.85	ppb
Barium	137-1	90.47	91.61	91.38	91.15	0.66	ppb
Beryllium	9-1	100.80	102.86	102.91	102.19	1.18	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	91.71	94.29	93.92	93.31	1.49	ppb
Cadmium	106-1	93.24	90.00	92.68	91.97	1.88	ppb
Cadmium	111-1	101.71	103.13	103.42	102.75	0.89	ppb
Calcium	43-1	1971.38	1991.10	2033.74	1998.74	1.59	ppb
Calcium	44-1	1981.20	2027.92	2042.41	2017.18	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.59	96.75	103.86	102.73	5.36	ppb
Cobalt	59-2	106.48	95.74	103.85	102.02	5.49	ppb
Copper	63-2	98.85	90.29	95.44	94.86	4.54	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				102		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	2174.68	1951.78	2081.94	2069.47	5.41	ppb
Iron	57-2	2162.61	1949.66	2130.36	2080.88	5.52	ppb
Iron	54-2	2298.74	2041.39	2232.23	2190.79	6.10	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:42:33	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	192.47	192.10	195.55	193.37	0.98	ppb
Lead	207-1	182.14	182.85	185.91	183.63	1.09	ppb
Lead	208-1	186.29	186.50	189.74	187.51	1.03	ppb
Lithium	6-1				105		%
Magnesium	24-2	1292.87	1160.34	1251.15	1234.79	5.49	ppb
Manganese	55-2	106.59	93.91	101.15	100.55	6.33	ppb
Molybdenum	94-1	0.31	0.30	0.28	0.30	4.95	ppb
Molybdenum	95-1	0.10	0.09	0.07	0.09	17.58	ppb
Molybdenum	96-1	0.11	0.12	0.14	0.12	9.33	ppb
Molybdenum	97-1	0.09	0.05	0.05	0.06	35.10	ppb
Molybdenum	98-1	0.07	0.08	0.07	0.07	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.74	99.14	107.03	105.97	6.01	ppb
Phosphorus	31-2	-8.13	-17.62	-11.16	-12.30		ppb
Potassium	39-2	2145.42	1935.05	2091.07	2057.18	5.31	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	209.09	209.32	210.53	209.65	0.37	ppb
Selenium	77-2	213.66	193.04	225.50	210.73	7.79	ppb
Selenium	78-2	226.43	201.65	221.93	216.67	6.09	ppb
Silicon	28-1	-0.62	-0.35	-0.24	-0.40		ppb
Silver	107-1	46.91	47.43	46.87	47.07	0.66	ppb
Silver	109-1	46.69	47.33	46.94	46.99	0.68	ppb
Sodium	23-2	2219.51	1979.92	2147.47	2115.63	5.81	ppb
Strontium	86-1	0.29	0.26	0.32	0.29	11.36	ppb
Strontium	88-1	0.33	0.31	0.32	0.32	2.58	ppb
Sulfur	34-1	-347.65	-244.63	-383.83	-325.37		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	189.56	190.70	193.09	191.12	0.94	ppb
Thallium	205-1	218.41	218.14	221.42	219.32	0.83	ppb
Tin	118-1	0.11	0.13	0.15	0.13	14.20	ppb
Titanium	47-1	0.04	0.02	0.09	0.05	76.29	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:42:33	DataFile Name :	013ICV.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	104.32	93.69	101.46	99.83	5.51	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	203.92	184.88	198.51	195.77	5.01	ppb
Zirconium	90-1	0.13	0.11	0.08	0.10	23.21	ppb
Zirconium	91-1	0.15	0.17	0.15	0.16	6.42	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:45:49	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.02	-0.13	0.01	1235.96	ppb
Antimony	121-1	0.14	0.12	0.14	0.13	5.81	ppb
Arsenic	75-2	0.04	0.04	0.05	0.04	11.27	ppb
Barium	135-1	0.04	0.00	0.00	0.01	187.96	ppb
Barium	137-1	0.01	0.01	0.01	0.01	52.10	ppb
Beryllium	9-1	-0.01	0.01	0.05	0.02	194.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.07	0.07	0.07	1.71	ppb
Cadmium	106-1	0.90	0.91	1.00	0.94	6.16	ppb
Cadmium	111-1	0.08	0.08	0.08	0.08	5.30	ppb
Calcium	43-1	3.35	-1.23	0.66	0.93	247.70	ppb
Calcium	44-1	3.81	0.88	3.07	2.58	58.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.00	0.00		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	227.95	ppb
Copper	63-2	-0.07	-0.09	-0.07	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	1.02	1.30	1.08	1.13	12.92	ppb
Iron	57-2	0.20	5.39	1.35	2.31	117.94	ppb
Iron	54-2	0.66	1.11	0.75	0.84	28.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:45:49	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.04	0.05	25.75	ppb
Lead	207-1	0.07	0.05	0.04	0.06	24.73	ppb
Lead	208-1	0.07	0.06	0.05	0.06	21.23	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.15	2.05	2.19	2.13	3.30	ppb
Manganese	55-2	0.03	0.02	0.01	0.02	54.97	ppb
Molybdenum	94-1	0.08	0.10	0.11	0.09	17.22	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	15.48	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	16.80	ppb
Molybdenum	97-1	0.03	0.01	0.03	0.02	46.20	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	26.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	-0.05	-0.05		ppb
Phosphorus	31-2	-16.02	-18.26	-10.48	-14.92		ppb
Potassium	39-2	3.00	3.27	5.97	4.08	40.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.25	-0.77	0.55	0.01	10617.04	ppb
Selenium	77-2	0.11	0.11	0.11	0.11	0.82	ppb
Selenium	78-2	-0.04	0.83	-0.50	0.10	694.55	ppb
Silicon	28-1	-0.66	-0.22	0.41	-0.15		ppb
Silver	107-1	0.04	0.03	0.02	0.03	29.15	ppb
Silver	109-1	0.03	0.03	0.02	0.03	21.70	ppb
Sodium	23-2	35.61	36.94	34.41	35.65	3.54	ppb
Strontium	86-1	-0.03	0.01	-0.03	-0.02		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-297.75	-262.20	-99.24	-219.73		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.02	0.03	11.59	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	15.32	ppb
Tin	118-1	0.03	0.08	0.11	0.07	54.98	ppb
Titanium	47-1	0.00	0.02	0.03	0.01	111.02	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:45:49	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	128.68	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	0.05	0.09	0.04	0.06	44.21	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	9.05	ppb
Zirconium	91-1	0.05	0.05	0.06	0.05	8.13	ppb

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LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:49:07	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90369.95	90193.70	90768.60	90444.08	0.33	ppb
Antimony	121-1	1.14	1.12	1.14	1.13	0.94	ppb
Arsenic	75-2	0.38	0.33	0.30	0.34	11.16	ppb
Barium	135-1	1.47	1.37	1.22	1.35	9.27	ppb
Barium	137-1	1.36	1.35	1.36	1.36	0.67	ppb
Beryllium	9-1	0.33	0.31	0.28	0.31	7.72	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.44	5.73	5.34	5.83	9.56	ppb
Cadmium	106-1	-0.08	0.29	-0.24	-0.01		ppb
Cadmium	111-1	0.29	0.29	0.30	0.29	1.96	ppb
Calcium	43-1	95583.44	100349.44	98642.26	98191.72	2.46	ppb
Calcium	44-1	96011.64	99598.91	98534.98	98048.51	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.83	19.78	19.55	19.72	0.76	ppb
Cobalt	59-2	1.24	1.23	1.25	1.24	0.85	ppb
Copper	63-2	7.13	7.06	7.08	7.09	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				107		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	102842.49	101420.28	101522.19	101928.32	0.78	ppb
Iron	57-2	100693.91	100768.42	100005.32	100489.22	0.42	ppb
Iron	54-2	101864.90	102018.53	102289.92	102057.78	0.21	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:49:07	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.16	4.28	4.35	4.26	2.24	ppb
Lead	207-1	3.50	3.87	4.02	3.80	7.02	ppb
Lead	208-1	3.82	4.05	4.16	4.01	4.22	ppb
Lithium	6-1				111		%
Magnesium	24-2	98006.17	97204.94	97010.55	97407.22	0.54	ppb
Manganese	55-2	8.71	8.76	8.47	8.65	1.77	ppb
Molybdenum	94-1	1500.31	1478.95	1514.28	1497.85	1.19	ppb
Molybdenum	95-1	1786.02	1778.77	1792.12	1785.64	0.37	ppb
Molybdenum	96-1	1737.63	1743.44	1737.80	1739.62	0.19	ppb
Molybdenum	97-1	1727.01	1762.26	1772.40	1753.89	1.36	ppb
Molybdenum	98-1	1750.81	1793.12	1771.83	1771.92	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.36	5.34	5.62	5.44	2.84	ppb
Phosphorus	31-2	102118.68	101112.30	100366.77	101199.25	0.87	ppb
Potassium	39-2	98087.13	97258.83	96652.89	97332.95	0.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.65	0.30	0.29	0.41	48.99	ppb
Selenium	77-2	0.11	0.11	-0.24	-0.01		ppb
Selenium	78-2	-0.45	-0.48	-0.24	-0.39		ppb
Silicon	28-1	4.67	4.57	3.80	4.35	10.99	ppb
Silver	107-1	0.13	0.09	0.10	0.11	18.91	ppb
Silver	109-1	0.11	0.10	0.11	0.11	8.61	ppb
Sodium	23-2	99322.47	98105.43	99123.23	98850.37	0.66	ppb
Strontium	86-1	33.75	34.68	34.76	34.40	1.63	ppb
Strontium	88-1	33.61	33.62	33.72	33.65	0.18	ppb
Sulfur	34-1	96176.45	100728.92	98821.86	98575.74	2.32	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.15	0.16	0.15	12.07	ppb
Thallium	205-1	0.13	0.15	0.15	0.14	10.26	ppb
Tin	118-1	0.22	0.22	0.23	0.23	3.35	ppb
Titanium	47-1	1802.50	1810.10	1763.40	1792.00	1.40	ppb

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LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:49:07	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	18.15	ppb
Vanadium	51-2	0.19	0.17	0.19	0.19	5.58	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	12.24	12.15	12.32	12.24	0.71	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	2.69	ppb
Zirconium	91-1	0.05	0.06	0.04	0.05	20.02	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:52:10	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89112.92	89210.51	89021.74	89115.06	0.11	ppb
Antimony	121-1	19.44	19.07	19.44	19.32	1.11	ppb
Arsenic	75-2	19.72	20.05	20.65	20.14	2.32	ppb
Barium	135-1	19.40	19.39	19.69	19.49	0.90	ppb
Barium	137-1	18.83	19.00	19.33	19.05	1.33	ppb
Beryllium	9-1	18.90	20.67	21.80	20.46	7.14	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	22.39	21.45	23.85	22.56	5.34	ppb
Cadmium	106-1	17.82	16.63	17.41	17.29	3.48	ppb
Cadmium	111-1	19.73	19.55	19.28	19.52	1.15	ppb
Calcium	43-1	92896.06	98479.28	97143.74	96173.03	3.03	ppb
Calcium	44-1	94137.10	98409.33	97327.07	96624.50	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.93	39.78	39.03	39.25	1.18	ppb
Cobalt	59-2	20.33	20.55	20.53	20.47	0.59	ppb
Copper	63-2	25.60	26.08	25.45	25.71	1.29	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				111		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	99968.75	100034.20	98959.44	99654.13	0.60	ppb
Iron	57-2	99403.69	99884.10	98316.11	99201.30	0.81	ppb
Iron	54-2	100776.84	100941.61	99752.61	100490.35	0.64	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:52:10	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.22	24.41	25.21	24.28	4.11	ppb
Lead	207-1	21.54	23.33	23.07	22.65	4.26	ppb
Lead	208-1	22.25	23.30	23.59	23.05	3.06	ppb
Lithium	6-1				107		%
Magnesium	24-2	95171.72	97376.05	95252.80	95933.53	1.30	ppb
Manganese	55-2	28.57	27.71	27.64	27.97	1.85	ppb
Molybdenum	94-1	1490.75	1462.56	1502.09	1485.13	1.37	ppb
Molybdenum	95-1	1749.87	1754.20	1781.08	1761.72	0.96	ppb
Molybdenum	96-1	1697.29	1730.40	1753.60	1727.10	1.64	ppb
Molybdenum	97-1	1705.51	1761.21	1808.76	1758.50	2.94	ppb
Molybdenum	98-1	1711.49	1753.77	1797.75	1754.34	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.32	25.78	25.60	25.57	0.90	ppb
Phosphorus	31-2	100699.31	100801.69	100722.72	100741.24	0.05	ppb
Potassium	39-2	95987.99	97785.67	96582.36	96785.34	0.95	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	18.91	20.13	19.83	19.62	3.23	ppb
Selenium	77-2	17.90	19.48	18.81	18.73	4.23	ppb
Selenium	78-2	21.80	15.07	16.75	17.87	19.61	ppb
Silicon	28-1	5.48	8.06	8.81	7.45	23.44	ppb
Silver	107-1	17.81	17.41	17.68	17.64	1.15	ppb
Silver	109-1	17.20	17.44	17.31	17.31	0.68	ppb
Sodium	23-2	96257.96	98202.09	97694.77	97384.94	1.04	ppb
Strontium	86-1	33.14	32.74	32.99	32.96	0.61	ppb
Strontium	88-1	33.02	33.44	33.85	33.43	1.25	ppb
Sulfur	34-1	93584.20	101219.70	98760.09	97854.66	3.98	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	18.77	19.92	19.82	19.50	3.25	ppb
Thallium	205-1	19.08	19.68	19.56	19.44	1.64	ppb
Tin	118-1	0.57	0.67	0.68	0.64	9.39	ppb
Titanium	47-1	1752.84	1818.73	1806.52	1792.70	1.96	ppb

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LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:52:10	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.07	0.04	68.41	ppb
Vanadium	51-2	19.59	19.74	19.50	19.61	0.62	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	37.10	35.92	37.43	36.81	2.16	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	38.05	ppb
Zirconium	91-1	0.05	0.02	0.05	0.04	36.74	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:55:16	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50390.42	50077.89	49842.96	50103.76	0.55	ppb
Antimony	121-1	477.21	491.12	507.05	491.79	3.04	ppb
Arsenic	75-2	545.19	546.68	535.49	542.46	1.12	ppb
Barium	135-1	2492.08	2499.97	2515.08	2502.38	0.47	ppb
Barium	137-1	2463.83	2493.49	2546.06	2501.13	1.67	ppb
Beryllium	9-1	512.71	523.82	526.18	520.91	1.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	506.21	509.21	528.26	514.56	2.32	ppb
Cadmium	106-1	500.12	519.39	527.54	515.68	2.73	ppb
Cadmium	111-1	504.65	516.95	525.06	515.55	1.99	ppb
Calcium	43-1	247375.70	256902.11	257755.17	254010.99	2.27	ppb
Calcium	44-1	245524.31	249839.83	253886.49	249750.21	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.77	505.12	488.19	497.03	1.71	ppb
Cobalt	59-2	519.35	520.99	520.06	520.13	0.16	ppb
Copper	63-2	5076.10	5013.30	4983.08	5024.16	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	128241.51	127064.55	125249.31	126851.79	1.19	ppb
Iron	57-2	126609.38	127780.46	124913.38	126434.41	1.14	ppb
Iron	54-2	127016.80	128236.42	125898.37	127050.53	0.92	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:55:16	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2488.49	2596.30	2547.62	2544.13	2.12	ppb
Lead	207-1	2457.30	2561.78	2524.19	2514.42	2.10	ppb
Lead	208-1	2460.34	2553.93	2524.35	2512.87	1.90	ppb
Lithium	6-1				102		%
Magnesium	24-2	251463.65	251492.93	248980.10	250645.56	0.58	ppb
Manganese	55-2	4933.11	4924.49	4833.51	4897.04	1.13	ppb
Molybdenum	94-1	4790.09	5016.93	5065.53	4957.52	2.97	ppb
Molybdenum	95-1	4778.12	4994.51	5030.66	4934.43	2.77	ppb
Molybdenum	96-1	4781.90	4922.62	5008.44	4904.32	2.33	ppb
Molybdenum	97-1	4833.81	4877.68	4965.45	4892.31	1.37	ppb
Molybdenum	98-1	4886.13	4973.72	5003.74	4954.53	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.90	513.62	509.48	513.67	0.82	ppb
Phosphorus	31-2	10241.48	10204.75	10103.06	10183.10	0.70	ppb
Potassium	39-2	124896.91	125719.54	124837.99	125151.48	0.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	509.89	522.55	524.05	518.83	1.50	ppb
Selenium	77-2	529.00	511.71	516.92	519.21	1.71	ppb
Selenium	78-2	533.33	530.56	531.12	531.67	0.28	ppb
Silicon	28-1	2476.29	2487.04	2544.04	2502.46	1.46	ppb
Silver	107-1	499.40	507.48	517.96	508.28	1.83	ppb
Silver	109-1	505.92	507.38	519.35	510.88	1.44	ppb
Sodium	23-2	251722.20	246932.21	247125.23	248593.21	1.09	ppb
Strontium	86-1	12014.57	12323.19	12525.02	12287.59	2.09	ppb
Strontium	88-1	11880.49	12380.20	12519.83	12260.17	2.74	ppb
Sulfur	34-1	8485.65	8913.72	9168.66	8856.01	3.90	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	493.91	517.50	505.09	505.50	2.33	ppb
Thallium	205-1	498.51	522.78	506.13	509.14	2.44	ppb
Tin	118-1	468.28	487.64	490.63	482.18	2.52	ppb
Titanium	47-1	4915.66	4901.53	5080.87	4966.02	2.01	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:55:16	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	498.83	522.34	520.51	513.90	2.54	ppb
Vanadium	51-2	504.30	511.26	504.94	506.83	0.76	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	5119.13	5198.70	5062.15	5126.66	1.34	ppb
Zirconium	90-1	494.79	512.15	507.29	504.75	1.77	ppb
Zirconium	91-1	481.56	499.33	497.89	492.93	2.00	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:58:02	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.54	4.74	4.43	4.57	3.48	ppb
Antimony	121-1	0.35	0.31	0.32	0.33	7.67	ppb
Arsenic	75-2	0.01	0.04	0.06	0.04	59.11	ppb
Barium	135-1	0.15	0.14	0.16	0.15	7.45	ppb
Barium	137-1	0.18	0.15	0.15	0.16	11.50	ppb
Beryllium	9-1	0.10	0.08	0.06	0.08	23.49	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.03	0.16	0.06	145.93	ppb
Cadmium	106-1	-0.03	1.23	0.94	0.71	92.74	ppb
Cadmium	111-1	0.07	0.15	0.12	0.11	34.90	ppb
Calcium	43-1	32.67	27.84	28.06	29.52	9.24	ppb
Calcium	44-1	34.22	30.97	34.38	33.19	5.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.01	0.00		ppb
Cobalt	59-2	0.03	0.02	0.04	0.03	36.71	ppb
Copper	63-2	0.30	0.26	0.25	0.27	9.79	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				107		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	9.60	9.68	9.79	9.69	0.98	ppb
Iron	57-2	8.19	8.15	10.57	8.97	15.42	ppb
Iron	54-2	8.98	8.64	9.44	9.02	4.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:58:02	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.21	0.21	0.22	3.42	ppb
Lead	207-1	0.21	0.22	0.19	0.20	6.51	ppb
Lead	208-1	0.23	0.20	0.19	0.21	8.54	ppb
Lithium	6-1				100		%
Magnesium	24-2	16.58	16.98	17.06	16.87	1.52	ppb
Manganese	55-2	0.58	0.53	0.55	0.55	4.08	ppb
Molybdenum	94-1	0.63	0.48	0.55	0.55	13.38	ppb
Molybdenum	95-1	0.51	0.42	0.44	0.46	10.54	ppb
Molybdenum	96-1	0.48	0.39	0.43	0.43	9.36	ppb
Molybdenum	97-1	0.48	0.41	0.38	0.42	12.16	ppb
Molybdenum	98-1	0.48	0.40	0.44	0.44	9.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.04	0.03	25.79	ppb
Phosphorus	31-2	-9.22	-18.02	-11.29	-12.84		ppb
Potassium	39-2	26.41	21.74	23.08	23.74	10.13	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.21	0.61	0.80	0.54	56.20	ppb
Selenium	77-2	-0.24	0.10	-0.24	-0.12		ppb
Selenium	78-2	-2.09	0.72	0.63	-0.25		ppb
Silicon	28-1	-1.31	-1.82	-1.58	-1.57		ppb
Silver	107-1	0.07	0.06	0.05	0.06	13.35	ppb
Silver	109-1	0.07	0.06	0.06	0.06	13.12	ppb
Sodium	23-2	74.36	73.97	71.47	73.27	2.14	ppb
Strontium	86-1	0.74	0.62	0.65	0.67	8.73	ppb
Strontium	88-1	0.72	0.64	0.62	0.66	8.31	ppb
Sulfur	34-1	-708.06	-769.25	-732.79	-736.70		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.10	0.10	0.11	23.07	ppb
Thallium	205-1	0.14	0.11	0.11	0.12	13.86	ppb
Tin	118-1	0.18	0.19	0.21	0.19	8.59	ppb
Titanium	47-1	0.42	0.30	0.46	0.39	21.06	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:58:02	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.02	0.02	23.24	ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	14.57	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	1.34	1.38	1.22	1.31	6.44	ppb
Zirconium	90-1	0.13	0.09	0.08	0.10	22.71	ppb
Zirconium	91-1	0.13	0.12	0.11	0.12	9.42	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	PB164339BL	Instrumnet Name :	P7
Client Sample ID :	PBW339	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:01:21	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.86	2.86	2.82	2.84	0.72	ppb
Antimony	121-1	0.10	0.11	0.11	0.11	5.11	ppb
Arsenic	75-2	0.06	0.02	0.03	0.04	47.49	ppb
Barium	135-1	0.08	0.07	0.10	0.08	16.95	ppb
Barium	137-1	0.09	0.08	0.07	0.08	13.75	ppb
Beryllium	9-1	0.05	0.02	0.03	0.04	41.31	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.00	0.06	0.05	97.01	ppb
Cadmium	106-1	-0.03	0.00	0.05	0.01	506.62	ppb
Cadmium	111-1	0.03	0.01	0.06	0.03	71.63	ppb
Calcium	43-1	11.92	12.49	10.76	11.72	7.52	ppb
Calcium	44-1	10.82	11.92	12.33	11.69	6.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.03	-0.02	-0.01		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	11.79	ppb
Copper	63-2	0.08	0.09	0.13	0.10	27.77	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				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	5.96	5.65	5.39	5.67	4.99	ppb
Iron	57-2	7.62	7.35	6.85	7.27	5.37	ppb
Iron	54-2	7.28	6.85	6.22	6.78	7.92	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	PB164339BL	Instrumnet Name :	P7
Client Sample ID :	PBW339	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:01:21	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.12	0.09	0.08	0.10	21.90	ppb
Lead	207-1	0.10	0.09	0.09	0.09	10.83	ppb
Lead	208-1	0.11	0.09	0.09	0.10	11.42	ppb
Lithium	6-1				97		%
Magnesium	24-2	9.98	9.41	9.95	9.78	3.27	ppb
Manganese	55-2	0.23	0.12	0.21	0.19	30.97	ppb
Molybdenum	94-1	0.34	0.30	0.26	0.30	13.99	ppb
Molybdenum	95-1	0.20	0.20	0.17	0.19	8.77	ppb
Molybdenum	96-1	0.25	0.19	0.22	0.22	13.41	ppb
Molybdenum	97-1	0.17	0.19	0.21	0.19	11.83	ppb
Molybdenum	98-1	0.18	0.20	0.17	0.18	10.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	-0.01	0.00		ppb
Phosphorus	31-2	-12.16	-12.26	-17.15	-13.86		ppb
Potassium	39-2	18.18	16.99	14.04	16.40	12.99	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.36	-0.02	0.14	0.16	119.54	ppb
Selenium	77-2	0.46	-0.24	-0.24	0.00		ppb
Selenium	78-2	-0.75	-0.52	0.35	-0.31		ppb
Silicon	28-1	-1.04	-0.92	-1.46	-1.14		ppb
Silver	107-1	0.03	0.03	0.03	0.03	11.17	ppb
Silver	109-1	0.03	0.03	0.03	0.03	10.37	ppb
Sodium	23-2	46.51	44.34	42.39	44.41	4.64	ppb
Strontium	86-1	0.34	0.36	0.33	0.34	5.02	ppb
Strontium	88-1	0.35	0.34	0.32	0.34	4.99	ppb
Sulfur	34-1	-448.95	-431.06	-628.98	-503.00		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.07	0.05	0.06	17.63	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	2.01	ppb
Tin	118-1	0.06	0.06	0.13	0.08	49.19	ppb
Titanium	47-1	0.17	0.17	0.20	0.18	8.30	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	PB164339BL	Instrumnet Name :	P7
Client Sample ID :	PBW339	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:01:21	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	16.69	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	21.55	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.25	0.07	0.29	0.20	56.26	ppb
Zirconium	90-1	0.10	0.08	0.07	0.08	19.52	ppb
Zirconium	91-1	0.09	0.08	0.08	0.09	9.81	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	PB164339BS	Instrumnet Name :	P7
Client Sample ID :	LCS339	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:04:37	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.30	42.01	42.11	41.81	1.06	ppb
Antimony	121-1	3.80	3.96	3.91	3.89	2.05	ppb
Arsenic	75-2	2.16	2.24	2.04	2.15	4.68	ppb
Barium	135-1	17.69	17.87	18.06	17.87	1.04	ppb
Barium	137-1	17.68	18.30	18.01	17.99	1.71	ppb
Beryllium	9-1	2.16	2.34	1.86	2.12	11.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.47	1.95	2.35	2.26	12.00	ppb
Cadmium	106-1	2.16	2.36	2.97	2.50	17.03	ppb
Cadmium	111-1	2.40	2.41	2.60	2.47	4.52	ppb
Calcium	43-1	957.16	989.10	980.52	975.59	1.69	ppb
Calcium	44-1	963.88	1009.67	1000.09	991.21	2.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.63	4.40	4.53	4.52	2.56	ppb
Cobalt	59-2	2.02	2.04	2.08	2.05	1.53	ppb
Copper	63-2	4.27	4.29	4.26	4.28	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				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	434.68	432.61	435.22	434.17	0.32	ppb
Iron	57-2	432.23	442.12	431.60	435.31	1.36	ppb
Iron	54-2	432.96	441.53	439.64	438.04	1.03	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	PB164339BS	Instrumnet Name :	P7
Client Sample ID :	LCS339	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:04:37	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.71	1.87	1.83	1.80	4.52	ppb
Lead	207-1	1.83	1.82	1.76	1.80	2.21	ppb
Lead	208-1	1.79	1.83	1.76	1.79	2.00	ppb
Lithium	6-1				98		%
Magnesium	24-2	1086.83	1090.03	1082.49	1086.45	0.35	ppb
Manganese	55-2	2.20	2.28	2.32	2.27	2.85	ppb
Molybdenum	94-1	10.42	10.98	10.79	10.73	2.65	ppb
Molybdenum	95-1	8.63	8.95	8.95	8.84	2.07	ppb
Molybdenum	96-1	8.74	9.05	9.16	8.98	2.41	ppb
Molybdenum	97-1	8.80	8.94	8.84	8.86	0.78	ppb
Molybdenum	98-1	8.82	8.90	8.97	8.90	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.26	2.20	2.23	1.42	ppb
Phosphorus	31-2	-13.42	-13.82	-11.33	-12.86		ppb
Potassium	39-2	1052.55	1049.92	1059.92	1054.13	0.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	8.87	10.69	10.12	9.89	9.40	ppb
Selenium	77-2	14.30	12.16	7.44	11.30	31.04	ppb
Selenium	78-2	8.58	8.78	10.06	9.14	8.83	ppb
Silicon	28-1	4.87	5.64	5.49	5.33	7.65	ppb
Silver	107-1	1.77	1.84	1.89	1.83	3.40	ppb
Silver	109-1	1.83	1.88	1.92	1.87	2.47	ppb
Sodium	23-2	1072.44	1068.23	1065.15	1068.61	0.34	ppb
Strontium	86-1	2.23	2.07	2.25	2.19	4.46	ppb
Strontium	88-1	2.14	2.21	2.27	2.20	3.01	ppb
Sulfur	34-1	-630.94	-522.46	-693.53	-615.64		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1.74	1.74	1.71	1.73	1.18	ppb
Thallium	205-1	1.69	1.77	1.72	1.73	2.18	ppb
Tin	118-1	0.08	0.09	0.09	0.08	7.36	ppb
Titanium	47-1	8.73	9.27	9.36	9.12	3.75	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	PB164339BS	Instrumnet Name :	P7
Client Sample ID :	LCS339	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:04:37	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.60	1.71	1.59	1.63	3.96	ppb
Vanadium	51-2	10.10	10.37	10.01	10.16	1.86	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	10.41	10.40	10.36	10.39	0.28	ppb
Zirconium	90-1	2.03	2.05	2.04	2.04	0.64	ppb
Zirconium	91-1	1.89	2.02	2.10	2.00	5.24	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-01	Instrumnet Name :	P7
Client Sample ID :	MYD0L6	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:07:56	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	112.21	113.02	111.09	112.11	0.86	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	7.69	ppb
Arsenic	75-2	0.03	0.07	0.02	0.04	72.86	ppb
Barium	135-1	0.14	0.24	0.19	0.19	25.63	ppb
Barium	137-1	0.21	0.20	0.15	0.19	18.10	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	33.92	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	-0.03	0.07	0.07	143.29	ppb
Cadmium	106-1	0.36	0.15	-0.31	0.06	523.15	ppb
Cadmium	111-1	0.07	0.07	0.01	0.05	64.34	ppb
Calcium	43-1	69.22	72.30	67.76	69.76	3.32	ppb
Calcium	44-1	73.92	72.74	72.51	73.05	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.22	0.25	0.22	12.14	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	7.32	ppb
Copper	63-2	1.09	1.18	1.11	1.13	4.35	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				94		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	15.44	17.17	16.69	16.43	5.42	ppb
Iron	57-2	19.62	18.83	19.00	19.15	2.18	ppb
Iron	54-2	22.18	21.19	21.74	21.71	2.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-01	Instrumnet Name :	P7
Client Sample ID :	MYD0L6	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:07:56	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.14	0.15	0.15	5.94	ppb
Lead	207-1	0.15	0.16	0.14	0.15	8.95	ppb
Lead	208-1	0.16	0.17	0.14	0.15	7.15	ppb
Lithium	6-1				94		%
Magnesium	24-2	44.84	46.19	45.12	45.38	1.56	ppb
Manganese	55-2	0.92	0.85	0.88	0.89	3.73	ppb
Molybdenum	94-1	1.49	0.81	0.54	0.95	51.63	ppb
Molybdenum	95-1	0.15	0.17	0.16	0.16	3.95	ppb
Molybdenum	96-1	0.28	0.23	0.19	0.24	19.06	ppb
Molybdenum	97-1	0.17	0.16	0.13	0.15	14.00	ppb
Molybdenum	98-1	0.17	0.17	0.14	0.16	9.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.12	0.15	0.11	33.50	ppb
Phosphorus	31-2	-3.71	-3.26	-2.92	-3.30		ppb
Potassium	39-2	18.22	19.04	20.98	19.41	7.31	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	0.11	-0.26	0.08	-0.02		ppb
Selenium	77-2	0.14	-0.24	-0.24	-0.11		ppb
Selenium	78-2	2.33	0.92	-0.06	1.07	112.73	ppb
Silicon	28-1	6.23	5.13	6.38	5.91	11.55	ppb
Silver	107-1	0.05	0.16	0.02	0.08	97.78	ppb
Silver	109-1	0.05	0.03	0.03	0.04	26.43	ppb
Sodium	23-2	70.25	69.95	66.77	68.99	2.80	ppb
Strontium	86-1	0.40	0.40	0.33	0.38	10.32	ppb
Strontium	88-1	0.34	0.36	0.29	0.33	10.55	ppb
Sulfur	34-1	194.35	-445.83	-306.40	-185.96		ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.04	0.04	0.05	21.79	ppb
Thallium	205-1	0.07	0.05	0.04	0.05	26.28	ppb
Tin	118-1	0.42	0.43	0.43	0.43	1.44	ppb
Titanium	47-1	0.28	0.19	0.21	0.22	21.28	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-01	Instrumnet Name :	P7
Client Sample ID :	MYD0L6	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:07:56	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	15.45	ppb
Vanadium	51-2	0.01	0.04	0.03	0.03	46.15	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	14.69	14.62	14.62	14.64	0.26	ppb
Zirconium	90-1	0.81	0.40	0.29	0.50	55.32	ppb
Zirconium	91-1	0.83	0.42	0.33	0.52	50.81	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-02	Instrumnet Name :	P7
Client Sample ID :	MYD0Y6	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:11:12	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.78	4.58	5.72	5.03	12.18	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	14.86	ppb
Arsenic	75-2	0.03	0.04	0.05	0.04	29.76	ppb
Barium	135-1	0.32	0.36	0.34	0.34	5.70	ppb
Barium	137-1	0.37	0.35	0.31	0.34	10.10	ppb
Beryllium	9-1	0.00	0.03	0.00	0.01	211.68	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.00	0.07	0.08	100.40	ppb
Cadmium	106-1	-0.67	-0.25	-0.73	-0.55		ppb
Cadmium	111-1	-0.04	0.01	-0.03	-0.02		ppb
Calcium	43-1	76.54	75.95	64.58	72.35	9.31	ppb
Calcium	44-1	77.33	72.65	73.40	74.46	3.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.17	0.17	0.16	9.10	ppb
Cobalt	59-2	0.01	0.03	0.02	0.02	61.11	ppb
Copper	63-2	0.54	0.65	0.69	0.63	13.04	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				94		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	7.08	7.84	7.64	7.52	5.21	ppb
Iron	57-2	7.59	11.46	14.29	11.11	30.28	ppb
Iron	54-2	11.43	13.85	12.74	12.67	9.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-02	Instrumnet Name :	P7
Client Sample ID :	MYD0Y6	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:11:12	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.10	0.10	0.10	11.97	ppb
Lead	207-1	0.09	0.10	0.09	0.09	5.17	ppb
Lead	208-1	0.09	0.09	0.10	0.09	4.46	ppb
Lithium	6-1				96		%
Magnesium	24-2	15.22	16.07	16.90	16.06	5.23	ppb
Manganese	55-2	0.48	0.53	0.49	0.50	5.40	ppb
Molybdenum	94-1	0.36	0.37	0.37	0.37	1.42	ppb
Molybdenum	95-1	0.13	0.15	0.16	0.14	10.37	ppb
Molybdenum	96-1	0.15	0.14	0.15	0.15	1.29	ppb
Molybdenum	97-1	0.13	0.11	0.13	0.12	11.46	ppb
Molybdenum	98-1	0.14	0.11	0.13	0.13	13.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.11	0.12	0.09	52.14	ppb
Phosphorus	31-2	-3.50	-7.28	-0.70	-3.83		ppb
Potassium	39-2	11.74	39.56	30.41	27.24	52.05	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	-0.36	0.24	0.51	0.13	340.59	ppb
Selenium	77-2	0.52	-0.24	-0.24	0.02	2874.24	ppb
Selenium	78-2	1.89	3.46	0.08	1.81	93.56	ppb
Silicon	28-1	7.40	5.57	5.91	6.29	15.49	ppb
Silver	107-1	0.02	0.01	0.02	0.02	15.63	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.16	ppb
Sodium	23-2	65.51	82.54	76.40	74.82	11.53	ppb
Strontium	86-1	0.37	0.37	0.27	0.34	16.36	ppb
Strontium	88-1	0.32	0.32	0.30	0.31	2.48	ppb
Sulfur	34-1	432.17	-206.76	-322.55	-32.38		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.04	0.02	0.02	0.03	37.79	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	8.67	ppb
Tin	118-1	0.44	0.55	0.43	0.47	13.71	ppb
Titanium	47-1	0.22	0.23	0.19	0.21	10.17	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-02	Instrumnet Name :	P7
Client Sample ID :	MYD0Y6	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:11:12	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	26.31	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	49.65	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	4.15	4.73	4.65	4.51	6.99	ppb
Zirconium	90-1	0.16	0.15	0.15	0.15	1.00	ppb
Zirconium	91-1	0.14	0.14	0.17	0.15	12.43	ppb

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LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-03	Instrumnet Name :	P7
Client Sample ID :	MYD0Y8	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:14:30	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.09	3.47	3.67	3.74	8.52	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	10.33	ppb
Arsenic	75-2	0.04	0.00	0.02	0.02	103.91	ppb
Barium	135-1	0.13	0.10	0.12	0.12	9.05	ppb
Barium	137-1	0.12	0.07	0.12	0.10	28.29	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	104.08	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.04	-0.07	-0.01		ppb
Cadmium	106-1	1.35	0.00	-0.39	0.32	281.81	ppb
Cadmium	111-1	0.11	0.02	0.00	0.04	132.56	ppb
Calcium	43-1	30.70	19.37	27.84	25.97	22.69	ppb
Calcium	44-1	30.46	29.28	32.41	30.72	5.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.21	0.12	0.16	29.12	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	38.83	ppb
Copper	63-2	0.67	0.67	0.62	0.65	4.56	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				95		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	10.17	10.32	10.35	10.28	0.97	ppb
Iron	57-2	11.54	11.48	7.69	10.24	21.53	ppb
Iron	54-2	14.37	15.10	15.66	15.04	4.30	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-03	Instrumnet Name :	P7
Client Sample ID :	MYD0Y8	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:14:30	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.10	0.10	0.11	0.11	4.60	ppb
Lead	207-1	0.08	0.10	0.11	0.10	11.35	ppb
Lead	208-1	0.09	0.10	0.11	0.10	7.42	ppb
Lithium	6-1				98		%
Magnesium	24-2	12.26	13.29	13.19	12.92	4.42	ppb
Manganese	55-2	0.35	0.27	0.29	0.30	13.09	ppb
Molybdenum	94-1	0.29	0.25	0.30	0.28	9.95	ppb
Molybdenum	95-1	0.12	0.10	0.12	0.11	12.08	ppb
Molybdenum	96-1	0.13	0.14	0.13	0.13	3.56	ppb
Molybdenum	97-1	0.10	0.13	0.11	0.11	15.53	ppb
Molybdenum	98-1	0.11	0.09	0.12	0.10	14.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.18	0.24	0.22	15.35	ppb
Phosphorus	31-2	1.41	-5.09	-9.41	-4.36		ppb
Potassium	39-2	12.59	9.83	5.72	9.38	36.87	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	0.48	-0.29	0.49	0.23	195.44	ppb
Selenium	77-2	-0.24	0.14	-0.24	-0.11		ppb
Selenium	78-2	-1.67	-2.31	-0.90	-1.63		ppb
Silicon	28-1	5.77	5.11	5.21	5.36	6.55	ppb
Silver	107-1	0.02	0.02	0.01	0.02	15.14	ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.80	ppb
Sodium	23-2	48.60	48.85	45.70	47.72	3.67	ppb
Strontium	86-1	0.28	0.22	0.21	0.24	16.03	ppb
Strontium	88-1	0.22	0.22	0.21	0.22	0.80	ppb
Sulfur	34-1	315.44	-44.72	-147.43	41.10	591.50	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.03	0.03	19.85	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	21.96	ppb
Tin	118-1	0.27	0.27	0.25	0.27	5.21	ppb
Titanium	47-1	0.16	0.18	0.24	0.19	21.63	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-03	Instrumnet Name :	P7
Client Sample ID :	MYD0Y8	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:14:30	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	8.55	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	38.46	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	1.75	1.79	1.80	1.78	1.41	ppb
Zirconium	90-1	0.09	0.08	0.09	0.09	2.59	ppb
Zirconium	91-1	0.10	0.11	0.08	0.10	11.46	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-04	Instrumnet Name :	P7
Client Sample ID :	MYD035	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:17:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.04	3.35	4.22	3.87	11.94	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	13.89	ppb
Arsenic	75-2	0.02	0.03	0.03	0.02	36.95	ppb
Barium	135-1	0.08	0.14	0.17	0.13	34.06	ppb
Barium	137-1	0.12	0.11	0.16	0.13	22.36	ppb
Beryllium	9-1	0.01	0.02	0.02	0.01	36.63	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.15	0.04	-0.03	0.05	180.25	ppb
Cadmium	106-1	0.20	0.84	-0.26	0.26	215.19	ppb
Cadmium	111-1	0.01	0.09	-0.01	0.03	173.22	ppb
Calcium	43-1	26.23	19.40	30.93	25.52	22.72	ppb
Calcium	44-1	31.78	27.77	31.81	30.46	7.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.15	0.12	0.13	16.48	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	57.86	ppb
Copper	63-2	0.39	0.32	0.35	0.36	9.87	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				96		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	6.24	5.99	6.38	6.20	3.19	ppb
Iron	57-2	2.30	6.67	6.60	5.19	48.28	ppb
Iron	54-2	9.50	11.28	9.79	10.19	9.37	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-04	Instrumnet Name :	P7
Client Sample ID :	MYD035	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:17:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.07	0.08	0.08	4.60	ppb
Lead	207-1	0.06	0.05	0.08	0.06	16.96	ppb
Lead	208-1	0.06	0.07	0.07	0.07	9.22	ppb
Lithium	6-1				99		%
Magnesium	24-2	8.64	8.80	9.11	8.85	2.72	ppb
Manganese	55-2	0.52	0.47	0.49	0.49	4.57	ppb
Molybdenum	94-1	0.20	0.19	0.23	0.21	10.95	ppb
Molybdenum	95-1	0.11	0.11	0.13	0.11	10.28	ppb
Molybdenum	96-1	0.11	0.12	0.14	0.12	11.62	ppb
Molybdenum	97-1	0.10	0.07	0.11	0.09	20.60	ppb
Molybdenum	98-1	0.08	0.10	0.10	0.09	12.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.11	0.12	0.11	15.14	ppb
Phosphorus	31-2	-2.59	-3.62	-5.69	-3.96		ppb
Potassium	39-2	4.89	9.91	9.29	8.03	34.04	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	-0.26	0.40	0.76	0.30	172.62	ppb
Selenium	77-2	-0.24	-0.24	-0.24	-0.24		ppb
Selenium	78-2	-0.54	0.87	0.53	0.29	257.15	ppb
Silicon	28-1	5.88	3.82	5.74	5.15	22.34	ppb
Silver	107-1	0.01	0.01	0.01	0.01	35.66	ppb
Silver	109-1	0.01	0.02	0.01	0.01	40.99	ppb
Sodium	23-2	49.60	50.00	53.16	50.92	3.83	ppb
Strontium	86-1	0.20	0.12	0.23	0.19	29.95	ppb
Strontium	88-1	0.19	0.17	0.21	0.19	11.08	ppb
Sulfur	34-1	710.24	-189.72	220.74	247.09	182.35	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.03	0.03	6.00	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	11.59	ppb
Tin	118-1	0.32	0.36	0.65	0.44	40.58	ppb
Titanium	47-1	0.21	0.11	0.18	0.17	29.11	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-04	Instrumnet Name :	P7
Client Sample ID :	MYD035	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:17:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.01	0.00	0.00	44.92	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	74.62	ppb
Yttrium	89-1				94		%
Yttrium	89-2				97		%
Zinc	66-2	1.10	0.96	1.25	1.11	13.40	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	12.57	ppb
Zirconium	91-1	0.06	0.04	0.08	0.06	28.01	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-05	Instrumnet Name :	P7
Client Sample ID :	MYD036	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:21:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.91	4.65	4.31	4.63	6.54	ppb
Antimony	121-1	0.01	0.02	0.03	0.02	36.43	ppb
Arsenic	75-2	0.03	0.06	0.00	0.03	116.39	ppb
Barium	135-1	0.17	0.15	0.15	0.16	6.72	ppb
Barium	137-1	0.13	0.14	0.14	0.13	4.13	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	57.54	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.04	0.00	0.04	97.76	ppb
Cadmium	106-1	-0.02	0.59	-0.59	-0.01		ppb
Cadmium	111-1	0.01	0.05	-0.02	0.01	288.38	ppb
Calcium	43-1	90.38	94.19	104.54	96.37	7.60	ppb
Calcium	44-1	101.49	94.14	102.22	99.28	4.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.11	0.19	0.16	26.31	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	17.60	ppb
Copper	63-2	0.50	0.39	0.38	0.42	16.46	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				95		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	6.64	6.33	6.31	6.42	2.86	ppb
Iron	57-2	9.15	9.69	8.40	9.08	7.14	ppb
Iron	54-2	12.77	12.25	10.29	11.77	11.14	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-05	Instrumnet Name :	P7
Client Sample ID :	MYD036	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:21:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.08	0.05	0.07	20.90	ppb
Lead	207-1	0.06	0.06	0.08	0.07	24.16	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	8.69	8.28	8.03	8.34	3.99	ppb
Manganese	55-2	0.29	0.25	0.28	0.27	8.13	ppb
Molybdenum	94-1	0.21	0.30	0.21	0.24	22.23	ppb
Molybdenum	95-1	0.10	0.10	0.10	0.10	3.52	ppb
Molybdenum	96-1	0.15	0.10	0.10	0.12	27.48	ppb
Molybdenum	97-1	0.10	0.08	0.10	0.09	15.97	ppb
Molybdenum	98-1	0.12	0.11	0.10	0.11	8.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.14	0.05	0.10	44.18	ppb
Phosphorus	31-2	-5.00	-8.83	-8.17	-7.33		ppb
Potassium	39-2	5.92	7.25	4.06	5.74	27.96	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	0.47	-0.28	0.18	0.12	312.73	ppb
Selenium	77-2	-0.24	-0.24	0.88	0.14	475.19	ppb
Selenium	78-2	-1.03	-0.07	1.24	0.05	2337.93	ppb
Silicon	28-1	6.77	4.84	6.28	5.96	16.82	ppb
Silver	107-1	0.00	0.01	0.01	0.01	35.87	ppb
Silver	109-1	0.01	0.00	0.01	0.01	56.00	ppb
Sodium	23-2	49.06	50.52	49.39	49.65	1.54	ppb
Strontium	86-1	0.21	0.27	0.27	0.25	12.83	ppb
Strontium	88-1	0.25	0.23	0.22	0.23	6.80	ppb
Sulfur	34-1	528.49	-96.63	-16.18	138.56	245.44	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.02	0.02	21.06	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.56	ppb
Tin	118-1	0.35	0.35	0.35	0.35	1.25	ppb
Titanium	47-1	0.17	0.19	0.17	0.18	5.44	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-05	Instrumnet Name :	P7
Client Sample ID :	MYD036	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:21:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.01	0.00	34.66	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	43.86	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	18.68	19.30	18.87	18.95	1.67	ppb
Zirconium	90-1	0.08	0.07	0.07	0.07	2.59	ppb
Zirconium	91-1	0.12	0.07	0.12	0.10	24.20	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-06	Instrumnet Name :	P7
Client Sample ID :	MYD038	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:24:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.42	3.06	3.00	2.83	12.64	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	40.82	ppb
Arsenic	75-2	0.03	0.01	0.02	0.02	75.44	ppb
Barium	135-1	0.14	0.11	0.13	0.13	11.85	ppb
Barium	137-1	0.14	0.15	0.11	0.13	12.24	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.11	0.07	0.05	147.47	ppb
Cadmium	106-1	0.97	-0.74	0.39	0.21	414.77	ppb
Cadmium	111-1	0.08	-0.05	0.03	0.02	391.22	ppb
Calcium	43-1	26.64	20.90	19.77	22.44	16.41	ppb
Calcium	44-1	27.74	25.62	25.32	26.23	5.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.11	0.14	0.13	16.28	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	1725.30	ppb
Copper	63-2	0.34	0.37	0.31	0.34	8.49	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				96		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	4.96	4.70	4.91	4.86	2.79	ppb
Iron	57-2	4.03	9.84	7.79	7.22	40.83	ppb
Iron	54-2	8.82	9.08	9.07	8.99	1.64	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-06	Instrumnet Name :	P7
Client Sample ID :	MYD038	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:24:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.06	0.05	0.06	23.69	ppb
Lead	207-1	0.07	0.05	0.07	0.06	15.68	ppb
Lead	208-1	0.06	0.05	0.06	0.06	16.57	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.89	2.50	2.21	2.53	13.38	ppb
Manganese	55-2	1.16	1.11	1.11	1.13	2.37	ppb
Molybdenum	94-1	0.05	0.02	0.06	0.04	44.01	ppb
Molybdenum	95-1	0.02	0.01	-0.01	0.00	298.94	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	287.32	ppb
Molybdenum	97-1	-0.01	0.00	-0.03	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.12	0.18	0.17	23.25	ppb
Phosphorus	31-2	-6.56	-15.32	-6.08	-9.32		ppb
Potassium	39-2	9.38	2.57	6.95	6.30	54.73	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	-0.39	-0.37	-0.14	-0.30		ppb
Selenium	77-2	0.14	-0.24	-0.24	-0.11		ppb
Selenium	78-2	-2.00	-0.83	1.13	-0.56		ppb
Silicon	28-1	5.05	3.94	3.98	4.32	14.55	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	1015.92	ppb
Sodium	23-2	40.55	38.68	41.95	40.40	4.06	ppb
Strontium	86-1	0.03	0.02	-0.03	0.01	360.18	ppb
Strontium	88-1	-0.01	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	107.88	-252.98	-327.89	-157.66		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.00	0.01	60.65	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.46	ppb
Tin	118-1	0.23	0.22	0.20	0.22	6.01	ppb
Titanium	47-1	0.07	0.06	0.07	0.07	10.27	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-06	Instrumnet Name :	P7
Client Sample ID :	MYD038	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:24:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	770.79	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	0.95	1.17	1.01	1.04	11.06	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	7.47	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	10.94	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-07	Instrumnet Name :	P7
Client Sample ID :	MYDD00	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:27:41	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.41	19.41	19.26	19.69	3.19	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	86.12	ppb
Arsenic	75-2	0.03	0.02	0.04	0.03	37.49	ppb
Barium	135-1	0.00	0.04	0.03	0.02	76.63	ppb
Barium	137-1	0.03	0.05	0.05	0.04	18.32	ppb
Beryllium	9-1	-0.01	-0.02	0.00	-0.01		ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.07	0.00	0.02	357.88	ppb
Cadmium	106-1	0.60	-0.82	-0.08	-0.10		ppb
Cadmium	111-1	0.06	-0.06	0.00	0.00		ppb
Calcium	43-1	38.93	25.09	29.61	31.21	22.61	ppb
Calcium	44-1	36.81	34.32	36.68	35.94	3.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.14	0.24	0.18	28.07	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.18	0.23	0.20	0.20	13.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	3.80	3.63	3.66	3.70	2.49	ppb
Iron	57-2	4.68	7.96	7.48	6.71	26.39	ppb
Iron	54-2	8.40	8.55	7.61	8.19	6.17	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-07	Instrumnet Name :	P7
Client Sample ID :	MYDD00	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:27:41	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.03	0.02	14.75	ppb
Lead	207-1	0.04	0.03	0.04	0.04	15.66	ppb
Lead	208-1	0.03	0.03	0.04	0.03	13.52	ppb
Lithium	6-1				93		%
Magnesium	24-2	2.33	2.97	3.07	2.79	14.23	ppb
Manganese	55-2	0.26	0.26	0.28	0.27	5.30	ppb
Molybdenum	94-1	0.05	0.09	0.09	0.08	30.21	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	205.79	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	22.00	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	9031.50	ppb
Molybdenum	98-1	0.00	0.00	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.05	0.05	0.05	14.32	ppb
Phosphorus	31-2	-2.91	-3.02	-5.44	-3.79		ppb
Potassium	39-2	-0.16	3.94	1.62	1.80	114.01	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	-0.77	0.65	0.60	0.16	498.53	ppb
Selenium	77-2	-0.24	-0.24	-0.24	-0.24		ppb
Selenium	78-2	2.30	-0.20	-0.02	0.69	201.19	ppb
Silicon	28-1	6.56	4.64	5.47	5.56	17.36	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	51.53	51.23	50.21	50.99	1.35	ppb
Strontium	86-1	0.03	0.00	0.00	0.01	156.69	ppb
Strontium	88-1	-0.01	-0.02	-0.03	-0.02		ppb
Sulfur	34-1	282.97	-342.37	-327.76	-129.05		ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.00	0.00	0.00	152.66	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	53.33	ppb
Tin	118-1	0.24	0.26	0.29	0.26	9.02	ppb
Titanium	47-1	0.13	0.05	0.04	0.07	68.41	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-07	Instrumnet Name :	P7
Client Sample ID :	MYDD00	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:27:41	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	33.99	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	10.35	9.60	9.28	9.75	5.63	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	8.44	ppb
Zirconium	91-1	0.06	0.06	0.07	0.06	13.94	ppb

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-08	Instrumnet Name :	P7
Client Sample ID :	MYDD01	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:30:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.46	2.18	1.99	2.21	10.73	ppb
Antimony	121-1	0.00	0.01	0.00	0.01	25.21	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	0.52	ppb
Barium	135-1	0.06	0.06	0.04	0.05	25.57	ppb
Barium	137-1	0.07	0.08	0.06	0.07	13.26	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	61.32	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.04	0.07	0.05	33.90	ppb
Cadmium	106-1	0.39	0.77	-1.61	-0.15		ppb
Cadmium	111-1	0.03	0.06	-0.11	-0.01		ppb
Calcium	43-1	27.78	26.76	28.77	27.77	3.62	ppb
Calcium	44-1	35.57	32.95	35.56	34.69	4.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.18	0.18	0.18	3.44	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	194.77	ppb
Copper	63-2	0.21	0.22	0.23	0.22	4.35	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				96		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	3.17	3.28	3.10	3.18	2.78	ppb
Iron	57-2	3.99	5.74	6.62	5.45	24.62	ppb
Iron	54-2	7.73	7.71	6.83	7.42	6.96	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-08	Instrumnet Name :	P7
Client Sample ID :	MYDD01	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:30:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.03	0.03	23.71	ppb
Lead	207-1	0.02	0.01	0.01	0.01	56.06	ppb
Lead	208-1	0.03	0.02	0.02	0.02	24.19	ppb
Lithium	6-1				94		%
Magnesium	24-2	3.49	3.85	4.77	4.04	16.34	ppb
Manganese	55-2	0.14	0.11	0.13	0.13	10.33	ppb
Molybdenum	94-1	0.06	0.09	0.09	0.08	23.54	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.01	61.31	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	33.32	ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	64.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.05	0.05	0.04	72.86	ppb
Phosphorus	31-2	-4.07	-8.64	-3.92	-5.55		ppb
Potassium	39-2	12.69	13.32	10.39	12.14	12.72	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.08	-0.63	0.48	-0.02		ppb
Selenium	77-2	-0.24	-0.24	-0.24	-0.24		ppb
Selenium	78-2	0.29	0.96	0.48	0.58	60.60	ppb
Silicon	28-1	6.70	5.00	5.31	5.67	16.00	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	712.11	ppb
Sodium	23-2	62.92	65.71	61.60	63.41	3.31	ppb
Strontium	86-1	0.08	0.04	0.02	0.05	57.92	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	5.64	ppb
Sulfur	34-1	193.17	-335.72	-299.64	-147.40		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.00	0.00	0.00	404.15	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	34.55	ppb
Tin	118-1	0.24	0.26	0.28	0.26	7.87	ppb
Titanium	47-1	0.10	0.04	0.07	0.07	45.27	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-08	Instrumnet Name :	P7
Client Sample ID :	MYDD01	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:30:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	364.46	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	0.92	1.27	0.88	1.02	20.95	ppb
Zirconium	90-1	0.05	0.04	0.06	0.05	17.24	ppb
Zirconium	91-1	0.06	0.04	0.05	0.05	11.84	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-09	Instrumnet Name :	P7
Client Sample ID :	MYDD02	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:34:15	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.60	2.93	2.07	2.53	17.11	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	42.27	ppb
Arsenic	75-2	0.02	0.03	0.02	0.02	24.10	ppb
Barium	135-1	0.06	0.07	0.06	0.06	5.92	ppb
Barium	137-1	0.07	0.07	0.07	0.07	2.99	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.04	0.04	0.01	302.57	ppb
Cadmium	106-1	-0.30	-0.29	0.22	-0.13		ppb
Cadmium	111-1	0.00	-0.02	0.02	0.00	39673.50	ppb
Calcium	43-1	22.55	23.97	28.48	25.00	12.39	ppb
Calcium	44-1	27.26	24.18	24.84	25.43	6.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.13	0.12	0.13	0.12	4.82	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	110.30	ppb
Copper	63-2	0.17	0.21	0.20	0.19	10.52	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				97		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	4.20	4.24	4.42	4.29	2.79	ppb
Iron	57-2	6.06	9.04	5.83	6.98	25.70	ppb
Iron	54-2	9.18	9.69	9.48	9.45	2.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-09	Instrumnet Name :	P7
Client Sample ID :	MYDD02	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:34:15	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.03	0.01	0.03	44.62	ppb
Lead	207-1	0.03	0.02	0.04	0.03	30.34	ppb
Lead	208-1	0.03	0.02	0.03	0.03	26.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	4.99	5.06	4.81	4.95	2.64	ppb
Manganese	55-2	0.15	0.17	0.15	0.16	5.88	ppb
Molybdenum	94-1	0.10	0.08	0.08	0.09	13.30	ppb
Molybdenum	95-1	0.05	0.03	0.03	0.04	32.76	ppb
Molybdenum	96-1	0.03	0.06	0.06	0.05	30.16	ppb
Molybdenum	97-1	0.05	0.01	0.03	0.03	57.99	ppb
Molybdenum	98-1	0.03	0.05	0.03	0.04	39.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.10	0.04	0.06	64.33	ppb
Phosphorus	31-2	-12.96	-4.90	-5.82	-7.89		ppb
Potassium	39-2	6.46	12.23	6.41	8.37	39.97	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.85	0.23	1.14	0.74	62.27	ppb
Selenium	77-2	-0.24	-0.24	-0.24	-0.24		ppb
Selenium	78-2	1.50	0.43	-1.13	0.27	492.30	ppb
Silicon	28-1	20.87	19.86	22.32	21.02	5.89	ppb
Silver	107-1	0.00	0.00	0.01	0.00	60.91	ppb
Silver	109-1	0.00	0.00	0.00	0.00	99.75	ppb
Sodium	23-2	55.70	54.00	51.13	53.61	4.31	ppb
Strontium	86-1	0.08	0.08	0.07	0.08	7.89	ppb
Strontium	88-1	0.10	0.08	0.10	0.09	7.30	ppb
Sulfur	34-1	329.68	-250.40	-220.22	-46.98		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	0.00	0.00	179.56	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.01	ppb
Tin	118-1	0.24	0.25	0.23	0.24	2.89	ppb
Titanium	47-1	0.06	0.14	0.06	0.09	51.16	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-09	Instrumnet Name :	P7
Client Sample ID :	MYDD02	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:34:15	DataFile Name :	029SMPL.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	0.01	0.00	0.01	44.45	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	0.58	0.73	0.63	0.65	11.50	ppb
Zirconium	90-1	0.03	0.02	0.04	0.03	19.46	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	21.49	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-10	Instrumnet Name :	P7
Client Sample ID :	MYDD03	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:37:32	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.83	3.31	3.24	3.12	8.30	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	6.80	ppb
Arsenic	75-2	0.02	0.05	0.03	0.03	61.46	ppb
Barium	135-1	0.10	0.10	0.10	0.10	1.80	ppb
Barium	137-1	0.09	0.10	0.07	0.09	19.48	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	17.08	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.04	0.01	0.03	67.82	ppb
Cadmium	106-1	1.01	-0.51	-0.30	0.07	1235.53	ppb
Cadmium	111-1	0.08	-0.03	0.00	0.01	396.12	ppb
Calcium	43-1	48.83	48.49	48.43	48.58	0.45	ppb
Calcium	44-1	52.04	47.53	55.00	51.52	7.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.20	0.17	0.19	9.04	ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	114.32	ppb
Copper	63-2	0.23	0.26	0.25	0.24	5.90	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				94		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	7.36	7.03	6.94	7.11	3.09	ppb
Iron	57-2	9.53	9.67	10.00	9.74	2.50	ppb
Iron	54-2	11.34	12.28	11.12	11.58	5.34	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-10	Instrumnet Name :	P7
Client Sample ID :	MYDD03	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:37:32	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.04	0.08	0.06	32.75	ppb
Lead	207-1	0.04	0.05	0.09	0.06	39.68	ppb
Lead	208-1	0.04	0.04	0.07	0.05	26.76	ppb
Lithium	6-1				95		%
Magnesium	24-2	6.90	6.07	6.25	6.41	6.86	ppb
Manganese	55-2	0.21	0.15	0.29	0.22	30.65	ppb
Molybdenum	94-1	0.13	0.13	0.19	0.15	21.78	ppb
Molybdenum	95-1	0.07	0.08	0.08	0.08	9.97	ppb
Molybdenum	96-1	0.09	0.08	0.10	0.09	9.52	ppb
Molybdenum	97-1	0.06	0.07	0.09	0.07	24.69	ppb
Molybdenum	98-1	0.07	0.05	0.09	0.07	32.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.04	0.04	20.11	ppb
Phosphorus	31-2	-10.45	-1.08	-3.27	-4.93		ppb
Potassium	39-2	12.35	17.20	12.70	14.08	19.20	ppb
Rhodium	103-1				92		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	-1.30	-0.08	0.26	-0.37		ppb
Selenium	77-2	1.65	-0.24	-0.24	0.39	277.65	ppb
Selenium	78-2	1.88	1.39	1.50	1.59	16.33	ppb
Silicon	28-1	9.09	7.38	11.66	9.38	22.95	ppb
Silver	107-1	0.00	0.00	0.02	0.01	155.65	ppb
Silver	109-1	0.01	0.00	0.01	0.00	22.73	ppb
Sodium	23-2	69.08	70.27	70.84	70.06	1.28	ppb
Strontium	86-1	0.18	0.15	0.17	0.17	10.21	ppb
Strontium	88-1	0.13	0.12	0.17	0.14	18.66	ppb
Sulfur	34-1	796.90	142.29	706.39	548.53	64.67	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	0.01	0.00	195.38	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	31.51	ppb
Tin	118-1	0.30	0.29	0.33	0.31	7.33	ppb
Titanium	47-1	0.17	0.10	0.21	0.16	33.17	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-10	Instrumnet Name :	P7
Client Sample ID :	MYDD03	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:37:32	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	70.13	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	64.35	ppb
Yttrium	89-1				92		%
Yttrium	89-2				95		%
Zinc	66-2	1.27	1.34	1.15	1.25	7.83	ppb
Zirconium	90-1	0.04	0.04	0.06	0.05	29.68	ppb
Zirconium	91-1	0.05	0.07	0.09	0.07	27.10	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:40:51	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50897.98	49626.59	50260.20	50261.59	1.26	ppb
Antimony	121-1	503.07	503.30	501.12	502.50	0.24	ppb
Arsenic	75-2	545.21	533.72	540.88	539.94	1.07	ppb
Barium	135-1	2553.99	2501.81	2574.20	2543.33	1.47	ppb
Barium	137-1	2531.71	2571.49	2575.62	2559.61	0.95	ppb
Beryllium	9-1	501.13	493.94	500.41	498.49	0.79	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	516.20	519.26	524.07	519.84	0.76	ppb
Cadmium	106-1	515.75	517.54	527.43	520.24	1.21	ppb
Cadmium	111-1	513.61	519.09	533.29	522.00	1.95	ppb
Calcium	43-1	254773.06	259875.20	256669.38	257105.88	1.00	ppb
Calcium	44-1	251713.27	255363.69	254691.97	253922.97	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.28	507.07	500.48	504.61	0.71	ppb
Cobalt	59-2	519.62	522.26	520.46	520.78	0.26	ppb
Copper	63-2	5064.93	5131.03	5066.44	5087.47	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	128616.59	128436.36	128278.28	128443.74	0.13	ppb
Iron	57-2	126610.18	127548.04	126906.72	127021.65	0.38	ppb
Iron	54-2	127841.14	128995.67	127497.58	128111.46	0.61	ppb
Krypton	83-1						cps

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:40:51	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2572.82	2500.76	2639.50	2571.03	2.70	ppb
Lead	207-1	2569.89	2509.55	2600.85	2560.10	1.81	ppb
Lead	208-1	2558.65	2504.10	2594.41	2552.39	1.78	ppb
Lithium	6-1				118		%
Magnesium	24-2	254240.06	251109.82	255127.51	253492.47	0.83	ppb
Manganese	55-2	4983.95	4947.91	4901.59	4944.49	0.83	ppb
Molybdenum	94-1	5067.67	5009.46	5162.31	5079.81	1.52	ppb
Molybdenum	95-1	5042.32	5003.04	5129.32	5058.23	1.28	ppb
Molybdenum	96-1	5041.54	4991.87	5135.72	5056.38	1.44	ppb
Molybdenum	97-1	4991.90	4942.13	5117.46	5017.16	1.80	ppb
Molybdenum	98-1	5008.50	5013.63	5108.26	5043.46	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.38	513.69	514.32	513.80	0.09	ppb
Phosphorus	31-2	10273.74	10253.49	10156.94	10228.06	0.61	ppb
Potassium	39-2	126720.44	125175.46	126873.83	126256.58	0.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	512.95	515.84	532.31	520.37	2.01	ppb
Selenium	77-2	534.77	518.22	523.97	525.65	1.60	ppb
Selenium	78-2	531.18	510.37	525.15	522.23	2.05	ppb
Silicon	28-1	2569.35	2496.54	2590.09	2551.99	1.93	ppb
Silver	107-1	511.65	513.25	521.56	515.49	1.03	ppb
Silver	109-1	511.92	512.02	525.47	516.47	1.51	ppb
Sodium	23-2	255097.49	253074.43	254050.54	254074.15	0.40	ppb
Strontium	86-1	12578.35	12433.09	12828.41	12613.29	1.59	ppb
Strontium	88-1	12498.42	12287.34	12645.14	12476.96	1.44	ppb
Sulfur	34-1	8819.73	8955.86	9090.11	8955.23	1.51	ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	512.77	505.84	527.63	515.41	2.16	ppb
Thallium	205-1	506.12	501.80	520.33	509.42	1.90	ppb
Tin	118-1	491.61	480.90	494.49	489.00	1.46	ppb
Titanium	47-1	4921.77	4983.44	5041.82	4982.34	1.20	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:40:51	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	510.88	506.89	526.96	514.91	2.06	ppb
Vanadium	51-2	509.38	500.80	502.12	504.10	0.92	ppb
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	5165.90	5170.48	5149.02	5161.80	0.22	ppb
Zirconium	90-1	504.94	512.15	521.26	512.78	1.59	ppb
Zirconium	91-1	497.57	495.29	505.94	499.60	1.12	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:43:36	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.83	2.66	2.97	2.82	5.52	ppb
Antimony	121-1	0.36	0.35	0.35	0.35	2.50	ppb
Arsenic	75-2	0.03	0.05	0.02	0.04	37.84	ppb
Barium	135-1	0.13	0.09	0.13	0.12	20.25	ppb
Barium	137-1	0.14	0.12	0.15	0.14	10.60	ppb
Beryllium	9-1	0.07	0.08	0.06	0.07	14.16	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.09	0.06	0.09	33.11	ppb
Cadmium	106-1	0.68	-0.97	0.09	-0.07		ppb
Cadmium	111-1	0.09	-0.01	0.06	0.05	108.37	ppb
Calcium	43-1	21.18	25.89	24.87	23.98	10.34	ppb
Calcium	44-1	21.66	22.73	23.54	22.64	4.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.03	0.01	297.17	ppb
Cobalt	59-2	0.01	0.03	0.01	0.02	48.07	ppb
Copper	63-2	0.12	0.13	0.14	0.13	6.57	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				108		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	6.59	6.89	6.66	6.71	2.36	ppb
Iron	57-2	6.26	3.85	8.74	6.28	38.89	ppb
Iron	54-2	5.61	5.84	6.55	6.00	8.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:43:36	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.16	0.12	0.14	12.01	ppb
Lead	207-1	0.15	0.15	0.11	0.14	17.30	ppb
Lead	208-1	0.15	0.15	0.14	0.15	6.92	ppb
Lithium	6-1				110		%
Magnesium	24-2	13.95	13.00	12.31	13.09	6.27	ppb
Manganese	55-2	0.47	0.47	0.49	0.47	2.47	ppb
Molybdenum	94-1	0.42	0.40	0.36	0.39	7.90	ppb
Molybdenum	95-1	0.39	0.37	0.35	0.37	5.83	ppb
Molybdenum	96-1	0.38	0.36	0.38	0.37	2.01	ppb
Molybdenum	97-1	0.34	0.34	0.35	0.35	1.85	ppb
Molybdenum	98-1	0.37	0.34	0.36	0.36	4.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.05	-0.02	0.01	294.21	ppb
Phosphorus	31-2	-15.45	-12.91	-7.93	-12.10		ppb
Potassium	39-2	12.43	10.45	6.41	9.76	31.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	-0.11	0.51	0.27	0.22	139.94	ppb
Selenium	77-2	0.11	-0.24	-0.24	-0.12		ppb
Selenium	78-2	-1.66	0.09	0.11	-0.49		ppb
Silicon	28-1	-1.29	-0.60	-1.57	-1.15		ppb
Silver	107-1	0.06	0.04	0.04	0.04	22.38	ppb
Silver	109-1	0.06	0.05	0.05	0.05	15.61	ppb
Sodium	23-2	54.55	50.26	52.11	52.31	4.11	ppb
Strontium	86-1	0.52	0.50	0.51	0.51	1.88	ppb
Strontium	88-1	0.54	0.48	0.48	0.50	6.76	ppb
Sulfur	34-1	-874.30	-653.22	-804.05	-777.19		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.06	0.05	0.06	7.76	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	5.46	ppb
Tin	118-1	0.19	0.16	0.18	0.18	8.36	ppb
Titanium	47-1	0.24	0.26	0.29	0.26	9.67	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:43:36	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	24.26	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	26.69	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	1.06	1.17	1.30	1.18	10.21	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	15.38	ppb
Zirconium	91-1	0.07	0.07	0.05	0.06	21.86	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:47:10	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10157.39	10525.59	10544.38	10409.12	2.10	ppb
Antimony	121-1	0.74	0.74	0.76	0.75	1.60	ppb
Arsenic	75-2	65.17	64.09	64.58	64.61	0.84	ppb
Barium	135-1	90.66	87.77	93.37	90.60	3.09	ppb
Barium	137-1	87.53	90.42	90.51	89.49	1.90	ppb
Beryllium	9-1	0.38	0.42	0.30	0.37	16.47	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.12	0.90	1.05	1.02	11.43	ppb
Cadmium	106-1	0.76	1.18	0.42	0.79	48.47	ppb
Cadmium	111-1	0.89	0.90	0.99	0.93	6.05	ppb
Calcium	43-1	5469.81	5888.03	5650.97	5669.60	3.70	ppb
Calcium	44-1	5515.57	5543.60	5549.29	5536.15	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.58	12.43	12.66	12.55	0.96	ppb
Cobalt	59-2	8.11	8.00	8.10	8.07	0.71	ppb
Copper	63-2	54.07	55.03	54.93	54.68	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	22447.16	22277.57	22380.42	22368.38	0.38	ppb
Iron	57-2	22520.06	22536.38	22630.72	22562.39	0.26	ppb
Iron	54-2	22656.92	22674.33	22567.76	22633.00	0.25	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:47:10	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.84	48.63	48.46	47.65	3.28	ppb
Lead	207-1	45.93	51.41	48.91	48.75	5.62	ppb
Lead	208-1	45.48	49.86	47.78	47.71	4.59	ppb
Lithium	6-1				110		%
Magnesium	24-2	4004.74	4056.25	4035.01	4032.00	0.64	ppb
Manganese	55-2	555.09	562.49	561.97	559.85	0.74	ppb
Molybdenum	94-1	3.17	3.37	3.22	3.25	3.07	ppb
Molybdenum	95-1	0.42	0.44	0.45	0.44	3.55	ppb
Molybdenum	96-1	0.81	0.92	0.86	0.86	5.94	ppb
Molybdenum	97-1	0.42	0.42	0.46	0.43	5.77	ppb
Molybdenum	98-1	0.44	0.46	0.47	0.46	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.14	10.99	10.79	10.97	1.61	ppb
Phosphorus	31-2	670.26	661.84	679.42	670.51	1.31	ppb
Potassium	39-2	2199.14	2241.59	2229.73	2223.49	0.99	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.29	1.43	1.45	1.06	62.93	ppb
Selenium	77-2	3.23	3.89	5.38	4.17	26.42	ppb
Selenium	78-2	-0.54	-0.94	1.85	0.12	1238.46	ppb
Silicon	28-1	677.34	709.74	698.67	695.25	2.37	ppb
Silver	107-1	0.37	0.35	0.39	0.37	5.60	ppb
Silver	109-1	0.33	0.37	0.37	0.36	6.78	ppb
Sodium	23-2	74.74	80.90	77.55	77.73	3.96	ppb
Strontium	86-1	23.07	24.84	23.89	23.93	3.71	ppb
Strontium	88-1	23.06	25.54	23.78	24.13	5.29	ppb
Sulfur	34-1	478.12	763.39	238.02	493.18	53.33	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.13	0.15	0.11	0.13	14.47	ppb
Thallium	205-1	0.12	0.15	0.13	0.14	10.93	ppb
Tin	118-1	0.80	0.81	0.74	0.78	4.82	ppb
Titanium	47-1	226.71	242.37	236.67	235.25	3.37	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:47:10	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.20	0.18	0.19	6.89	ppb
Vanadium	51-2	34.56	34.84	34.98	34.80	0.61	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	207.33	207.01	208.06	207.47	0.26	ppb
Zirconium	90-1	1.77	1.72	1.72	1.74	1.67	ppb
Zirconium	91-1	1.60	1.76	1.72	1.69	4.83	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:50:22	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10466.76	10292.81	10588.41	10449.32	1.42	ppb
Antimony	121-1	0.78	0.71	0.76	0.75	5.10	ppb
Arsenic	75-2	64.04	65.83	63.32	64.40	2.00	ppb
Barium	135-1	89.89	86.64	90.28	88.94	2.25	ppb
Barium	137-1	89.60	86.60	87.73	87.98	1.73	ppb
Beryllium	9-1	0.47	0.44	0.32	0.41	19.59	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.16	1.56	1.12	1.28	19.10	ppb
Cadmium	106-1	2.04	1.47	0.66	1.39	49.87	ppb
Cadmium	111-1	1.00	0.79	0.88	0.89	12.06	ppb
Calcium	43-1	5889.67	5846.61	5876.30	5870.86	0.38	ppb
Calcium	44-1	5561.68	5520.58	5610.50	5564.25	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.23	12.53	12.42	12.40	1.22	ppb
Cobalt	59-2	8.10	8.03	8.05	8.06	0.42	ppb
Copper	63-2	55.32	54.95	55.38	55.22	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	22775.93	22613.29	22785.14	22724.78	0.43	ppb
Iron	57-2	22767.54	22721.11	22915.57	22801.41	0.45	ppb
Iron	54-2	23205.59	22905.90	23008.96	23040.15	0.66	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:50:22	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.76	49.13	46.50	47.80	2.75	ppb
Lead	207-1	50.02	52.18	47.70	49.97	4.49	ppb
Lead	208-1	50.02	49.74	46.74	48.83	3.73	ppb
Lithium	6-1				109		%
Magnesium	24-2	4052.88	4027.87	4063.10	4047.95	0.45	ppb
Manganese	55-2	561.17	556.43	560.84	559.48	0.47	ppb
Molybdenum	94-1	3.22	3.23	3.22	3.22	0.19	ppb
Molybdenum	95-1	0.37	0.40	0.42	0.40	5.63	ppb
Molybdenum	96-1	0.80	0.88	0.80	0.83	5.24	ppb
Molybdenum	97-1	0.43	0.45	0.39	0.42	8.12	ppb
Molybdenum	98-1	0.40	0.38	0.39	0.39	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.21	11.47	10.95	11.21	2.31	ppb
Phosphorus	31-2	722.95	683.03	693.26	699.75	2.96	ppb
Potassium	39-2	2243.72	2211.53	2248.46	2234.57	0.90	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	1.82	0.73	0.19	0.91	90.84	ppb
Selenium	77-2	4.55	3.97	3.90	4.14	8.59	ppb
Selenium	78-2	1.59	0.14	1.71	1.14	76.45	ppb
Silicon	28-1	686.99	725.82	679.17	697.32	3.58	ppb
Silver	107-1	0.36	0.33	0.36	0.35	4.42	ppb
Silver	109-1	0.35	0.32	0.34	0.34	5.57	ppb
Sodium	23-2	77.19	72.83	75.71	75.24	2.95	ppb
Strontium	86-1	23.42	25.29	23.96	24.22	3.99	ppb
Strontium	88-1	24.99	24.57	23.93	24.50	2.17	ppb
Sulfur	34-1	879.07	829.22	482.69	730.32	29.56	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.13	0.12	0.12	7.75	ppb
Thallium	205-1	0.13	0.12	0.11	0.12	8.41	ppb
Tin	118-1	0.78	0.77	0.74	0.76	2.28	ppb
Titanium	47-1	238.15	253.61	237.85	243.20	3.71	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:50:22	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.22	0.20	0.21	4.96	ppb
Vanadium	51-2	35.65	35.47	36.11	35.74	0.92	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	208.87	205.22	208.63	207.57	0.98	ppb
Zirconium	90-1	1.68	1.74	1.70	1.70	1.90	ppb
Zirconium	91-1	1.65	1.77	1.71	1.71	3.47	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB51L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 19:53:37	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2067.98	2063.78	2073.92	2068.56	0.25	ppb
Antimony	121-1	0.14	0.16	0.16	0.16	7.92	ppb
Arsenic	75-2	13.13	12.76	13.31	13.07	2.13	ppb
Barium	135-1	16.95	17.19	17.64	17.26	2.04	ppb
Barium	137-1	17.41	17.55	17.81	17.59	1.14	ppb
Beryllium	9-1	0.08	0.06	0.07	0.07	13.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.23	0.23	0.30	0.25	16.03	ppb
Cadmium	106-1	0.67	1.40	0.28	0.78	72.88	ppb
Cadmium	111-1	0.23	0.26	0.16	0.22	24.30	ppb
Calcium	43-1	1137.46	1173.72	1176.69	1162.62	1.88	ppb
Calcium	44-1	1154.30	1156.73	1161.48	1157.50	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.50	2.63	2.52	2.55	2.74	ppb
Cobalt	59-2	1.58	1.57	1.62	1.59	1.39	ppb
Copper	63-2	10.65	10.94	10.86	10.82	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				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	4486.73	4419.12	4465.05	4456.97	0.77	ppb
Iron	57-2	4481.68	4479.92	4487.34	4482.98	0.09	ppb
Iron	54-2	4560.40	4541.45	4602.75	4568.20	0.69	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB51L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 19:53:37	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.19	9.33	9.54	9.36	1.88	ppb
Lead	207-1	9.67	9.70	9.75	9.71	0.41	ppb
Lead	208-1	9.46	9.46	9.56	9.49	0.58	ppb
Lithium	6-1				110		%
Magnesium	24-2	804.60	797.47	812.50	804.86	0.93	ppb
Manganese	55-2	111.22	110.23	110.92	110.79	0.46	ppb
Molybdenum	94-1	0.70	0.65	0.74	0.70	6.51	ppb
Molybdenum	95-1	0.15	0.19	0.17	0.17	9.85	ppb
Molybdenum	96-1	0.23	0.25	0.23	0.24	5.23	ppb
Molybdenum	97-1	0.12	0.13	0.15	0.13	11.34	ppb
Molybdenum	98-1	0.16	0.14	0.15	0.15	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.11	2.24	2.19	3.30	ppb
Phosphorus	31-2	116.27	126.99	120.16	121.14	4.48	ppb
Potassium	39-2	438.58	440.76	447.91	442.42	1.10	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.10	0.64	-0.38	0.12	423.00	ppb
Selenium	77-2	0.47	0.47	2.26	1.07	96.82	ppb
Selenium	78-2	0.40	-0.36	-1.49	-0.48		ppb
Silicon	28-1	155.09	148.85	155.40	153.11	2.41	ppb
Silver	107-1	0.07	0.08	0.07	0.07	4.03	ppb
Silver	109-1	0.07	0.07	0.08	0.07	5.61	ppb
Sodium	23-2	30.99	30.77	31.17	30.97	0.64	ppb
Strontium	86-1	5.03	4.87	4.88	4.93	1.77	ppb
Strontium	88-1	4.90	4.93	4.96	4.93	0.63	ppb
Sulfur	34-1	-218.69	-333.19	-211.46	-254.45		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.06	0.05	12.91	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	4.46	ppb
Tin	118-1	0.15	0.19	0.21	0.18	16.62	ppb
Titanium	47-1	47.66	48.00	49.16	48.27	1.63	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB51L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 19:53:37	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	7.84	ppb
Vanadium	51-2	6.98	6.84	7.06	6.96	1.64	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	41.42	40.70	40.82	40.98	0.95	ppb
Zirconium	90-1	0.33	0.35	0.33	0.34	3.19	ppb
Zirconium	91-1	0.35	0.37	0.36	0.36	2.29	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:56:51	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10541.92	10418.21	10209.44	10389.85	1.62	ppb
Antimony	121-1	18.58	16.88	17.02	17.50	5.40	ppb
Arsenic	75-2	70.47	70.01	69.74	70.07	0.53	ppb
Barium	135-1	426.66	412.50	406.80	415.32	2.46	ppb
Barium	137-1	431.63	397.83	405.05	411.50	4.33	ppb
Beryllium	9-1	9.29	8.01	9.96	9.08	10.89	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.54	9.04	8.89	8.82	2.92	ppb
Cadmium	106-1	11.90	8.96	8.73	9.86	17.94	ppb
Cadmium	111-1	10.72	10.03	9.66	10.14	5.29	ppb
Calcium	43-1	5820.75	5280.96	5549.25	5550.32	4.86	ppb
Calcium	44-1	5527.84	5259.57	5398.30	5395.24	2.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.72	47.06	47.02	47.27	0.83	ppb
Cobalt	59-2	94.36	95.68	95.29	95.11	0.71	ppb
Copper	63-2	93.71	92.96	93.21	93.29	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				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	21809.74	21827.84	21715.47	21784.35	0.28	ppb
Iron	57-2	21954.92	21888.93	21876.91	21906.92	0.19	ppb
Iron	54-2	21980.48	22001.55	21887.52	21956.52	0.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:56:51	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.69	48.19	52.21	50.69	4.31	ppb
Lead	207-1	54.18	47.82	54.43	52.14	7.18	ppb
Lead	208-1	53.46	47.25	52.36	51.02	6.49	ppb
Lithium	6-1				108		%
Magnesium	24-2	3899.06	3909.89	3879.12	3896.02	0.40	ppb
Manganese	55-2	624.09	625.37	622.48	623.98	0.23	ppb
Molybdenum	94-1	3.28	2.92	3.13	3.11	5.80	ppb
Molybdenum	95-1	0.41	0.40	0.36	0.39	6.87	ppb
Molybdenum	96-1	0.88	0.79	0.78	0.82	6.53	ppb
Molybdenum	97-1	0.40	0.39	0.38	0.39	2.95	ppb
Molybdenum	98-1	0.39	0.36	0.40	0.38	4.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.36	101.18	99.79	100.78	0.85	ppb
Phosphorus	31-2	665.75	624.60	650.62	646.99	3.22	ppb
Potassium	39-2	2147.82	2143.94	2140.11	2143.95	0.18	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	19.33	17.22	18.37	18.31	5.78	ppb
Selenium	77-2	25.94	24.84	22.73	24.50	6.65	ppb
Selenium	78-2	17.49	18.60	14.87	16.99	11.28	ppb
Silicon	28-1	713.43	642.84	750.97	702.41	7.82	ppb
Silver	107-1	7.97	7.68	7.45	7.70	3.40	ppb
Silver	109-1	8.18	7.36	7.43	7.66	5.95	ppb
Sodium	23-2	73.42	74.54	71.66	73.21	1.99	ppb
Strontium	86-1	24.96	22.26	24.52	23.92	6.05	ppb
Strontium	88-1	25.62	22.45	23.94	24.00	6.61	ppb
Sulfur	34-1	1248.45	185.14	581.46	671.68	80.00	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	7.71	6.94	7.92	7.52	6.90	ppb
Thallium	205-1	8.14	7.03	7.78	7.65	7.40	ppb
Tin	118-1	0.81	0.73	0.82	0.79	6.63	ppb
Titanium	47-1	238.99	222.25	245.51	235.58	5.09	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:56:51	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.18	0.19	0.20	11.84	ppb
Vanadium	51-2	121.04	120.31	120.95	120.77	0.33	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	284.00	285.52	286.19	285.24	0.39	ppb
Zirconium	90-1	1.71	1.63	1.69	1.68	2.30	ppb
Zirconium	91-1	1.79	1.51	1.73	1.68	8.77	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:00:06	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10354.98	10177.26	10268.91	10267.05	0.87	ppb
Antimony	121-1	63.45	65.31	64.92	64.56	1.51	ppb
Arsenic	75-2	82.58	82.58	80.96	82.04	1.14	ppb
Barium	135-1	1347.82	1383.85	1422.56	1384.74	2.70	ppb
Barium	137-1	1366.83	1406.86	1412.90	1395.53	1.79	ppb
Beryllium	9-1	33.38	33.13	33.76	33.42	0.94	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.06	30.14	31.00	31.07	3.09	ppb
Cadmium	106-1	31.35	29.32	33.84	31.50	7.19	ppb
Cadmium	111-1	34.19	35.09	34.84	34.71	1.34	ppb
Calcium	43-1	4887.76	5025.82	4952.78	4955.45	1.39	ppb
Calcium	44-1	4707.31	4790.30	4757.14	4751.58	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145.45	145.36	144.70	145.17	0.28	ppb
Cobalt	59-2	345.53	341.59	338.38	341.84	1.05	ppb
Copper	63-2	202.53	201.85	199.04	201.14	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				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	20011.42	20024.43	20118.75	20051.53	0.29	ppb
Iron	57-2	20061.84	20011.00	19996.91	20023.25	0.17	ppb
Iron	54-2	20314.67	20189.12	19636.20	20046.66	1.80	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:00:06	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.72	52.36	53.10	52.40	1.32	ppb
Lead	207-1	54.13	53.45	53.93	53.84	0.65	ppb
Lead	208-1	52.70	52.44	53.30	52.81	0.84	ppb
Lithium	6-1				105		%
Magnesium	24-2	3448.39	3453.39	3458.66	3453.48	0.15	ppb
Manganese	55-2	829.96	811.98	820.14	820.69	1.10	ppb
Molybdenum	94-1	2.59	2.65	2.67	2.64	1.57	ppb
Molybdenum	95-1	0.30	0.26	0.26	0.28	8.84	ppb
Molybdenum	96-1	0.66	0.69	0.66	0.67	2.63	ppb
Molybdenum	97-1	0.23	0.28	0.30	0.27	12.96	ppb
Molybdenum	98-1	0.25	0.28	0.27	0.27	5.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	353.75	356.03	352.37	354.05	0.52	ppb
Phosphorus	31-2	559.36	577.00	569.78	568.71	1.56	ppb
Potassium	39-2	1919.21	1911.47	1904.74	1911.81	0.38	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	75.54	74.83	71.97	74.11	2.55	ppb
Selenium	77-2	79.89	70.21	76.27	75.46	6.48	ppb
Selenium	78-2	74.74	80.61	66.50	73.95	9.58	ppb
Silicon	28-1	597.83	621.00	598.53	605.79	2.18	ppb
Silver	107-1	23.13	24.13	24.11	23.79	2.40	ppb
Silver	109-1	23.16	23.85	23.98	23.67	1.87	ppb
Sodium	23-2	67.87	67.66	68.52	68.02	0.66	ppb
Strontium	86-1	20.58	20.87	20.51	20.65	0.91	ppb
Strontium	88-1	20.58	20.67	20.80	20.68	0.54	ppb
Sulfur	34-1	114.03	209.44	-80.82	80.89	182.90	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	28.28	28.63	28.45	28.45	0.62	ppb
Thallium	205-1	28.25	28.16	28.38	28.27	0.39	ppb
Tin	118-1	0.63	0.67	0.61	0.64	4.31	ppb
Titanium	47-1	204.10	206.67	208.57	206.44	1.09	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:00:06	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.16	0.17	1.13	ppb
Vanadium	51-2	363.63	363.83	360.42	362.63	0.53	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	505.70	498.62	502.84	502.38	0.71	ppb
Zirconium	90-1	1.38	1.43	1.44	1.42	2.24	ppb
Zirconium	91-1	1.50	1.45	1.42	1.46	2.56	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10A	Instrumnet Name :	P7
Client Sample ID :	MYDB51ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:06:33	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36912.84	37083.74	37762.10	37252.89	1.21	ppb
Antimony	121-1	2.22	2.24	2.51	2.32	7.14	ppb
Arsenic	75-2	675.79	687.03	702.72	688.51	1.96	ppb
Barium	135-1	335.32	333.58	370.88	346.59	6.07	ppb
Barium	137-1	331.19	335.16	368.66	345.00	5.97	ppb
Beryllium	9-1	1.38	1.24	1.54	1.39	11.06	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.54	3.74	4.62	3.96	14.50	ppb
Cadmium	106-1	3.98	5.15	5.12	4.75	14.03	ppb
Cadmium	111-1	3.24	3.24	3.60	3.36	6.20	ppb
Calcium	43-1	20849.31	21296.76	23922.42	22022.83	7.54	ppb
Calcium	44-1	20262.60	20571.21	22775.45	21203.09	6.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.06	45.87	46.19	45.71	1.27	ppb
Cobalt	59-2	28.37	28.64	29.61	28.87	2.26	ppb
Copper	63-2	192.64	196.44	198.46	195.85	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				103		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	79146.82	80815.89	81650.22	80537.64	1.58	ppb
Iron	57-2	79160.87	79596.83	80547.95	79768.55	0.89	ppb
Iron	54-2	79097.60	79876.49	81712.74	80228.94	1.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10A	Instrumnet Name :	P7
Client Sample ID :	MYDB51ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:06:33	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	549.85	551.72	609.44	570.34	5.94	ppb
Lead	207-1	569.04	574.25	625.13	589.48	5.26	ppb
Lead	208-1	559.27	559.24	618.23	578.91	5.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	14039.32	14198.39	14458.87	14232.19	1.49	ppb
Manganese	55-2	1967.45	2000.48	2064.38	2010.77	2.45	ppb
Molybdenum	94-1	11.24	11.68	13.09	12.00	8.02	ppb
Molybdenum	95-1	1.03	1.06	1.21	1.10	8.84	ppb
Molybdenum	96-1	2.50	2.58	2.84	2.64	6.73	ppb
Molybdenum	97-1	1.05	0.98	1.16	1.06	8.61	ppb
Molybdenum	98-1	1.01	1.00	1.16	1.05	8.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.91	40.24	41.13	40.43	1.57	ppb
Phosphorus	31-2	2367.94	2498.40	2547.36	2471.23	3.75	ppb
Potassium	39-2	7584.65	7677.87	7806.21	7689.58	1.45	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	1.30	2.81	2.95	2.36	38.90	ppb
Selenium	77-2	17.07	13.78	15.97	15.61	10.74	ppb
Selenium	78-2	2.58	6.70	6.68	5.32	44.60	ppb
Silicon	28-1	2800.34	2895.21	3231.58	2975.71	7.62	ppb
Silver	107-1	2.33	2.47	2.61	2.47	5.63	ppb
Silver	109-1	2.27	2.31	2.64	2.41	8.39	ppb
Sodium	23-2	227.51	234.78	241.57	234.62	3.00	ppb
Strontium	86-1	86.71	88.12	99.37	91.40	7.60	ppb
Strontium	88-1	89.28	90.08	102.90	94.09	8.12	ppb
Sulfur	34-1	3700.74	3782.41	5212.13	4231.76	20.09	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	2.32	2.30	2.67	2.43	8.59	ppb
Thallium	205-1	2.24	2.32	2.63	2.40	8.46	ppb
Tin	118-1	2.99	2.88	3.33	3.07	7.68	ppb
Titanium	47-1	909.36	930.16	1050.20	963.24	7.89	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10A	Instrumnet Name :	P7
Client Sample ID :	MYDB51ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:06:33	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.69	0.78	0.71	8.71	ppb
Vanadium	51-2	125.20	127.75	129.61	127.52	1.74	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	736.32	744.17	756.05	745.51	1.33	ppb
Zirconium	90-1	6.34	6.44	7.29	6.69	7.80	ppb
Zirconium	91-1	6.66	6.37	7.60	6.87	9.39	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:09:39	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12306.83	12351.87	12314.38	12324.36	0.20	ppb
Antimony	121-1	0.16	0.16	0.16	0.16	2.20	ppb
Arsenic	75-2	11.47	12.42	12.04	11.97	4.00	ppb
Barium	135-1	93.41	90.18	91.75	91.78	1.76	ppb
Barium	137-1	92.90	91.80	94.69	93.13	1.57	ppb
Beryllium	9-1	0.45	0.49	0.43	0.46	6.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.16	0.13	0.20	48.59	ppb
Cadmium	106-1	0.55	0.25	0.60	0.46	41.00	ppb
Cadmium	111-1	0.11	0.07	0.14	0.11	34.29	ppb
Calcium	43-1	4643.32	4654.51	4687.61	4661.81	0.49	ppb
Calcium	44-1	4683.58	4401.93	4537.52	4541.01	3.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.28	11.40	11.08	11.25	1.42	ppb
Cobalt	59-2	8.95	9.11	8.99	9.02	0.93	ppb
Copper	63-2	19.70	19.97	19.69	19.79	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				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	22797.29	22860.80	22661.62	22773.24	0.45	ppb
Iron	57-2	22864.77	23110.64	22677.55	22884.32	0.95	ppb
Iron	54-2	22629.86	22955.41	22523.89	22703.05	0.99	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:09:39	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.92	5.89	6.26	6.03	3.42	ppb
Lead	207-1	5.48	5.81	5.87	5.72	3.60	ppb
Lead	208-1	5.64	5.69	5.91	5.75	2.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	4628.92	4652.50	4607.71	4629.71	0.48	ppb
Manganese	55-2	367.31	368.64	365.49	367.15	0.43	ppb
Molybdenum	94-1	4.45	4.42	4.36	4.41	1.10	ppb
Molybdenum	95-1	0.27	0.20	0.19	0.22	20.15	ppb
Molybdenum	96-1	0.95	0.79	0.77	0.83	11.76	ppb
Molybdenum	97-1	0.38	0.18	0.14	0.23	55.30	ppb
Molybdenum	98-1	0.31	0.16	0.16	0.21	41.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.59	10.32	10.14	10.35	2.20	ppb
Phosphorus	31-2	498.27	501.64	469.79	489.90	3.57	ppb
Potassium	39-2	873.73	884.83	868.93	875.83	0.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.10	1.13	0.71	0.58	107.61	ppb
Selenium	77-2	5.04	5.84	5.74	5.54	7.89	ppb
Selenium	78-2	-0.16	-0.17	2.62	0.76	210.05	ppb
Silicon	28-1	636.93	649.16	625.45	637.18	1.86	ppb
Silver	107-1	0.07	0.06	0.06	0.06	8.63	ppb
Silver	109-1	0.07	0.06	0.05	0.06	16.78	ppb
Sodium	23-2	85.55	82.77	83.74	84.02	1.68	ppb
Strontium	86-1	22.09	22.90	22.34	22.44	1.84	ppb
Strontium	88-1	21.92	22.24	22.26	22.14	0.86	ppb
Sulfur	34-1	-1586.94	-1701.94	-1908.16	-1732.34		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.16	0.14	0.15	0.15	5.65	ppb
Thallium	205-1	0.16	0.15	0.14	0.15	9.04	ppb
Tin	118-1	0.60	0.63	0.71	0.64	8.70	ppb
Titanium	47-1	199.35	204.92	200.48	201.58	1.46	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:09:39	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.20	0.22	0.20	8.69	ppb
Vanadium	51-2	36.69	36.29	35.85	36.28	1.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	38.64	39.52	40.00	39.39	1.74	ppb
Zirconium	90-1	2.47	2.61	2.58	2.55	2.77	ppb
Zirconium	91-1	2.60	2.65	2.52	2.59	2.63	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:12:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12497.71	12528.36	12461.33	12495.80	0.27	ppb
Antimony	121-1	0.19	0.20	0.19	0.19	2.89	ppb
Arsenic	75-2	12.14	12.06	11.56	11.92	2.66	ppb
Barium	135-1	88.95	94.40	90.79	91.38	3.03	ppb
Barium	137-1	91.05	97.54	94.60	94.40	3.44	ppb
Beryllium	9-1	0.49	0.34	0.49	0.44	19.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.25	0.44	0.35	0.35	26.49	ppb
Cadmium	106-1	-0.02	0.96	0.43	0.46	107.30	ppb
Cadmium	111-1	0.07	0.13	0.11	0.10	30.27	ppb
Calcium	43-1	4534.21	4582.35	4702.54	4606.37	1.88	ppb
Calcium	44-1	4376.11	4423.05	4526.69	4441.95	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.02	12.12	12.26	12.13	0.99	ppb
Cobalt	59-2	9.02	9.30	9.18	9.17	1.54	ppb
Copper	63-2	20.04	20.43	20.42	20.30	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				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	22974.95	23002.26	22988.50	22988.57	0.06	ppb
Iron	57-2	22972.15	23137.32	23247.67	23119.05	0.60	ppb
Iron	54-2	22789.85	23483.19	23074.52	23115.85	1.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:12:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.05	6.01	5.98	6.02	0.55	ppb
Lead	207-1	5.58	5.59	6.08	5.75	4.94	ppb
Lead	208-1	5.69	5.74	5.82	5.75	1.22	ppb
Lithium	6-1				98		%
Magnesium	24-2	4687.07	4667.27	4672.62	4675.66	0.22	ppb
Manganese	55-2	371.17	374.20	375.25	373.54	0.57	ppb
Molybdenum	94-1	4.28	4.58	4.52	4.46	3.53	ppb
Molybdenum	95-1	0.20	0.25	0.25	0.23	14.28	ppb
Molybdenum	96-1	0.80	0.81	0.85	0.82	3.04	ppb
Molybdenum	97-1	0.20	0.22	0.27	0.23	15.83	ppb
Molybdenum	98-1	0.17	0.21	0.25	0.21	17.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.41	10.73	10.50	10.55	1.60	ppb
Phosphorus	31-2	496.58	487.78	493.77	492.71	0.91	ppb
Potassium	39-2	882.23	887.82	880.00	883.35	0.46	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.19	0.29	0.54	0.34	52.30	ppb
Selenium	77-2	2.17	6.07	3.18	3.81	53.12	ppb
Selenium	78-2	3.14	0.22	2.21	1.85	80.41	ppb
Silicon	28-1	593.31	587.00	615.63	598.65	2.51	ppb
Silver	107-1	0.04	0.04	0.04	0.04	7.41	ppb
Silver	109-1	0.04	0.05	0.05	0.05	10.09	ppb
Sodium	23-2	77.86	79.94	76.52	78.11	2.20	ppb
Strontium	86-1	22.62	22.53	23.65	22.93	2.72	ppb
Strontium	88-1	21.82	23.12	22.84	22.60	3.02	ppb
Sulfur	34-1	-1547.67	-1744.33	-1597.96	-1629.99		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.11	0.11	0.12	0.11	4.21	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	2.97	ppb
Tin	118-1	0.57	0.66	0.61	0.61	6.98	ppb
Titanium	47-1	200.14	199.52	211.86	203.84	3.41	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:12:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.22	0.21	0.21	3.24	ppb
Vanadium	51-2	36.10	36.89	36.50	36.50	1.08	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	58.92	60.96	59.68	59.86	1.72	ppb
Zirconium	90-1	2.55	2.66	2.70	2.64	2.81	ppb
Zirconium	91-1	2.78	2.78	2.81	2.79	0.46	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2419.41	2426.40	2426.73	2424.18	0.17	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	11.04	ppb
Arsenic	75-2	2.46	2.67	2.26	2.46	8.33	ppb
Barium	135-1	18.15	18.41	18.45	18.34	0.88	ppb
Barium	137-1	18.53	17.93	18.58	18.35	1.98	ppb
Beryllium	9-1	0.08	0.06	0.11	0.08	28.15	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.06	0.03	0.03	104.17	ppb
Cadmium	106-1	0.52	-1.28	-0.37	-0.38		ppb
Cadmium	111-1	0.07	-0.07	-0.01	0.00		ppb
Calcium	43-1	911.53	923.07	939.75	924.78	1.53	ppb
Calcium	44-1	914.58	933.72	921.60	923.30	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.26	2.19	2.24	2.23	1.64	ppb
Cobalt	59-2	1.86	1.79	1.78	1.81	2.32	ppb
Copper	63-2	3.92	4.22	4.03	4.06	3.68	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				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	4511.63	4579.23	4578.80	4556.55	0.85	ppb
Iron	57-2	4481.60	4564.61	4569.63	4538.61	1.09	ppb
Iron	54-2	4605.13	4660.47	4675.37	4646.99	0.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.19	1.20	1.16	1.18	1.64	ppb
Lead	207-1	1.12	1.12	1.17	1.14	2.45	ppb
Lead	208-1	1.15	1.11	1.15	1.14	1.93	ppb
Lithium	6-1				101		%
Magnesium	24-2	921.45	930.09	924.42	925.32	0.47	ppb
Manganese	55-2	73.28	73.40	73.72	73.47	0.30	ppb
Molybdenum	94-1	0.93	0.88	0.88	0.90	2.98	ppb
Molybdenum	95-1	0.10	0.09	0.10	0.10	7.73	ppb
Molybdenum	96-1	0.21	0.21	0.21	0.21	0.38	ppb
Molybdenum	97-1	0.09	0.07	0.08	0.08	13.80	ppb
Molybdenum	98-1	0.08	0.10	0.08	0.09	13.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.25	2.18	2.08	2.17	3.85	ppb
Phosphorus	31-2	76.97	85.76	80.35	81.03	5.47	ppb
Potassium	39-2	172.36	173.56	176.82	174.25	1.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.32	-0.45	0.62	0.16	338.34	ppb
Selenium	77-2	0.46	1.18	1.18	0.94	44.01	ppb
Selenium	78-2	0.19	-1.26	-0.61	-0.56		ppb
Silicon	28-1	135.75	134.04	129.38	133.06	2.48	ppb
Silver	107-1	0.02	0.01	0.02	0.02	28.43	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.44	ppb
Sodium	23-2	30.90	32.52	29.52	30.98	4.84	ppb
Strontium	86-1	4.50	4.49	4.65	4.54	1.96	ppb
Strontium	88-1	4.57	4.58	4.59	4.58	0.30	ppb
Sulfur	34-1	-1379.02	-1487.14	-1695.96	-1520.71		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.51	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	8.11	ppb
Tin	118-1	0.11	0.15	0.18	0.15	21.83	ppb
Titanium	47-1	38.50	39.97	39.09	39.19	1.89	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	6.16	ppb
Vanadium	51-2	7.20	7.04	7.22	7.15	1.41	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	7.71	8.11	7.95	7.92	2.55	ppb
Zirconium	90-1	0.50	0.51	0.48	0.50	3.83	ppb
Zirconium	91-1	0.47	0.49	0.54	0.50	6.99	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:19:23	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12516.19	12476.50	12301.87	12431.52	0.92	ppb
Antimony	121-1	16.67	17.37	16.91	16.98	2.10	ppb
Arsenic	75-2	18.07	18.17	18.37	18.20	0.85	ppb
Barium	135-1	393.04	402.80	387.60	394.48	1.95	ppb
Barium	137-1	393.03	398.18	407.78	399.66	1.87	ppb
Beryllium	9-1	8.89	8.56	8.91	8.79	2.26	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.74	8.73	8.51	8.32	6.22	ppb
Cadmium	106-1	8.92	8.70	7.95	8.53	6.02	ppb
Cadmium	111-1	8.78	9.68	9.07	9.18	5.02	ppb
Calcium	43-1	4675.87	4765.03	4758.27	4733.06	1.05	ppb
Calcium	44-1	4440.57	4623.27	4577.19	4547.01	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.14	45.31	45.04	45.16	0.30	ppb
Cobalt	59-2	92.15	93.09	91.98	92.41	0.64	ppb
Copper	63-2	58.79	59.25	59.80	59.28	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				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	22700.38	22840.96	22732.51	22757.95	0.32	ppb
Iron	57-2	22784.75	22867.16	22845.42	22832.44	0.19	ppb
Iron	54-2	22874.24	23141.06	22608.92	22874.74	1.16	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:19:23	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.86	8.45	8.92	8.75	2.92	ppb
Lead	207-1	8.53	7.91	8.71	8.38	5.03	ppb
Lead	208-1	8.57	8.21	8.70	8.49	2.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	4565.94	4598.83	4561.92	4575.56	0.44	ppb
Manganese	55-2	447.55	453.15	447.56	449.42	0.72	ppb
Molybdenum	94-1	4.33	4.24	4.57	4.38	3.87	ppb
Molybdenum	95-1	0.17	0.17	0.17	0.17	1.28	ppb
Molybdenum	96-1	0.72	0.73	0.76	0.74	2.69	ppb
Molybdenum	97-1	0.17	0.15	0.16	0.16	8.31	ppb
Molybdenum	98-1	0.16	0.16	0.17	0.17	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.69	97.10	96.26	97.02	0.74	ppb
Phosphorus	31-2	492.07	481.14	473.28	482.16	1.96	ppb
Potassium	39-2	864.48	877.28	869.47	870.41	0.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	20.46	18.73	19.87	19.69	4.46	ppb
Selenium	77-2	29.08	21.84	21.29	24.07	18.07	ppb
Selenium	78-2	22.71	22.41	22.74	22.62	0.80	ppb
Silicon	28-1	605.75	593.83	611.06	603.54	1.46	ppb
Silver	107-1	6.64	6.91	6.59	6.71	2.62	ppb
Silver	109-1	6.57	6.61	6.96	6.72	3.22	ppb
Sodium	23-2	80.59	82.03	83.32	81.98	1.67	ppb
Strontium	86-1	21.89	20.79	22.46	21.72	3.91	ppb
Strontium	88-1	21.91	20.95	22.52	21.79	3.62	ppb
Sulfur	34-1	-1675.39	-1953.97	-1769.04	-1799.47		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	7.45	6.85	7.65	7.32	5.71	ppb
Thallium	205-1	7.43	7.27	7.62	7.44	2.36	ppb
Tin	118-1	1.59	1.64	1.62	1.61	1.58	ppb
Titanium	47-1	194.99	193.31	199.09	195.80	1.52	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:19:23	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.19	0.22	0.21	7.81	ppb
Vanadium	51-2	118.95	119.16	118.76	118.96	0.17	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	146.12	145.89	145.04	145.69	0.39	ppb
Zirconium	90-1	2.53	2.43	2.57	2.51	2.94	ppb
Zirconium	91-1	2.55	2.46	2.64	2.55	3.51	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:22:36	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12940.39	13204.49	12903.54	13016.14	1.26	ppb
Antimony	121-1	69.59	71.20	71.78	70.86	1.60	ppb
Arsenic	75-2	40.78	40.71	39.60	40.37	1.64	ppb
Barium	135-1	1513.10	1539.82	1555.32	1536.08	1.39	ppb
Barium	137-1	1499.23	1546.70	1537.38	1527.77	1.65	ppb
Beryllium	9-1	35.41	36.83	36.56	36.27	2.08	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.42	35.95	34.23	34.53	3.73	ppb
Cadmium	106-1	31.77	33.85	34.83	33.48	4.67	ppb
Cadmium	111-1	36.69	37.38	38.03	37.37	1.79	ppb
Calcium	43-1	4412.69	4437.79	4505.05	4451.84	1.07	ppb
Calcium	44-1	4403.89	4424.11	4534.85	4454.28	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	157.27	157.64	156.75	157.22	0.28	ppb
Cobalt	59-2	380.63	384.39	379.16	381.39	0.71	ppb
Copper	63-2	186.99	188.74	186.92	187.55	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				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	22619.20	22551.86	22400.36	22523.81	0.50	ppb
Iron	57-2	22645.01	22620.09	22511.32	22592.14	0.31	ppb
Iron	54-2	22738.60	22635.07	22850.23	22741.30	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:22:36	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.18	18.37	18.20	18.25	0.58	ppb
Lead	207-1	17.33	17.82	17.77	17.64	1.54	ppb
Lead	208-1	17.74	18.15	17.77	17.89	1.29	ppb
Lithium	6-1				100		%
Magnesium	24-2	4395.90	4440.29	4398.50	4411.56	0.56	ppb
Manganese	55-2	712.01	714.52	707.19	711.24	0.52	ppb
Molybdenum	94-1	4.31	4.24	4.32	4.29	0.95	ppb
Molybdenum	95-1	0.18	0.15	0.19	0.18	10.76	ppb
Molybdenum	96-1	0.77	0.72	0.75	0.75	3.97	ppb
Molybdenum	97-1	0.14	0.18	0.16	0.16	11.26	ppb
Molybdenum	98-1	0.18	0.17	0.18	0.17	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	382.12	385.17	383.50	383.60	0.40	ppb
Phosphorus	31-2	449.39	465.88	464.33	459.87	1.98	ppb
Potassium	39-2	820.04	831.46	827.47	826.32	0.70	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	71.52	69.73	70.99	70.75	1.30	ppb
Selenium	77-2	79.84	64.93	67.51	70.76	11.26	ppb
Selenium	78-2	72.64	76.18	74.92	74.58	2.40	ppb
Silicon	28-1	584.34	578.55	599.41	587.44	1.83	ppb
Silver	107-1	22.34	22.91	22.94	22.73	1.48	ppb
Silver	109-1	22.49	22.82	22.82	22.71	0.83	ppb
Sodium	23-2	67.65	69.02	69.03	68.57	1.16	ppb
Strontium	86-1	21.16	21.31	20.96	21.15	0.83	ppb
Strontium	88-1	21.27	21.36	21.31	21.31	0.20	ppb
Sulfur	34-1	-1889.20	-2075.15	-1966.55	-1976.97		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	31.47	31.71	31.39	31.52	0.54	ppb
Thallium	205-1	31.11	31.66	31.44	31.40	0.88	ppb
Tin	118-1	0.53	0.59	0.58	0.57	5.82	ppb
Titanium	47-1	189.17	188.50	195.46	191.04	2.01	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:22:36	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.19	0.18	0.18	3.39	ppb
Vanadium	51-2	395.04	395.38	395.25	395.22	0.04	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	386.84	386.24	386.76	386.62	0.08	ppb
Zirconium	90-1	2.44	2.40	2.44	2.43	1.09	ppb
Zirconium	91-1	2.48	2.49	2.54	2.50	1.33	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16A	Instrumnet Name :	P7
Client Sample ID :	MYDB88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:25:47	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47112.18	47840.06	48134.81	47695.68	1.10	ppb
Antimony	121-1	0.53	0.54	0.56	0.54	2.32	ppb
Arsenic	75-2	46.10	44.70	45.46	45.42	1.54	ppb
Barium	135-1	373.48	382.78	380.67	378.98	1.29	ppb
Barium	137-1	371.30	378.30	377.67	375.75	1.03	ppb
Beryllium	9-1	1.68	1.64	1.94	1.75	9.25	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	1.08	0.88	1.01	10.80	ppb
Cadmium	106-1	3.34	2.07	0.98	2.13	55.30	ppb
Cadmium	111-1	0.51	0.43	0.32	0.42	21.80	ppb
Calcium	43-1	17603.23	18256.19	17592.05	17817.16	2.13	ppb
Calcium	44-1	17074.96	17890.41	17089.39	17351.59	2.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.82	43.90	44.06	43.92	0.28	ppb
Cobalt	59-2	35.10	35.40	35.45	35.32	0.53	ppb
Copper	63-2	76.49	76.34	77.00	76.61	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				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	88276.18	89935.91	89568.04	89260.05	0.98	ppb
Iron	57-2	86869.48	87066.97	88048.34	87328.26	0.72	ppb
Iron	54-2	88620.45	88496.84	89147.71	88755.00	0.39	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16A	Instrumnet Name :	P7
Client Sample ID :	MYDB88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:25:47	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.19	23.46	23.67	23.44	1.02	ppb
Lead	207-1	21.83	22.01	22.28	22.04	1.03	ppb
Lead	208-1	22.29	22.43	22.62	22.44	0.73	ppb
Lithium	6-1				98		%
Magnesium	24-2	17719.27	17681.37	17694.54	17698.39	0.11	ppb
Manganese	55-2	1435.10	1445.12	1427.64	1435.95	0.61	ppb
Molybdenum	94-1	15.47	16.20	15.99	15.89	2.36	ppb
Molybdenum	95-1	0.61	0.65	0.71	0.66	7.63	ppb
Molybdenum	96-1	2.58	2.76	2.71	2.68	3.50	ppb
Molybdenum	97-1	0.66	0.72	0.66	0.68	5.00	ppb
Molybdenum	98-1	0.62	0.64	0.67	0.64	4.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.73	41.00	40.84	40.86	0.33	ppb
Phosphorus	31-2	1884.89	1887.52	1908.70	1893.70	0.69	ppb
Potassium	39-2	3216.09	3252.07	3282.14	3250.10	1.02	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	0.80	1.38	0.57	0.92	45.34	ppb
Selenium	77-2	20.34	22.28	18.64	20.42	8.91	ppb
Selenium	78-2	1.16	3.61	2.75	2.50	49.68	ppb
Silicon	28-1	2707.13	2718.89	2658.38	2694.80	1.19	ppb
Silver	107-1	1.41	1.41	1.36	1.39	1.92	ppb
Silver	109-1	1.34	1.34	1.28	1.32	2.66	ppb
Sodium	23-2	231.56	239.83	237.62	236.34	1.81	ppb
Strontium	86-1	81.98	84.69	84.90	83.86	1.95	ppb
Strontium	88-1	85.98	86.26	87.60	86.62	1.00	ppb
Sulfur	34-1	-2703.19	-2640.84	-2874.27	-2739.43		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.24	0.24	0.28	0.25	8.03	ppb
Thallium	205-1	0.24	0.27	0.25	0.25	5.19	ppb
Tin	118-1	2.34	2.44	2.36	2.38	2.33	ppb
Titanium	47-1	780.75	802.80	791.11	791.56	1.39	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16A	Instrumnet Name :	P7
Client Sample ID :	MYDB88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:25:47	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.83	0.81	0.82	1.59	ppb
Vanadium	51-2	141.63	141.32	141.66	141.53	0.13	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	157.61	157.21	153.19	156.00	1.57	ppb
Zirconium	90-1	8.90	9.29	9.32	9.17	2.56	ppb
Zirconium	91-1	9.00	9.41	9.22	9.21	2.23	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:28:55	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8885.78	8763.08	8733.30	8794.06	0.92	ppb
Antimony	121-1	0.41	0.43	0.40	0.41	3.48	ppb
Arsenic	75-2	19.37	19.71	20.05	19.71	1.71	ppb
Barium	135-1	85.82	86.44	90.08	87.45	2.63	ppb
Barium	137-1	85.07	87.02	85.73	85.94	1.15	ppb
Beryllium	9-1	0.20	0.37	0.25	0.27	31.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.76	0.48	0.57	27.75	ppb
Cadmium	106-1	1.27	0.68	0.58	0.84	44.14	ppb
Cadmium	111-1	0.63	0.52	0.53	0.56	10.13	ppb
Calcium	43-1	7387.31	7563.88	7190.35	7380.51	2.53	ppb
Calcium	44-1	7195.39	7040.26	7113.91	7116.52	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.79	18.82	18.72	18.78	0.28	ppb
Cobalt	59-2	8.47	8.55	8.58	8.53	0.67	ppb
Copper	63-2	83.43	84.59	82.79	83.60	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				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	18769.80	18883.31	18510.16	18721.09	1.02	ppb
Iron	57-2	18888.52	19036.75	18723.55	18882.94	0.83	ppb
Iron	54-2	18943.33	18904.96	18732.27	18860.18	0.60	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:28:55	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.18	43.95	46.70	44.28	5.14	ppb
Lead	207-1	39.78	41.92	43.23	41.64	4.19	ppb
Lead	208-1	41.02	43.69	43.80	42.84	3.68	ppb
Lithium	6-1				103		%
Magnesium	24-2	4136.88	4213.12	4127.42	4159.14	1.13	ppb
Manganese	55-2	312.45	315.82	311.74	313.34	0.70	ppb
Molybdenum	94-1	2.31	2.48	2.38	2.39	3.60	ppb
Molybdenum	95-1	0.22	0.20	0.26	0.23	12.38	ppb
Molybdenum	96-1	0.52	0.54	0.57	0.54	4.74	ppb
Molybdenum	97-1	0.23	0.21	0.27	0.24	13.62	ppb
Molybdenum	98-1	0.21	0.23	0.23	0.22	5.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.41	14.45	14.52	14.46	0.37	ppb
Phosphorus	31-2	511.91	538.86	510.14	520.30	3.09	ppb
Potassium	39-2	1983.79	2000.12	1961.65	1981.85	0.97	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.26	0.38	0.38	0.34	20.46	ppb
Selenium	77-2	4.30	2.93	2.60	3.28	27.62	ppb
Selenium	78-2	-1.20	1.35	-0.83	-0.23		ppb
Silicon	28-1	515.60	526.66	528.64	523.63	1.34	ppb
Silver	107-1	0.21	0.20	0.20	0.21	2.58	ppb
Silver	109-1	0.20	0.20	0.22	0.21	4.66	ppb
Sodium	23-2	207.20	210.78	209.77	209.25	0.88	ppb
Strontium	86-1	24.37	25.85	26.80	25.68	4.78	ppb
Strontium	88-1	24.57	26.58	25.98	25.71	4.01	ppb
Sulfur	34-1	-1553.99	-1622.86	-1876.60	-1684.48		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.10	0.11	0.10	8.22	ppb
Thallium	205-1	0.13	0.12	0.11	0.12	8.23	ppb
Tin	118-1	8.27	8.57	8.52	8.45	1.87	ppb
Titanium	47-1	226.08	230.34	229.35	228.59	0.98	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:28:55	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.20	0.20	0.19	4.08	ppb
Vanadium	51-2	36.44	36.38	35.54	36.12	1.39	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	112.74	114.62	111.97	113.11	1.20	ppb
Zirconium	90-1	1.30	1.36	1.44	1.37	5.15	ppb
Zirconium	91-1	1.29	1.46	1.37	1.37	6.16	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:32:10	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8990.57	8629.83	8733.61	8784.67	2.11	ppb
Antimony	121-1	0.43	0.44	0.39	0.42	6.92	ppb
Arsenic	75-2	18.84	19.69	19.45	19.32	2.26	ppb
Barium	135-1	78.87	87.14	78.68	81.56	5.92	ppb
Barium	137-1	81.95	86.24	83.54	83.91	2.58	ppb
Beryllium	9-1	0.35	0.30	0.29	0.32	11.02	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.47	0.62	0.49	0.53	14.87	ppb
Cadmium	106-1	0.50	0.02	0.64	0.39	84.34	ppb
Cadmium	111-1	0.49	0.54	0.56	0.53	7.16	ppb
Calcium	43-1	7405.02	7544.13	7352.44	7433.86	1.33	ppb
Calcium	44-1	7103.33	6987.26	7165.24	7085.27	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.53	18.58	18.37	18.49	0.60	ppb
Cobalt	59-2	8.67	8.49	8.72	8.62	1.40	ppb
Copper	63-2	86.65	84.55	84.90	85.36	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	19033.81	19011.79	18932.15	18992.58	0.28	ppb
Iron	57-2	19138.22	19103.99	19195.68	19145.97	0.24	ppb
Iron	54-2	19280.06	19171.95	19209.69	19220.56	0.29	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:32:10	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.80	41.89	42.81	42.50	1.25	ppb
Lead	207-1	43.48	39.28	43.48	42.08	5.76	ppb
Lead	208-1	41.92	41.36	42.00	41.76	0.83	ppb
Lithium	6-1				99		%
Magnesium	24-2	4232.47	4170.11	4183.14	4195.24	0.78	ppb
Manganese	55-2	317.17	314.97	315.49	315.88	0.36	ppb
Molybdenum	94-1	2.41	2.37	2.46	2.42	1.82	ppb
Molybdenum	95-1	0.29	0.31	0.33	0.31	7.00	ppb
Molybdenum	96-1	0.64	0.63	0.70	0.66	5.67	ppb
Molybdenum	97-1	0.31	0.27	0.30	0.30	6.76	ppb
Molybdenum	98-1	0.28	0.28	0.31	0.29	6.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.65	14.33	14.24	14.41	1.48	ppb
Phosphorus	31-2	532.72	532.87	525.53	530.37	0.79	ppb
Potassium	39-2	1992.28	1979.65	1989.62	1987.18	0.34	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.46	1.09	0.55	0.70	48.91	ppb
Selenium	77-2	1.89	2.90	2.90	2.56	22.71	ppb
Selenium	78-2	-0.71	-0.59	0.68	-0.21		ppb
Silicon	28-1	490.67	471.31	479.94	480.64	2.02	ppb
Silver	107-1	0.18	0.23	0.19	0.20	14.69	ppb
Silver	109-1	0.21	0.20	0.20	0.20	3.16	ppb
Sodium	23-2	208.05	208.19	206.12	207.46	0.56	ppb
Strontium	86-1	27.55	25.53	26.94	26.68	3.89	ppb
Strontium	88-1	25.76	26.33	26.55	26.21	1.56	ppb
Sulfur	34-1	-1200.75	-1544.50	-1458.03	-1401.09		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.08	0.12	0.10	21.09	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	5.68	ppb
Tin	118-1	10.04	10.28	9.94	10.09	1.73	ppb
Titanium	47-1	239.39	226.54	232.75	232.89	2.76	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:32:10	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.19	0.20	0.20	1.32	ppb
Vanadium	51-2	36.72	36.01	36.06	36.26	1.08	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	114.65	113.03	114.12	113.93	0.73	ppb
Zirconium	90-1	1.30	1.30	1.33	1.31	1.46	ppb
Zirconium	91-1	1.32	1.27	1.46	1.35	7.45	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDBA0L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:35:22	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1738.32	1724.85	1737.45	1733.54	0.43	ppb
Antimony	121-1	0.09	0.09	0.08	0.09	6.41	ppb
Arsenic	75-2	3.87	3.80	3.98	3.88	2.36	ppb
Barium	135-1	18.36	17.01	16.66	17.34	5.17	ppb
Barium	137-1	18.65	16.91	16.66	17.40	6.24	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	11.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.13	0.16	0.12	33.74	ppb
Cadmium	106-1	0.56	0.46	0.45	0.49	12.56	ppb
Cadmium	111-1	0.16	0.10	0.14	0.13	24.76	ppb
Calcium	43-1	1632.72	1505.03	1460.70	1532.82	5.83	ppb
Calcium	44-1	1641.11	1492.71	1488.81	1540.88	5.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.85	3.56	3.84	3.75	4.43	ppb
Cobalt	59-2	1.67	1.65	1.65	1.66	0.52	ppb
Copper	63-2	16.66	16.89	16.47	16.68	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	3697.47	3700.19	3733.62	3710.42	0.54	ppb
Iron	57-2	3739.37	3734.24	3757.32	3743.65	0.32	ppb
Iron	54-2	3802.61	3810.02	3817.12	3809.92	0.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDBA0L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:35:22	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.45	8.71	8.69	8.95	4.87	ppb
Lead	207-1	9.34	8.42	8.60	8.79	5.51	ppb
Lead	208-1	9.35	8.46	8.53	8.78	5.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	826.31	824.92	827.26	826.16	0.14	ppb
Manganese	55-2	62.29	62.80	62.47	62.52	0.42	ppb
Molybdenum	94-1	0.57	0.46	0.46	0.49	13.07	ppb
Molybdenum	95-1	0.05	0.04	0.03	0.04	31.00	ppb
Molybdenum	96-1	0.13	0.10	0.12	0.12	14.40	ppb
Molybdenum	97-1	0.03	0.01	0.07	0.04	74.08	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	21.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.80	2.95	2.73	2.83	3.86	ppb
Phosphorus	31-2	87.87	98.81	83.30	89.99	8.85	ppb
Potassium	39-2	391.71	389.38	388.26	389.78	0.45	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.86	-0.32	0.82	0.45	147.38	ppb
Selenium	77-2	0.12	1.20	0.84	0.72	76.69	ppb
Selenium	78-2	0.05	0.97	-0.04	0.33	171.61	ppb
Silicon	28-1	117.72	103.23	102.97	107.97	7.82	ppb
Silver	107-1	0.05	0.04	0.04	0.04	13.27	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.24	ppb
Sodium	23-2	54.22	53.65	51.81	53.23	2.37	ppb
Strontium	86-1	6.08	5.22	5.37	5.56	8.24	ppb
Strontium	88-1	5.79	5.23	5.25	5.42	5.88	ppb
Sulfur	34-1	-661.05	-1553.69	-1655.69	-1290.14		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.03	0.04	0.04	24.57	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	16.55	ppb
Tin	118-1	1.87	1.72	1.72	1.77	4.99	ppb
Titanium	47-1	51.23	46.28	46.82	48.11	5.65	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDBA0L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:35:22	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.03	0.04	12.41	ppb
Vanadium	51-2	7.27	7.14	7.10	7.17	1.20	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	22.58	22.71	20.86	22.05	4.70	ppb
Zirconium	90-1	0.30	0.29	0.28	0.29	4.16	ppb
Zirconium	91-1	0.30	0.30	0.27	0.29	6.88	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:38:40	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9203.13	8892.24	9104.35	9066.58	1.75	ppb
Antimony	121-1	16.51	17.40	17.03	16.98	2.66	ppb
Arsenic	75-2	25.62	25.81	25.69	25.71	0.37	ppb
Barium	135-1	437.35	421.37	439.47	432.73	2.29	ppb
Barium	137-1	425.63	424.47	431.89	427.33	0.93	ppb
Beryllium	9-1	10.13	9.77	8.92	9.61	6.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.26	8.11	8.35	8.24	1.46	ppb
Cadmium	106-1	8.17	8.65	7.41	8.08	7.74	ppb
Cadmium	111-1	8.94	9.37	9.98	9.43	5.55	ppb
Calcium	43-1	7132.76	7766.91	7259.73	7386.46	4.54	ppb
Calcium	44-1	7065.34	7183.09	7195.42	7147.95	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.66	57.13	56.78	56.86	0.43	ppb
Cobalt	59-2	102.91	101.94	103.71	102.85	0.86	ppb
Copper	63-2	127.60	128.19	127.66	127.82	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				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	19029.67	18866.85	18857.10	18917.87	0.51	ppb
Iron	57-2	19103.94	19036.01	19174.54	19104.83	0.36	ppb
Iron	54-2	19086.07	19051.74	19015.42	19051.08	0.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:38:40	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.45	46.27	45.44	46.72	3.33	ppb
Lead	207-1	46.17	43.39	42.26	43.94	4.59	ppb
Lead	208-1	46.13	46.16	43.39	45.23	3.52	ppb
Lithium	6-1				101		%
Magnesium	24-2	4177.61	4170.22	4188.97	4178.93	0.23	ppb
Manganese	55-2	408.66	406.82	408.81	408.10	0.27	ppb
Molybdenum	94-1	2.55	2.49	2.44	2.50	2.21	ppb
Molybdenum	95-1	0.31	0.28	0.26	0.28	7.51	ppb
Molybdenum	96-1	0.69	0.63	0.60	0.64	7.02	ppb
Molybdenum	97-1	0.35	0.25	0.28	0.29	17.00	ppb
Molybdenum	98-1	0.29	0.27	0.27	0.28	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.99	110.48	112.46	111.31	0.92	ppb
Phosphorus	31-2	542.44	527.85	523.86	531.38	1.84	ppb
Potassium	39-2	1980.78	1967.80	1997.54	1982.04	0.75	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	21.25	20.00	19.57	20.27	4.31	ppb
Selenium	77-2	20.27	18.93	22.10	20.43	7.79	ppb
Selenium	78-2	18.10	20.49	21.75	20.11	9.22	ppb
Silicon	28-1	520.34	523.27	491.28	511.63	3.46	ppb
Silver	107-1	7.65	8.05	8.49	8.06	5.18	ppb
Silver	109-1	7.69	7.94	8.02	7.88	2.18	ppb
Sodium	23-2	203.29	203.25	203.88	203.47	0.17	ppb
Strontium	86-1	27.29	25.35	25.16	25.94	4.55	ppb
Strontium	88-1	26.10	26.45	25.17	25.90	2.55	ppb
Sulfur	34-1	-1541.85	-1391.19	-1824.61	-1585.88		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	7.48	7.18	6.99	7.22	3.45	ppb
Thallium	205-1	7.31	7.66	6.95	7.31	4.88	ppb
Tin	118-1	8.86	8.72	8.73	8.77	0.91	ppb
Titanium	47-1	234.33	234.22	222.12	230.22	3.05	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:38:40	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.20	0.20	3.67	ppb
Vanadium	51-2	130.28	129.45	130.01	129.91	0.33	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	207.07	205.02	205.52	205.87	0.52	ppb
Zirconium	90-1	1.39	1.32	1.36	1.35	2.74	ppb
Zirconium	91-1	1.38	1.38	1.27	1.34	4.69	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:41:52	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10164.40	9981.94	10009.31	10051.88	0.98	ppb
Antimony	121-1	74.96	75.33	78.26	76.18	2.38	ppb
Arsenic	75-2	50.10	48.85	49.07	49.34	1.35	ppb
Barium	135-1	1613.28	1622.32	1676.56	1637.39	2.09	ppb
Barium	137-1	1634.73	1609.32	1678.13	1640.73	2.12	ppb
Beryllium	9-1	38.40	40.37	41.20	39.99	3.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.84	37.14	37.06	37.01	0.42	ppb
Cadmium	106-1	35.39	36.25	38.60	36.75	4.51	ppb
Cadmium	111-1	39.40	40.26	42.20	40.62	3.53	ppb
Calcium	43-1	7090.18	7229.37	7390.32	7236.62	2.08	ppb
Calcium	44-1	6850.34	7163.30	7048.70	7020.78	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172.91	172.94	174.23	173.36	0.43	ppb
Cobalt	59-2	403.36	401.05	395.79	400.07	0.97	ppb
Copper	63-2	261.86	262.29	261.13	261.76	0.22	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				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	19035.63	18929.46	19225.78	19063.62	0.79	ppb
Iron	57-2	19439.17	19296.80	19255.40	19330.46	0.50	ppb
Iron	54-2	19345.02	19034.96	19554.86	19311.61	1.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:41:52	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.49	57.66	58.64	57.27	2.81	ppb
Lead	207-1	52.88	55.47	56.50	54.95	3.39	ppb
Lead	208-1	53.80	56.22	57.04	55.69	3.03	ppb
Lithium	6-1				95		%
Magnesium	24-2	4120.31	4085.29	4076.88	4094.16	0.56	ppb
Manganese	55-2	691.76	682.10	688.63	687.50	0.72	ppb
Molybdenum	94-1	2.45	2.48	2.58	2.50	2.62	ppb
Molybdenum	95-1	0.24	0.28	0.22	0.24	12.21	ppb
Molybdenum	96-1	0.59	0.65	0.56	0.60	7.30	ppb
Molybdenum	97-1	0.18	0.23	0.21	0.21	11.14	ppb
Molybdenum	98-1	0.24	0.25	0.25	0.25	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	411.54	409.98	412.50	411.34	0.31	ppb
Phosphorus	31-2	534.38	525.08	503.56	521.01	3.03	ppb
Potassium	39-2	1962.99	1948.74	1948.86	1953.53	0.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	87.82	85.60	90.44	87.95	2.76	ppb
Selenium	77-2	92.35	88.00	89.05	89.80	2.53	ppb
Selenium	78-2	89.27	90.27	85.18	88.24	3.06	ppb
Silicon	28-1	497.27	504.29	503.58	501.71	0.77	ppb
Silver	107-1	26.68	27.09	27.81	27.19	2.09	ppb
Silver	109-1	26.57	26.72	28.15	27.14	3.22	ppb
Sodium	23-2	198.52	199.16	194.44	197.37	1.30	ppb
Strontium	86-1	24.61	25.51	25.99	25.37	2.77	ppb
Strontium	88-1	25.09	25.39	26.20	25.56	2.25	ppb
Sulfur	34-1	-1674.52	-1706.97	-1738.87	-1706.79		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	33.18	33.70	34.59	33.82	2.11	ppb
Thallium	205-1	32.53	34.37	35.02	33.97	3.80	ppb
Tin	118-1	8.88	8.81	9.19	8.96	2.28	ppb
Titanium	47-1	222.62	228.70	229.43	226.92	1.65	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:41:52	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.19	0.19	0.19	2.00	ppb
Vanadium	51-2	420.42	417.47	418.73	418.87	0.35	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	485.32	481.89	482.31	483.17	0.39	ppb
Zirconium	90-1	1.31	1.33	1.35	1.33	1.46	ppb
Zirconium	91-1	1.38	1.32	1.44	1.38	4.31	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-08DLX5	Instrumnet Name :	P7
Client Sample ID :	MYDB99	Dilution Factor :	5
Date & Time Acquired :	2024-10-29 20:45:02	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33668.26	33790.29	33934.36	33797.63	0.39	ppb
Antimony	121-1	1.53	1.56	1.67	1.59	4.80	ppb
Arsenic	75-2	75.50	78.21	76.12	76.61	1.85	ppb
Barium	135-1	338.06	344.93	351.40	344.80	1.94	ppb
Barium	137-1	338.17	346.75	351.01	345.31	1.89	ppb
Beryllium	9-1	1.22	1.37	1.43	1.34	7.96	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.82	2.37	2.73	2.30	19.81	ppb
Cadmium	106-1	2.88	3.05	3.80	3.25	15.09	ppb
Cadmium	111-1	2.21	2.39	2.39	2.33	4.46	ppb
Calcium	43-1	27923.63	28403.53	28906.86	28411.34	1.73	ppb
Calcium	44-1	27231.74	27185.78	27850.25	27422.59	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72.73	72.68	72.57	72.66	0.11	ppb
Cobalt	59-2	33.06	33.04	33.28	33.13	0.40	ppb
Copper	63-2	321.35	321.78	323.88	322.34	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	72146.65	72479.12	73198.70	72608.16	0.74	ppb
Iron	57-2	70832.06	71750.36	70639.63	71074.02	0.84	ppb
Iron	54-2	71590.09	72754.04	72861.91	72402.01	0.97	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-08DLX5	Instrumnet Name :	P7
Client Sample ID :	MYDB99	Dilution Factor :	5
Date & Time Acquired :	2024-10-29 20:45:02	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	546.77	544.59	562.79	551.38	1.80	ppb
Lead	207-1	546.97	541.34	562.71	550.34	2.01	ppb
Lead	208-1	541.96	544.27	557.38	547.87	1.52	ppb
Lithium	6-1				94		%
Magnesium	24-2	16005.19	15853.28	15768.50	15875.65	0.76	ppb
Manganese	55-2	1225.29	1240.47	1230.64	1232.13	0.62	ppb
Molybdenum	94-1	10.32	10.17	10.38	10.29	1.04	ppb
Molybdenum	95-1	0.96	0.94	0.95	0.95	1.12	ppb
Molybdenum	96-1	2.25	2.33	2.43	2.34	3.79	ppb
Molybdenum	97-1	0.91	0.96	0.92	0.93	2.50	ppb
Molybdenum	98-1	0.87	0.95	1.01	0.94	7.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.81	56.15	55.75	55.90	0.39	ppb
Phosphorus	31-2	2083.37	2161.01	2116.32	2120.23	1.84	ppb
Potassium	39-2	7375.55	7391.10	7323.67	7363.44	0.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	0.98	1.01	1.31	1.10	16.62	ppb
Selenium	77-2	14.59	12.04	11.20	12.61	14.00	ppb
Selenium	78-2	3.79	0.17	2.57	2.18	84.56	ppb
Silicon	28-1	2325.82	2327.66	2364.93	2339.47	0.94	ppb
Silver	107-1	2.04	2.02	2.09	2.05	1.61	ppb
Silver	109-1	2.07	2.03	1.97	2.02	2.61	ppb
Sodium	23-2	758.06	750.61	762.05	756.91	0.77	ppb
Strontium	86-1	100.62	99.81	103.04	101.16	1.66	ppb
Strontium	88-1	103.99	105.05	106.52	105.19	1.21	ppb
Sulfur	34-1	-1775.89	-1896.41	-1707.56	-1793.29		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.32	0.29	0.35	0.32	8.81	ppb
Thallium	205-1	0.33	0.34	0.36	0.34	4.82	ppb
Tin	118-1	33.00	33.70	33.84	33.52	1.35	ppb
Titanium	47-1	912.19	932.37	949.15	931.24	1.99	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-08DLX5	Instrumnet Name :	P7
Client Sample ID :	MYDB99	Dilution Factor :	5
Date & Time Acquired :	2024-10-29 20:45:02	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.81	0.84	0.81	2.84	ppb
Vanadium	51-2	140.07	138.85	140.40	139.77	0.58	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	433.57	438.92	435.96	436.15	0.61	ppb
Zirconium	90-1	5.59	5.63	5.98	5.73	3.71	ppb
Zirconium	91-1	5.69	5.76	5.97	5.81	2.48	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09A	Instrumnet Name :	P7
Client Sample ID :	MYDBA0ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:48:08	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7135.57	7147.77	7164.92	7149.42	0.21	ppb
Antimony	121-1	0.54	0.54	0.56	0.55	1.64	ppb
Arsenic	75-2	21.26	22.49	20.83	21.53	4.01	ppb
Barium	135-1	44.51	45.48	46.10	45.36	1.76	ppb
Barium	137-1	44.44	45.00	47.02	45.49	2.98	ppb
Beryllium	9-1	0.20	0.29	0.18	0.22	25.18	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.29	0.32	0.26	0.29	10.15	ppb
Cadmium	106-1	0.28	0.61	0.66	0.52	40.39	ppb
Cadmium	111-1	0.19	0.18	0.17	0.18	7.09	ppb
Calcium	43-1	6090.23	6023.84	6101.90	6071.99	0.69	ppb
Calcium	44-1	5857.08	5901.93	5967.53	5908.85	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.02	24.11	23.98	24.04	0.29	ppb
Cobalt	59-2	8.75	8.82	8.65	8.74	0.93	ppb
Copper	63-2	38.18	38.57	38.05	38.26	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				104		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	17038.81	17033.01	16844.45	16972.09	0.65	ppb
Iron	57-2	17107.71	17128.12	16970.88	17068.90	0.50	ppb
Iron	54-2	17238.75	17062.70	17163.01	17154.82	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09A	Instrumnet Name :	P7
Client Sample ID :	MYDBA0ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:48:08	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.54	23.82	23.72	23.69	0.60	ppb
Lead	207-1	22.52	22.56	22.64	22.57	0.27	ppb
Lead	208-1	22.63	23.05	22.88	22.85	0.91	ppb
Lithium	6-1				103		%
Magnesium	24-2	4272.36	4262.43	4274.19	4269.66	0.15	ppb
Manganese	55-2	328.59	327.07	324.71	326.79	0.60	ppb
Molybdenum	94-1	1.85	1.81	1.84	1.83	1.18	ppb
Molybdenum	95-1	0.21	0.24	0.21	0.22	6.97	ppb
Molybdenum	96-1	0.50	0.51	0.50	0.50	1.49	ppb
Molybdenum	97-1	0.24	0.21	0.24	0.23	6.80	ppb
Molybdenum	98-1	0.22	0.21	0.25	0.23	9.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.02	73.35	73.39	73.59	0.51	ppb
Phosphorus	31-2	364.68	339.28	345.26	349.74	3.80	ppb
Potassium	39-2	1363.19	1362.07	1364.20	1363.15	0.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.70	-0.62	1.03	0.37	235.13	ppb
Selenium	77-2	2.62	2.95	1.88	2.48	22.19	ppb
Selenium	78-2	0.27	-1.47	-1.53	-0.91		ppb
Silicon	28-1	416.29	419.07	421.72	419.03	0.65	ppb
Silver	107-1	0.07	0.08	0.07	0.07	3.29	ppb
Silver	109-1	0.06	0.07	0.06	0.07	3.87	ppb
Sodium	23-2	131.53	133.79	128.94	131.42	1.85	ppb
Strontium	86-1	19.81	20.35	20.75	20.30	2.34	ppb
Strontium	88-1	19.74	20.07	20.27	20.03	1.33	ppb
Sulfur	34-1	-1406.26	-1571.27	-1531.92	-1503.15		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	161.98	166.53	166.35	164.96	1.56	ppb
Thallium	205-1	189.29	187.43	186.92	187.88	0.66	ppb
Tin	118-1	1.34	1.39	1.44	1.39	3.82	ppb
Titanium	47-1	192.92	194.49	195.27	194.23	0.62	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09A	Instrumnet Name :	P7
Client Sample ID :	MYDBA0ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:48:08	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.15	0.16	0.15	5.80	ppb
Vanadium	51-2	42.79	42.56	42.11	42.49	0.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	163.64	165.38	165.37	164.80	0.61	ppb
Zirconium	90-1	0.99	0.98	1.03	1.00	2.77	ppb
Zirconium	91-1	1.09	0.99	0.95	1.01	7.18	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:51:23	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12320.72	12243.04	12041.37	12201.71	1.18	ppb
Antimony	121-1	0.26	0.25	0.24	0.25	2.80	ppb
Arsenic	75-2	26.37	27.37	27.59	27.11	2.40	ppb
Barium	135-1	88.24	90.30	90.60	89.71	1.43	ppb
Barium	137-1	89.00	90.09	89.58	89.56	0.61	ppb
Beryllium	9-1	0.36	0.37	0.46	0.40	13.11	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.44	0.20	0.37	40.74	ppb
Cadmium	106-1	1.69	0.93	1.55	1.39	28.99	ppb
Cadmium	111-1	0.31	0.31	0.36	0.33	9.04	ppb
Calcium	43-1	4414.84	4402.59	4426.91	4414.78	0.28	ppb
Calcium	44-1	4422.41	4439.58	4448.57	4436.85	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.02	12.95	12.56	12.84	1.95	ppb
Cobalt	59-2	9.65	9.52	9.69	9.62	0.90	ppb
Copper	63-2	34.32	34.08	33.98	34.13	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	24866.48	24620.75	24546.96	24678.06	0.68	ppb
Iron	57-2	24091.77	24476.34	24184.66	24250.92	0.83	ppb
Iron	54-2	25003.18	24865.25	24696.18	24854.87	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:51:23	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.38	14.95	14.96	14.76	2.26	ppb
Lead	207-1	14.57	14.89	15.20	14.89	2.15	ppb
Lead	208-1	14.36	14.75	14.96	14.69	2.06	ppb
Lithium	6-1				101		%
Magnesium	24-2	4695.97	4665.22	4618.84	4660.01	0.83	ppb
Manganese	55-2	390.81	392.84	389.93	391.19	0.38	ppb
Molybdenum	94-1	3.55	3.46	3.58	3.53	1.80	ppb
Molybdenum	95-1	0.22	0.26	0.27	0.25	10.04	ppb
Molybdenum	96-1	0.78	0.78	0.71	0.76	4.74	ppb
Molybdenum	97-1	0.25	0.29	0.31	0.28	9.74	ppb
Molybdenum	98-1	0.28	0.27	0.28	0.28	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.47	11.54	11.34	11.45	0.88	ppb
Phosphorus	31-2	534.73	527.64	494.18	518.85	4.17	ppb
Potassium	39-2	1088.96	1081.83	1075.86	1082.22	0.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.32	0.76	0.03	0.37	100.87	ppb
Selenium	77-2	5.06	5.18	4.03	4.76	13.22	ppb
Selenium	78-2	0.74	0.17	-0.77	0.05	1544.90	ppb
Silicon	28-1	688.19	694.65	713.68	698.84	1.90	ppb
Silver	107-1	0.11	0.09	0.11	0.10	6.65	ppb
Silver	109-1	0.10	0.11	0.10	0.10	4.93	ppb
Sodium	23-2	80.72	81.82	83.65	82.06	1.80	ppb
Strontium	86-1	20.62	21.04	21.10	20.92	1.25	ppb
Strontium	88-1	20.71	20.89	21.09	20.90	0.91	ppb
Sulfur	34-1	-1098.96	-1365.37	-1491.00	-1318.44		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.11	0.11	0.10	0.11	6.83	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	1.99	ppb
Tin	118-1	0.69	0.66	0.71	0.69	3.43	ppb
Titanium	47-1	164.89	168.12	167.59	166.87	1.04	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:51:23	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.20	0.21	0.21	3.66	ppb
Vanadium	51-2	39.64	40.21	39.00	39.62	1.52	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	73.66	75.07	74.15	74.29	0.97	ppb
Zirconium	90-1	2.00	1.99	2.03	2.00	0.98	ppb
Zirconium	91-1	1.93	1.98	1.96	1.96	1.25	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:54:35	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11987.00	11992.44	12167.19	12048.88	0.85	ppb
Antimony	121-1	0.29	0.28	0.28	0.28	2.51	ppb
Arsenic	75-2	28.00	27.12	27.32	27.48	1.68	ppb
Barium	135-1	87.91	88.93	87.91	88.25	0.66	ppb
Barium	137-1	87.09	88.17	87.71	87.65	0.62	ppb
Beryllium	9-1	0.43	0.32	0.45	0.40	17.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.33	0.59	0.39	0.44	30.93	ppb
Cadmium	106-1	1.66	1.27	0.77	1.23	36.36	ppb
Cadmium	111-1	0.36	0.35	0.27	0.33	15.95	ppb
Calcium	43-1	4341.41	4346.30	4472.88	4386.86	1.70	ppb
Calcium	44-1	4339.36	4431.64	4507.73	4426.24	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.63	12.69	12.90	12.74	1.12	ppb
Cobalt	59-2	9.62	9.42	9.62	9.55	1.22	ppb
Copper	63-2	33.76	33.42	34.02	33.73	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	24162.87	24196.57	24335.57	24231.67	0.38	ppb
Iron	57-2	24021.12	23574.27	23816.83	23804.07	0.94	ppb
Iron	54-2	24241.59	24319.32	24609.98	24390.30	0.80	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:54:35	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.62	14.45	15.13	14.73	2.40	ppb
Lead	207-1	15.20	14.67	14.89	14.92	1.79	ppb
Lead	208-1	14.73	14.45	14.83	14.67	1.34	ppb
Lithium	6-1				103		%
Magnesium	24-2	4625.17	4569.15	4619.66	4604.66	0.67	ppb
Manganese	55-2	387.97	386.28	390.67	388.31	0.57	ppb
Molybdenum	94-1	3.39	3.46	3.48	3.45	1.37	ppb
Molybdenum	95-1	0.27	0.29	0.30	0.29	5.17	ppb
Molybdenum	96-1	0.77	0.78	0.76	0.77	1.52	ppb
Molybdenum	97-1	0.29	0.28	0.28	0.28	2.17	ppb
Molybdenum	98-1	0.29	0.28	0.26	0.28	5.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.52	11.90	11.62	11.68	1.69	ppb
Phosphorus	31-2	502.64	495.61	519.98	506.08	2.48	ppb
Potassium	39-2	1067.26	1062.41	1087.19	1072.29	1.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	-0.05	0.07	1.11	0.38	169.12	ppb
Selenium	77-2	4.79	4.00	3.32	4.03	18.24	ppb
Selenium	78-2	0.86	-1.20	0.84	0.17	701.87	ppb
Silicon	28-1	676.22	687.84	709.32	691.13	2.43	ppb
Silver	107-1	0.10	0.12	0.11	0.11	9.67	ppb
Silver	109-1	0.10	0.10	0.09	0.10	4.86	ppb
Sodium	23-2	77.80	77.52	79.31	78.21	1.24	ppb
Strontium	86-1	20.87	21.13	20.91	20.97	0.66	ppb
Strontium	88-1	20.72	20.91	21.01	20.88	0.69	ppb
Sulfur	34-1	-1434.90	-1556.27	-1531.20	-1507.46		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.08	0.08	0.09	3.84	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	5.38	ppb
Tin	118-1	0.66	0.71	0.68	0.68	3.71	ppb
Titanium	47-1	165.84	166.40	172.29	168.17	2.12	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:54:35	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.22	0.22	0.22	1.77	ppb
Vanadium	51-2	38.89	38.78	38.61	38.76	0.36	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	72.63	73.00	76.62	74.08	2.97	ppb
Zirconium	90-1	1.97	2.02	1.98	1.99	1.33	ppb
Zirconium	91-1	1.99	2.11	2.02	2.04	3.21	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB72L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:57:50	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2397.42	2407.61	2387.01	2397.35	0.43	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	4.90	ppb
Arsenic	75-2	5.10	5.22	5.89	5.41	7.90	ppb
Barium	135-1	17.01	17.59	17.83	17.48	2.43	ppb
Barium	137-1	16.94	17.46	17.56	17.32	1.92	ppb
Beryllium	9-1	0.06	0.06	0.07	0.06	7.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.17	0.03	0.08	101.23	ppb
Cadmium	106-1	-0.34	0.12	0.07	-0.05		ppb
Cadmium	111-1	0.04	0.05	0.05	0.04	17.44	ppb
Calcium	43-1	826.87	880.11	867.60	858.19	3.24	ppb
Calcium	44-1	857.47	871.21	895.71	874.80	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.49	2.64	2.64	2.59	3.34	ppb
Cobalt	59-2	1.90	2.01	1.88	1.93	3.67	ppb
Copper	63-2	6.89	6.74	6.85	6.83	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	4867.73	4860.45	4835.78	4854.65	0.34	ppb
Iron	57-2	4860.83	4906.56	4843.34	4870.24	0.67	ppb
Iron	54-2	4949.18	4985.98	4956.70	4963.95	0.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB72L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:57:50	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.91	2.86	3.03	2.93	3.01	ppb
Lead	207-1	2.87	3.08	2.93	2.96	3.62	ppb
Lead	208-1	2.83	2.91	2.91	2.88	1.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	913.12	927.87	915.75	918.91	0.86	ppb
Manganese	55-2	77.60	78.26	76.31	77.39	1.28	ppb
Molybdenum	94-1	0.71	0.72	0.69	0.71	1.72	ppb
Molybdenum	95-1	0.04	0.06	0.09	0.06	38.60	ppb
Molybdenum	96-1	0.11	0.15	0.17	0.15	23.36	ppb
Molybdenum	97-1	0.01	0.05	0.10	0.05	86.32	ppb
Molybdenum	98-1	0.03	0.05	0.08	0.05	43.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.35	2.39	2.19	2.31	4.50	ppb
Phosphorus	31-2	95.10	78.08	89.01	87.40	9.87	ppb
Potassium	39-2	210.30	212.34	211.34	211.33	0.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.28	-0.32	-0.09	-0.04		ppb
Selenium	77-2	1.56	0.49	1.23	1.09	50.40	ppb
Selenium	78-2	0.46	-0.25	-0.41	-0.07		ppb
Silicon	28-1	139.16	142.57	144.39	142.04	1.87	ppb
Silver	107-1	0.02	0.02	0.03	0.02	18.51	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.10	ppb
Sodium	23-2	32.93	35.83	36.54	35.10	5.45	ppb
Strontium	86-1	4.27	4.14	4.22	4.21	1.61	ppb
Strontium	88-1	4.10	4.10	4.27	4.15	2.31	ppb
Sulfur	34-1	-1349.60	-1640.52	-1544.87	-1511.66		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.03	0.01	0.02	26.12	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.19	ppb
Tin	118-1	0.15	0.15	0.14	0.15	3.88	ppb
Titanium	47-1	32.87	32.98	33.00	32.95	0.22	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB72L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:57:50	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.04	0.04	0.04	17.83	ppb
Vanadium	51-2	7.74	8.22	7.72	7.89	3.56	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	14.05	14.56	14.19	14.26	1.86	ppb
Zirconium	90-1	0.40	0.39	0.38	0.39	2.27	ppb
Zirconium	91-1	0.39	0.40	0.39	0.39	1.56	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 21:01:05	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12122.35	12007.87	12041.87	12057.36	0.49	ppb
Antimony	121-1	17.65	19.03	18.16	18.28	3.82	ppb
Arsenic	75-2	33.77	33.08	34.27	33.71	1.77	ppb
Barium	135-1	409.46	443.10	420.27	424.28	4.05	ppb
Barium	137-1	407.87	443.11	418.00	422.99	4.29	ppb
Beryllium	9-1	9.25	10.10	9.88	9.75	4.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.65	8.92	8.24	8.27	7.67	ppb
Cadmium	106-1	10.12	9.50	8.13	9.25	11.00	ppb
Cadmium	111-1	9.85	10.14	9.63	9.87	2.60	ppb
Calcium	43-1	4213.55	4566.08	4255.34	4344.99	4.43	ppb
Calcium	44-1	4222.60	4583.15	4366.91	4390.88	4.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.09	49.28	48.61	48.99	0.70	ppb
Cobalt	59-2	99.41	99.96	99.71	99.69	0.28	ppb
Copper	63-2	74.73	75.19	73.87	74.60	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	23651.29	23832.44	23376.95	23620.23	0.97	ppb
Iron	57-2	23860.44	23897.21	23476.71	23744.79	0.98	ppb
Iron	54-2	23752.37	23923.57	23597.73	23757.89	0.69	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 21:01:05	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.11	18.88	18.22	18.07	4.94	ppb
Lead	207-1	17.36	18.99	18.15	18.17	4.50	ppb
Lead	208-1	17.10	18.68	17.98	17.92	4.40	ppb
Lithium	6-1				97		%
Magnesium	24-2	4447.12	4455.37	4480.92	4461.14	0.40	ppb
Manganese	55-2	463.43	464.06	464.30	463.93	0.10	ppb
Molybdenum	94-1	3.37	3.56	3.53	3.49	2.95	ppb
Molybdenum	95-1	0.24	0.26	0.29	0.26	8.43	ppb
Molybdenum	96-1	0.70	0.77	0.77	0.75	5.57	ppb
Molybdenum	97-1	0.23	0.27	0.30	0.26	13.62	ppb
Molybdenum	98-1	0.24	0.24	0.28	0.25	10.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.23	105.84	104.68	105.25	0.55	ppb
Phosphorus	31-2	459.25	484.99	449.88	464.70	3.91	ppb
Potassium	39-2	1030.57	1045.48	1024.41	1033.49	1.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	18.57	19.14	18.85	18.86	1.52	ppb
Selenium	77-2	21.61	21.64	19.97	21.07	4.52	ppb
Selenium	78-2	17.89	17.66	16.09	17.21	5.68	ppb
Silicon	28-1	662.74	729.41	683.98	692.04	4.92	ppb
Silver	107-1	7.30	7.96	7.56	7.61	4.36	ppb
Silver	109-1	7.34	7.84	7.47	7.55	3.39	ppb
Sodium	23-2	71.21	72.40	71.45	71.69	0.88	ppb
Strontium	86-1	19.91	21.42	20.66	20.67	3.65	ppb
Strontium	88-1	20.42	21.29	20.56	20.76	2.25	ppb
Sulfur	34-1	-1566.42	-1261.49	-1713.35	-1513.76		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	7.97	8.63	8.31	8.30	3.96	ppb
Thallium	205-1	7.91	8.73	8.19	8.28	5.05	ppb
Tin	118-1	0.53	0.67	0.58	0.59	11.61	ppb
Titanium	47-1	159.69	174.79	162.63	165.70	4.83	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 21:01:05	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.22	0.21	0.21	6.38	ppb
Vanadium	51-2	127.87	128.23	126.56	127.55	0.69	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	158.90	156.94	157.70	157.85	0.62	ppb
Zirconium	90-1	1.87	2.09	1.96	1.97	5.57	ppb
Zirconium	91-1	1.89	2.00	1.93	1.94	2.95	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 21:04:20	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13108.97	13375.80	13197.61	13227.46	1.03	ppb
Antimony	121-1	72.99	72.84	73.66	73.16	0.60	ppb
Arsenic	75-2	55.22	55.06	54.83	55.04	0.35	ppb
Barium	135-1	1611.61	1591.47	1593.86	1598.98	0.69	ppb
Barium	137-1	1591.77	1587.40	1585.00	1588.05	0.22	ppb
Beryllium	9-1	37.93	38.15	39.04	38.37	1.53	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.10	35.82	36.28	35.40	3.24	ppb
Cadmium	106-1	34.74	34.13	34.28	34.38	0.92	ppb
Cadmium	111-1	39.10	38.39	38.80	38.77	0.92	ppb
Calcium	43-1	4149.89	4205.63	4234.16	4196.56	1.02	ppb
Calcium	44-1	4204.61	4185.13	4312.84	4234.20	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168.03	165.68	166.45	166.72	0.72	ppb
Cobalt	59-2	402.92	400.32	400.90	401.38	0.34	ppb
Copper	63-2	211.22	210.47	209.69	210.46	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	24185.01	24096.09	23867.64	24049.58	0.68	ppb
Iron	57-2	24307.73	24199.40	24046.96	24184.70	0.54	ppb
Iron	54-2	24186.98	24579.47	24097.18	24287.88	1.06	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 21:04:20	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.61	27.68	27.46	27.59	0.40	ppb
Lead	207-1	27.20	27.90	27.53	27.54	1.28	ppb
Lead	208-1	27.22	27.62	27.19	27.34	0.89	ppb
Lithium	6-1				100		%
Magnesium	24-2	4475.81	4440.36	4401.04	4439.07	0.84	ppb
Manganese	55-2	748.90	758.31	741.68	749.63	1.11	ppb
Molybdenum	94-1	3.25	3.32	3.22	3.26	1.53	ppb
Molybdenum	95-1	0.31	0.27	0.27	0.28	8.41	ppb
Molybdenum	96-1	0.73	0.77	0.73	0.74	2.77	ppb
Molybdenum	97-1	0.23	0.22	0.25	0.23	6.59	ppb
Molybdenum	98-1	0.29	0.27	0.29	0.28	3.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	407.01	407.15	402.86	405.67	0.60	ppb
Phosphorus	31-2	466.00	452.38	480.86	466.41	3.05	ppb
Potassium	39-2	1027.40	1029.20	1008.50	1021.70	1.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	83.71	84.88	84.88	84.49	0.80	ppb
Selenium	77-2	86.21	89.06	88.89	88.05	1.82	ppb
Selenium	78-2	83.34	84.84	81.10	83.09	2.26	ppb
Silicon	28-1	668.77	659.73	679.56	669.36	1.48	ppb
Silver	107-1	28.36	28.71	28.94	28.67	1.01	ppb
Silver	109-1	28.33	28.09	28.71	28.38	1.10	ppb
Sodium	23-2	74.20	74.56	73.79	74.19	0.52	ppb
Strontium	86-1	19.68	19.82	19.82	19.77	0.41	ppb
Strontium	88-1	19.81	19.98	20.11	19.97	0.76	ppb
Sulfur	34-1	-1561.52	-1959.21	-1780.14	-1766.96		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	32.69	33.32	32.80	32.94	1.02	ppb
Thallium	205-1	33.23	33.12	32.31	32.89	1.52	ppb
Tin	118-1	0.61	0.60	0.59	0.60	1.80	ppb
Titanium	47-1	158.75	160.14	161.83	160.24	0.96	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 21:04:20	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.22	0.22	0.22	0.57	ppb
Vanadium	51-2	417.07	417.17	414.52	416.26	0.36	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	443.18	446.79	441.38	443.78	0.62	ppb
Zirconium	90-1	1.90	1.87	1.88	1.88	0.83	ppb
Zirconium	91-1	1.88	1.95	1.93	1.92	1.84	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB72ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:07:29	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45689.15	44657.00	44995.41	45113.85	1.17	ppb
Antimony	121-1	0.94	0.96	0.98	0.96	2.20	ppb
Arsenic	75-2	101.93	99.07	104.87	101.96	2.84	ppb
Barium	135-1	338.48	350.09	345.95	344.84	1.71	ppb
Barium	137-1	337.51	346.83	344.42	342.92	1.41	ppb
Beryllium	9-1	1.69	1.60	1.92	1.74	9.66	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.51	1.71	1.72	1.65	7.40	ppb
Cadmium	106-1	3.24	2.72	2.42	2.79	14.81	ppb
Cadmium	111-1	1.15	1.14	1.14	1.14	0.53	ppb
Calcium	43-1	16192.13	16441.63	16829.99	16487.91	1.95	ppb
Calcium	44-1	15481.33	16021.26	15858.46	15787.02	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.81	48.10	48.19	48.03	0.41	ppb
Cobalt	59-2	35.43	34.71	35.65	35.26	1.40	ppb
Copper	63-2	124.79	122.51	127.25	124.85	1.90	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				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	90956.93	89450.92	91936.69	90781.51	1.38	ppb
Iron	57-2	88363.53	88492.93	90530.08	89128.85	1.36	ppb
Iron	54-2	90721.96	90145.76	90290.62	90386.11	0.33	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB72ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:07:29	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.31	56.81	57.28	57.13	0.49	ppb
Lead	207-1	58.38	56.31	58.31	57.67	2.04	ppb
Lead	208-1	57.30	56.31	57.58	57.06	1.17	ppb
Lithium	6-1				102		%
Magnesium	24-2	17126.84	16851.99	16985.41	16988.08	0.81	ppb
Manganese	55-2	1442.87	1446.13	1465.39	1451.46	0.84	ppb
Molybdenum	94-1	12.79	13.07	13.31	13.06	1.98	ppb
Molybdenum	95-1	0.92	0.99	0.99	0.97	4.28	ppb
Molybdenum	96-1	2.64	2.71	2.75	2.70	2.11	ppb
Molybdenum	97-1	0.94	1.07	0.95	0.99	7.09	ppb
Molybdenum	98-1	0.97	0.97	0.96	0.96	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.75	42.21	43.60	43.19	1.96	ppb
Phosphorus	31-2	1892.59	1899.93	1919.69	1904.07	0.74	ppb
Potassium	39-2	3850.34	3788.76	3830.68	3823.26	0.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	0.98	1.75	1.40	1.38	28.26	ppb
Selenium	77-2	15.39	24.38	21.26	20.34	22.44	ppb
Selenium	78-2	3.50	2.73	2.55	2.93	17.31	ppb
Silicon	28-1	2747.30	2756.90	2806.47	2770.22	1.15	ppb
Silver	107-1	1.53	1.52	1.52	1.52	0.54	ppb
Silver	109-1	1.52	1.50	1.52	1.51	0.85	ppb
Sodium	23-2	211.90	214.03	216.96	214.30	1.18	ppb
Strontium	86-1	75.52	76.21	76.92	76.21	0.92	ppb
Strontium	88-1	78.57	78.61	81.12	79.43	1.84	ppb
Sulfur	34-1	-2026.33	-2068.67	-2087.52	-2060.84		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.23	0.24	0.25	0.24	3.77	ppb
Thallium	205-1	0.25	0.26	0.25	0.25	2.27	ppb
Tin	118-1	2.20	2.17	2.19	2.19	0.83	ppb
Titanium	47-1	626.79	635.01	644.54	635.45	1.40	ppb

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB72ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:07:29	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.83	0.86	0.85	1.50	ppb
Vanadium	51-2	147.03	145.89	148.11	147.01	0.75	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	267.05	265.94	271.27	268.09	1.05	ppb
Zirconium	90-1	7.31	7.58	7.41	7.44	1.87	ppb
Zirconium	91-1	7.25	7.47	7.52	7.42	1.93	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-08	Instrumnet Name :	P7
Client Sample ID :	MYDB99	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:10:40	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.85	3.43	3.97	3.42	16.42	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	100.34	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	0.98	ppb
Barium	135-1	0.09	0.06	0.07	0.07	19.39	ppb
Barium	137-1	0.08	0.10	0.06	0.08	20.18	ppb
Beryllium	9-1	0.00	-0.02	0.02	0.00	537.51	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	0.00	0.00	-0.01		ppb
Cadmium	106-1	0.03	-0.07	-0.35	-0.13		ppb
Cadmium	111-1	0.02	0.01	-0.01	0.00	496.57	ppb
Calcium	43-1	0.96	3.27	4.33	2.86	60.42	ppb
Calcium	44-1	0.02	1.76	0.70	0.83	106.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	0.01	0.01	69.24	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	23.95	ppb
Copper	63-2	0.40	0.36	0.40	0.39	6.58	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				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	6.73	6.26	6.40	6.46	3.78	ppb
Iron	57-2	4.01	4.19	6.45	4.88	27.90	ppb
Iron	54-2	6.38	6.35	5.36	6.03	9.62	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-08	Instrumnet Name :	P7
Client Sample ID :	MYDB99	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:10:40	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.00	0.02	85.01	ppb
Lead	207-1	0.02	0.02	0.02	0.02	11.03	ppb
Lead	208-1	0.03	0.03	0.02	0.02	21.21	ppb
Lithium	6-1				107		%
Magnesium	24-2	2.46	2.51	2.44	2.47	1.27	ppb
Manganese	55-2	0.14	0.13	0.18	0.15	15.74	ppb
Molybdenum	94-1	0.01	0.00	0.02	0.01	91.81	ppb
Molybdenum	95-1	0.00	0.01	0.02	0.01	79.33	ppb
Molybdenum	96-1	0.00	0.00	0.03	0.01	112.56	ppb
Molybdenum	97-1	-0.01	0.02	-0.01	0.00	1541.78	ppb
Molybdenum	98-1	0.02	0.01	0.03	0.02	47.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.01	-0.02		ppb
Phosphorus	31-2	-10.79	-11.67	-4.82	-9.10		ppb
Potassium	39-2	4.34	2.04	3.01	3.13	36.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.33	0.50	0.41	0.42	20.21	ppb
Selenium	77-2	0.12	0.50	-0.24	0.13	286.00	ppb
Selenium	78-2	-0.05	-0.85	-1.90	-0.93		ppb
Silicon	28-1	-2.93	-1.66	-2.57	-2.38		ppb
Silver	107-1	0.01	0.01	0.01	0.01	4.93	ppb
Silver	109-1	0.02	0.02	0.01	0.02	29.05	ppb
Sodium	23-2	36.96	34.45	32.25	34.55	6.81	ppb
Strontium	86-1	0.00	0.08	-0.03	0.02	334.75	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	7.74	ppb
Sulfur	34-1	-1245.92	-687.55	-922.87	-952.11		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.03	0.03	6.55	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	13.78	ppb
Tin	118-1	0.06	0.05	0.15	0.09	65.46	ppb
Titanium	47-1	0.14	0.10	0.09	0.11	20.52	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-08	Instrumnet Name :	P7
Client Sample ID :	MYDB99	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:10:40	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.02	0.02	19.82	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.01	-0.02	-0.01	-0.01		ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	113.19	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:13:57	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50151.64	50974.90	50783.80	50636.78	0.85	ppb
Antimony	121-1	478.05	496.14	501.38	491.86	2.49	ppb
Arsenic	75-2	528.02	529.71	523.49	527.07	0.61	ppb
Barium	135-1	2452.17	2525.03	2524.08	2500.43	1.67	ppb
Barium	137-1	2479.78	2495.64	2518.15	2497.86	0.77	ppb
Beryllium	9-1	480.21	501.08	507.10	496.13	2.84	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	497.24	520.39	515.37	511.00	2.38	ppb
Cadmium	106-1	506.36	520.68	517.69	514.91	1.47	ppb
Cadmium	111-1	506.46	519.20	519.01	514.89	1.42	ppb
Calcium	43-1	257587.20	253382.05	257936.53	256301.93	0.99	ppb
Calcium	44-1	252092.04	251088.03	255289.36	252823.14	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.56	505.50	502.30	499.12	1.69	ppb
Cobalt	59-2	525.64	528.11	527.16	526.97	0.24	ppb
Copper	63-2	5065.60	5114.56	5072.26	5084.14	0.52	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				113		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	127515.70	129005.06	127557.52	128026.09	0.66	ppb
Iron	57-2	126377.66	128452.95	124809.28	126546.63	1.44	ppb
Iron	54-2	127688.71	129686.93	128218.82	128531.49	0.81	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:13:57	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2495.52	2507.35	2556.22	2519.70	1.28	ppb
Lead	207-1	2459.77	2516.46	2572.72	2516.31	2.24	ppb
Lead	208-1	2478.45	2502.83	2553.94	2511.74	1.53	ppb
Lithium	6-1				112		%
Magnesium	24-2	253554.15	254055.43	253814.89	253808.16	0.10	ppb
Manganese	55-2	4926.65	4956.06	4961.69	4948.13	0.38	ppb
Molybdenum	94-1	4921.90	5020.56	5065.31	5002.59	1.47	ppb
Molybdenum	95-1	4906.09	5013.92	5055.09	4991.70	1.54	ppb
Molybdenum	96-1	4942.55	5022.20	5099.17	5021.30	1.56	ppb
Molybdenum	97-1	4908.04	5020.47	5125.11	5017.87	2.16	ppb
Molybdenum	98-1	4921.52	4985.20	5103.29	5003.34	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.43	520.92	513.40	517.25	0.73	ppb
Phosphorus	31-2	10051.22	10308.54	10014.10	10124.62	1.58	ppb
Potassium	39-2	124888.41	126761.89	126136.97	125929.09	0.76	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	510.99	522.90	533.17	522.36	2.13	ppb
Selenium	77-2	533.29	499.53	496.17	509.66	4.03	ppb
Selenium	78-2	521.57	521.59	516.62	519.92	0.55	ppb
Silicon	28-1	2556.79	2539.43	2568.37	2554.86	0.57	ppb
Silver	107-1	499.78	513.13	512.86	508.59	1.50	ppb
Silver	109-1	505.13	508.79	508.62	507.51	0.41	ppb
Sodium	23-2	251761.68	256387.92	252395.13	253514.91	0.99	ppb
Strontium	86-1	12203.84	12420.95	12647.89	12424.23	1.79	ppb
Strontium	88-1	12176.43	12410.73	12567.44	12384.87	1.59	ppb
Sulfur	34-1	9611.65	9293.74	9825.71	9577.04	2.79	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	503.16	500.58	513.88	505.87	1.39	ppb
Thallium	205-1	503.83	501.27	508.81	504.64	0.76	ppb
Tin	118-1	477.04	485.34	482.13	481.50	0.87	ppb
Titanium	47-1	5030.39	4913.36	5063.37	5002.37	1.58	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:13:57	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	514.37	520.37	511.84	515.53	0.85	ppb
Vanadium	51-2	508.86	516.28	506.01	510.38	1.04	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	5140.68	5174.49	5097.35	5137.51	0.75	ppb
Zirconium	90-1	502.36	501.36	508.62	504.12	0.78	ppb
Zirconium	91-1	481.76	497.95	503.13	494.28	2.26	ppb

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:16:44	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.85	3.62	3.83	3.77	3.34	ppb
Antimony	121-1	0.34	0.30	0.31	0.32	5.98	ppb
Arsenic	75-2	0.05	0.04	0.02	0.04	34.28	ppb
Barium	135-1	0.13	0.13	0.16	0.14	13.07	ppb
Barium	137-1	0.16	0.15	0.11	0.14	18.16	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	22.47	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	-0.07	0.23	0.07	206.17	ppb
Cadmium	106-1	0.84	0.51	0.42	0.59	37.30	ppb
Cadmium	111-1	0.11	0.09	0.08	0.09	16.90	ppb
Calcium	43-1	21.32	25.08	24.42	23.61	8.49	ppb
Calcium	44-1	18.13	17.80	17.15	17.69	2.80	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	0.02	0.01	0.02	0.02	30.98	ppb
Copper	63-2	0.14	0.13	0.10	0.12	15.14	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				106		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	7.80	7.88	8.07	7.91	1.75	ppb
Iron	57-2	7.96	8.39	9.03	8.46	6.33	ppb
Iron	54-2	6.77	6.68	7.47	6.97	6.18	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:16:44	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.12	0.13	0.13	12.65	ppb
Lead	207-1	0.17	0.13	0.09	0.13	32.13	ppb
Lead	208-1	0.16	0.13	0.11	0.13	17.14	ppb
Lithium	6-1				102		%
Magnesium	24-2	8.37	7.72	7.53	7.87	5.60	ppb
Manganese	55-2	0.39	0.43	0.39	0.41	6.01	ppb
Molybdenum	94-1	0.42	0.24	0.28	0.32	28.43	ppb
Molybdenum	95-1	0.30	0.25	0.27	0.27	10.31	ppb
Molybdenum	96-1	0.32	0.26	0.28	0.29	11.98	ppb
Molybdenum	97-1	0.33	0.27	0.26	0.29	12.31	ppb
Molybdenum	98-1	0.31	0.24	0.26	0.27	14.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.02	0.03	0.03	49.44	ppb
Phosphorus	31-2	-12.10	-8.10	-15.03	-11.74		ppb
Potassium	39-2	5.69	13.92	10.68	10.10	41.06	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	-0.28	-0.29	0.45	-0.04		ppb
Selenium	77-2	0.46	-0.24	-0.24	-0.01		ppb
Selenium	78-2	0.11	0.95	-1.99	-0.31		ppb
Silicon	28-1	-3.53	-3.26	-2.53	-3.11		ppb
Silver	107-1	0.05	0.03	0.04	0.04	24.09	ppb
Silver	109-1	0.06	0.04	0.04	0.04	26.91	ppb
Sodium	23-2	40.78	42.55	40.61	41.31	2.60	ppb
Strontium	86-1	0.44	0.31	0.27	0.34	26.33	ppb
Strontium	88-1	0.45	0.32	0.29	0.35	23.88	ppb
Sulfur	34-1	-742.43	-757.66	-497.36	-665.82		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.09	0.06	0.08	22.47	ppb
Thallium	205-1	0.10	0.10	0.08	0.09	10.16	ppb
Tin	118-1	0.18	0.20	0.22	0.20	9.97	ppb
Titanium	47-1	0.24	0.16	0.21	0.20	21.51	ppb

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:16:44	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.00	0.01	43.81	ppb
Vanadium	51-2	0.02	0.03	0.03	0.03	20.60	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1.06	1.37	1.02	1.15	16.83	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	15.55	ppb
Zirconium	91-1	0.10	0.08	0.05	0.08	33.33	ppb

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:13:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	263	270	278	7.03	cps
Antimony	121-1	63	50	57	57	11.76	cps
Arsenic	75-2	3	0	0	1	173.21	cps
Barium	135-1	67	77	73	72	7.05	cps
Barium	137-1	130	83	137	117	24.91	cps
Beryllium	9-1	30	17	30	26	30.11	cps
Bismuth	209-1	3242738	3297308	3241823	3260623	0.97	cps
Bismuth	209-2	2720711	2711283	2757715	2729903	0.90	cps
Bromine	81-1	6381	6275	6341	6333	0.85	cps
Bromine	81-2	47	77	93	72	32.74	cps
Cadmium	108-1	0	17	3	7	132.33	cps
Cadmium	106-1	1277	1423	1337	1346	5.48	cps
Cadmium	111-1	897	988	940	942	4.83	cps
Calcium	43-1	263	333	243	280	16.88	cps
Calcium	44-1	15735	15058	15515	15436	2.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	733	800	717	750	5.88	cps
Cobalt	59-2	137	170	123	143	16.77	cps
Copper	63-2	1470	1417	1387	1425	2.96	cps
Dysprosium	156-1	343	333	403	360	10.52	cps
Dysprosium	156-2	143	97	133	124	19.74	cps
Erbium	164-1	37	37	47	40	14.43	cps
Erbium	164-2	27	27	20	24	15.75	cps
Gadolinium	160-1	23	17	33	24	34.31	cps
Gadolinium	160-2	150	143	160	151	5.55	cps
Holmium	165-1	5405619	5527583	5545331	5492845	1.38	cps
Holmium	165-2	3856635	3889462	3864718	3870272	0.44	cps
Indium	115-1	4874957	4891606	4949954	4905506	0.80	cps
Indium	115-2	1791656	1775829	1770896	1779461	0.61	cps
Iron	56-2	12178	11831	12105	12038	1.52	cps
Iron	57-2	2750	2910	2917	2859	3.30	cps
Iron	54-2	1600	1667	1577	1615	2.89	cps
Krypton	83-1	217	233	180	210	12.99	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:13:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	273	323	263	287	11.21	cps
Lead	207-1	243	227	287	252	12.28	cps
Lead	208-1	1133	1157	1090	1127	3.00	cps
Lithium	6-1	431067	446703	444847	440873	1.94	cps
Magnesium	24-2	490	433	440	454	6.82	cps
Manganese	55-2	443	513	520	492	8.63	cps
Molybdenum	94-1	260	250	240	250	4.00	cps
Molybdenum	95-1	153	147	207	169	19.47	cps
Molybdenum	96-1	193	213	173	193	10.34	cps
Molybdenum	97-1	117	97	137	117	17.14	cps
Molybdenum	98-1	220	240	240	233	4.95	cps
Neodymium	150-1	3	7	3	4	43.40	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	140	143	163	149	8.48	cps
Phosphorus	31-2	177	160	157	164	6.52	cps
Potassium	39-2	86615	85703	85692	86003	0.62	cps
Rhodium	103-1	4836683	4879194	4925846	4880574	0.91	cps
Rhodium	103-2	3003564	2929436	2956455	2963152	1.27	cps
Scandium	45-1	3016317	3157999	3178796	3117704	2.84	cps
Scandium	45-2	299969	297787	299536	299098	0.39	cps
Selenium	82-1	314	265	337	306	12.00	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	360	400	370	377	5.53	cps
Silicon	28-1	286132	286191	287968	286764	0.36	cps
Silver	107-1	67	70	73	70	4.76	cps
Silver	109-1	43	60	17	40	54.64	cps
Sodium	23-2	34726	34552	34198	34492	0.78	cps
Strontium	86-1	583	457	510	517	12.31	cps
Strontium	88-1	1333	1393	1490	1406	5.62	cps
Sulfur	34-1	185572	186493	185814	185960	0.26	cps
Terbium	159-1	5691834	5640291	5693468	5675198	0.53	cps
Terbium	159-2	3841117	3841586	3827109	3836604	0.21	cps
Thallium	203-1	110	117	117	114	3.36	cps
Thallium	205-1	197	200	200	199	0.97	cps
Tin	118-1	1007	1127	1160	1098	7.35	cps
Titanium	47-1	127	157	137	140	10.91	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:13:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	117	123	110	117	5.72	cps
Vanadium	51-2	20	23	20	21	9.11	cps
Yttrium	89-1	8754565	8941777	8933284	8876542	1.19	cps
Yttrium	89-2	2384885	2363024	2367882	2371930	0.48	cps
Zinc	66-2	497	513	513	508	1.90	cps
Zirconium	90-1	450	443	443	446	0.86	cps
Zirconium	91-1	70	77	70	72	5.33	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:19:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2904	2614	2867	2795	5.65	cps
Antimony	121-1	10761	11024	10827	10871	1.26	cps
Arsenic	75-2	277	390	390	352	18.58	cps
Barium	135-1	12512	12466	12462	12480	0.22	cps
Barium	137-1	21239	21149	21359	21249	0.50	cps
Beryllium	9-1	603	683	663	650	6.41	cps
Bismuth	209-1	3242073	3269628	3231229	3247643	0.61	cps
Bismuth	209-2	2695050	2701106	2712544	2702900	0.33	cps
Bromine	81-1	6328	6318	6538	6395	1.94	cps
Bromine	81-2	73	87	90	83	10.59	cps
Cadmium	108-1	77	100	110	96	17.90	cps
Cadmium	106-1	1510	1433	1427	1457	3.18	cps
Cadmium	111-1	2183	2317	2382	2294	4.41	cps
Calcium	43-1	8129	8302	8242	8225	1.07	cps
Calcium	44-1	143043	145601	146413	145019	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6251	6028	5941	6073	2.63	cps
Cobalt	59-2	4321	4077	4154	4184	2.97	cps
Copper	63-2	6612	7085	6888	6862	3.47	cps
Dysprosium	156-1	360	393	290	348	15.16	cps
Dysprosium	156-2	90	113	57	87	32.86	cps
Erbium	164-1	33	53	43	43	23.08	cps
Erbium	164-2	23	20	23	22	8.65	cps
Gadolinium	160-1	13	27	10	17	52.93	cps
Gadolinium	160-2	120	107	123	117	7.56	cps
Holmium	165-1	5433927	5443459	5505223	5460869	0.71	cps
Holmium	165-2	3809112	3830024	3782061	3807065	0.63	cps
Indium	115-1	5005927	4917260	4957854	4960347	0.89	cps
Indium	115-2	1729288	1786344	1730430	1748687	1.87	cps
Iron	56-2	126860	127123	128409	127464	0.65	cps
Iron	57-2	5738	6208	5921	5956	3.98	cps
Iron	54-2	8002	8159	8192	8118	1.25	cps
Krypton	83-1	240	230	200	223	9.32	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:19:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3204	3167	3227	3199	0.95	cps
Lead	207-1	2634	2817	2864	2771	4.39	cps
Lead	208-1	12282	12856	13103	12747	3.30	cps
Lithium	6-1	439914	441593	448117	443208	0.98	cps
Magnesium	24-2	119543	119517	119191	119417	0.16	cps
Manganese	55-2	2320	2367	2327	2338	1.08	cps
Molybdenum	94-1	11361	12025	11455	11614	3.09	cps
Molybdenum	95-1	13283	13927	14354	13854	3.89	cps
Molybdenum	96-1	15225	15582	15652	15486	1.48	cps
Molybdenum	97-1	8993	8539	8689	8740	2.64	cps
Molybdenum	98-1	21723	22885	22230	22279	2.61	cps
Neodymium	150-1	3	10	13	9	57.30	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1323	1173	1290	1262	6.24	cps
Phosphorus	31-2	337	300	423	353	17.92	cps
Potassium	39-2	240362	239813	239346	239840	0.21	cps
Rhodium	103-1	4829016	4735448	4819436	4794633	1.07	cps
Rhodium	103-2	2934594	2950157	2953894	2946215	0.35	cps
Scandium	45-1	3100752	3078287	3133306	3104115	0.89	cps
Scandium	45-2	295736	293999	295848	295194	0.35	cps
Selenium	82-1	749	733	782	754	3.28	cps
Selenium	77-2	33	37	47	39	17.85	cps
Selenium	78-2	537	570	510	539	5.58	cps
Silicon	28-1	300581	298520	297296	298799	0.56	cps
Silver	107-1	6068	6151	6251	6157	1.49	cps
Silver	109-1	5805	6055	6121	5994	2.79	cps
Sodium	23-2	228718	226243	226672	227211	0.58	cps
Strontium	86-1	2290	2260	2330	2294	1.53	cps
Strontium	88-1	16863	17260	17637	17254	2.24	cps
Sulfur	34-1	186054	184256	183899	184736	0.63	cps
Terbium	159-1	5594626	5638771	5813641	5682346	2.04	cps
Terbium	159-2	3791414	3845999	3906517	3847977	1.50	cps
Thallium	203-1	3891	4067	3981	3980	2.22	cps
Thallium	205-1	8660	9140	9377	9059	4.03	cps
Tin	118-1	21179	21236	21500	21305	0.80	cps
Titanium	47-1	3814	3911	3867	3864	1.25	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:19:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10851	10324	10811	10662	2.75	cps
Vanadium	51-2	11901	11935	11808	11881	0.55	cps
Yttrium	89-1	8865321	8865435	8745452	8825403	0.78	cps
Yttrium	89-2	2279753	2345450	2341081	2322095	1.58	cps
Zinc	66-2	2527	2610	2797	2645	5.23	cps
Zirconium	90-1	9887	9997	10104	9996	1.08	cps
Zirconium	91-1	2184	2144	2207	2178	1.47	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:22:54	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140490	140117	141236	140614	0.41	cps
Antimony	121-1	272076	278755	282865	277899	1.96	cps
Arsenic	75-2	18729	18792	18395	18638	1.14	cps
Barium	135-1	327348	332644	337842	332611	1.58	cps
Barium	137-1	567692	575088	580848	574543	1.15	cps
Beryllium	9-1	32975	33339	32955	33090	0.65	cps
Bismuth	209-1	3242572	3340014	3300991	3294526	1.49	cps
Bismuth	209-2	2647780	2732253	2754864	2711632	2.08	cps
Bromine	81-1	6288	6088	6425	6267	2.70	cps
Bromine	81-2	60	100	53	71	35.50	cps
Cadmium	108-1	4988	4838	5208	5011	3.72	cps
Cadmium	106-1	8503	8259	8713	8491	2.67	cps
Cadmium	111-1	69706	70678	70767	70384	0.84	cps
Calcium	43-1	92826	93704	96099	94209	1.80	cps
Calcium	44-1	1409948	1434405	1436599	1426984	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	141530	140784	139041	140452	0.91	cps
Cobalt	59-2	208918	206763	208640	208107	0.56	cps
Copper	63-2	1555074	1552779	1533817	1547224	0.75	cps
Dysprosium	156-1	383	390	333	369	8.40	cps
Dysprosium	156-2	103	110	107	107	3.12	cps
Erbium	164-1	63	43	50	52	19.50	cps
Erbium	164-2	20	20	17	19	10.18	cps
Gadolinium	160-1	20	30	30	27	21.65	cps
Gadolinium	160-2	117	147	167	143	17.56	cps
Holmium	165-1	5410480	5541328	5527851	5493219	1.31	cps
Holmium	165-2	3884753	3952694	3944344	3927264	0.94	cps
Indium	115-1	4895596	4920232	4906477	4907435	0.25	cps
Indium	115-2	1749166	1736886	1732998	1739683	0.49	cps
Iron	56-2	6031920	5966475	5971704	5990033	0.61	cps
Iron	57-2	157079	154607	155681	155789	0.80	cps
Iron	54-2	350721	345787	347786	348098	0.71	cps
Krypton	83-1	210	227	270	236	13.15	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:22:54	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	795695	801128	814248	803690	1.19	cps
Lead	207-1	685448	695576	708895	696640	1.69	cps
Lead	208-1	3368409	3471751	3476680	3438947	1.78	cps
Lithium	6-1	441624	445143	440996	442588	0.50	cps
Magnesium	24-2	1177867	1168288	1142202	1162786	1.59	cps
Manganese	55-2	990638	983029	993125	988931	0.53	cps
Molybdenum	94-1	1095457	1123639	1122167	1113754	1.42	cps
Molybdenum	95-1	1650304	1664799	1652225	1655776	0.48	cps
Molybdenum	96-1	1771593	1798968	1810546	1793702	1.12	cps
Molybdenum	97-1	982090	986479	1017323	995297	1.93	cps
Molybdenum	98-1	2638807	2628536	2658758	2642034	0.58	cps
Neodymium	150-1	13	33	17	21	50.75	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	53468	52137	53134	52913	1.31	cps
Phosphorus	31-2	8122	8159	8352	8211	1.51	cps
Potassium	39-2	928131	918739	922710	923193	0.51	cps
Rhodium	103-1	4794505	4745887	4856649	4799014	1.16	cps
Rhodium	103-2	2967877	2967649	2950613	2962046	0.33	cps
Scandium	45-1	3123216	3112313	3144041	3126523	0.52	cps
Scandium	45-2	301052	299612	302227	300964	0.44	cps
Selenium	82-1	4756	4899	4996	4884	2.47	cps
Selenium	77-2	467	500	440	469	6.41	cps
Selenium	78-2	1960	1990	1963	1971	0.83	cps
Silicon	28-1	668580	678016	689156	678584	1.52	cps
Silver	107-1	344846	349101	357249	350398	1.80	cps
Silver	109-1	324693	334470	333099	330754	1.60	cps
Sodium	23-2	2038398	2016250	2038411	2031020	0.63	cps
Strontium	86-1	2425766	2472081	2463560	2453802	1.00	cps
Strontium	88-1	21113384	21671706	21565906	21450332	1.38	cps
Sulfur	34-1	204688	206002	204644	205111	0.38	cps
Terbium	159-1	5743040	5639146	5727924	5703370	0.98	cps
Terbium	159-2	3918816	3898556	3893974	3903782	0.34	cps
Thallium	203-1	196961	200181	203093	200078	1.53	cps
Thallium	205-1	467853	472217	476618	472229	0.93	cps
Tin	118-1	222816	228351	229512	226893	1.58	cps
Titanium	47-1	434006	441011	443793	439603	1.15	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:22:54	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	564403	571720	582502	572875	1.59	cps
Vanadium	51-2	125027	122533	124421	123994	1.05	cps
Yttrium	89-1	8748077	8924677	8803064	8825272	1.02	cps
Yttrium	89-2	2333322	2358769	2381070	2357720	1.01	cps
Zinc	66-2	243433	243146	244529	243703	0.30	cps
Zirconium	90-1	509277	509619	517769	512222	0.94	cps
Zirconium	91-1	111709	112376	113589	112558	0.85	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:26:02	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	348651	342772	347299	346241	0.89	cps
Antimony	121-1	686338	702156	711069	699855	1.79	cps
Arsenic	75-2	46258	46399	45526	46061	1.02	cps
Barium	135-1	826840	835434	842339	834871	0.93	cps
Barium	137-1	1402743	1448094	1451585	1434141	1.90	cps
Beryllium	9-1	80625	81633	82890	81716	1.39	cps
Bismuth	209-1	3311668	3408589	3400077	3373445	1.59	cps
Bismuth	209-2	2732491	2793865	2715092	2747149	1.51	cps
Bromine	81-1	6435	6205	6331	6324	1.82	cps
Bromine	81-2	67	67	60	64	5.98	cps
Cadmium	108-1	12269	12452	12976	12566	2.92	cps
Cadmium	106-1	18959	19169	19513	19214	1.46	cps
Cadmium	111-1	170074	173640	176272	173329	1.79	cps
Calcium	43-1	229803	236358	239029	235063	2.02	cps
Calcium	44-1	3452118	3561195	3565450	3526254	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	351211	350117	344924	348751	0.96	cps
Cobalt	59-2	510451	516744	511087	512761	0.68	cps
Copper	63-2	3937772	3925383	3933747	3932301	0.16	cps
Dysprosium	156-1	317	287	350	318	9.97	cps
Dysprosium	156-2	117	120	90	109	15.10	cps
Erbium	164-1	30	60	50	47	32.73	cps
Erbium	164-2	23	23	30	26	15.07	cps
Gadolinium	160-1	30	23	43	32	31.61	cps
Gadolinium	160-2	147	113	100	120	20.03	cps
Holmium	165-1	5540756	5559838	5644020	5581538	0.98	cps
Holmium	165-2	3871981	3967639	3899108	3912909	1.26	cps
Indium	115-1	4971303	4944331	4997585	4971073	0.54	cps
Indium	115-2	1801078	1793698	1714771	1769849	2.70	cps
Iron	56-2	15079425	14764618	14951462	14931835	1.06	cps
Iron	57-2	389557	387984	388682	388741	0.20	cps
Iron	54-2	852182	854315	856100	854199	0.23	cps
Krypton	83-1	243	260	267	257	4.68	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:26:02	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2282282	2313795	2336151	2310743	1.17	cps
Lead	207-1	1998370	2037050	2042552	2025991	1.19	cps
Lead	208-1	9174548	9246537	9334785	9251957	0.87	cps
Lithium	6-1	441008	456159	448296	448488	1.69	cps
Magnesium	24-2	2861389	2903239	2864981	2876537	0.81	cps
Manganese	55-2	2493933	2467003	2541261	2500732	1.50	cps
Molybdenum	94-1	2788319	2882067	2877268	2849218	1.85	cps
Molybdenum	95-1	4029645	4176975	4174336	4126986	2.04	cps
Molybdenum	96-1	4396840	4551556	4539871	4496089	1.92	cps
Molybdenum	97-1	2506080	2601762	2561716	2556519	1.88	cps
Molybdenum	98-1	6484002	6614159	6665515	6587892	1.42	cps
Neodymium	150-1	47	27	53	42	32.86	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	133630	131031	132953	132538	1.02	cps
Phosphorus	31-2	20457	20861	21018	20779	1.39	cps
Potassium	39-2	2058562	2071884	2029382	2053276	1.06	cps
Rhodium	103-1	4804277	4816313	4843701	4821430	0.42	cps
Rhodium	103-2	2956490	3031671	2928313	2972158	1.80	cps
Scandium	45-1	3143999	3172223	3150459	3155560	0.47	cps
Scandium	45-2	299603	301107	299985	300232	0.26	cps
Selenium	82-1	11479	11813	11888	11726	1.86	cps
Selenium	77-2	1103	1230	1380	1238	11.19	cps
Selenium	78-2	4314	4527	4217	4353	3.64	cps
Silicon	28-1	1268837	1301279	1348525	1306214	3.07	cps
Silver	107-1	861582	879382	883434	874799	1.33	cps
Silver	109-1	813654	830147	826161	823321	1.05	cps
Sodium	23-2	4945526	4977980	4931033	4951513	0.49	cps
Strontium	86-1	6058442	6165987	6192424	6138951	1.16	cps
Strontium	88-1	52356749	53816361	53929388	53367499	1.64	cps
Sulfur	34-1	233133	232806	234025	233321	0.27	cps
Terbium	159-1	5678522	5754625	5797755	5743634	1.05	cps
Terbium	159-2	3841830	3777257	3782307	3800465	0.94	cps
Thallium	203-1	494649	506603	508912	503388	1.52	cps
Thallium	205-1	1170002	1197810	1191133	1186315	1.22	cps
Tin	118-1	552416	567281	564797	561498	1.42	cps
Titanium	47-1	1073702	1103274	1101914	1092963	1.53	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:26:02	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1408584	1448472	1458489	1438515	1.84	cps
Vanadium	51-2	312522	310376	312775	311891	0.42	cps
Yttrium	89-1	8841471	9016277	9021233	8959661	1.14	cps
Yttrium	89-2	2413022	2398530	2367556	2393036	0.97	cps
Zinc	66-2	610039	610986	601270	607432	0.88	cps
Zirconium	90-1	1252457	1290780	1294935	1279391	1.83	cps
Zirconium	91-1	277355	285509	286138	283001	1.73	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:29:01	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700753	696269	689155	695392	0.84	cps
Antimony	121-1	1374369	1422509	1431892	1409590	2.19	cps
Arsenic	75-2	94290	92797	92040	93042	1.23	cps
Barium	135-1	1790441	1803985	1840301	1811576	1.42	cps
Barium	137-1	3077657	3124254	3185001	3128970	1.72	cps
Beryllium	9-1	162630	166274	167701	165535	1.58	cps
Bismuth	209-1	3361138	3422471	3354249	3379286	1.11	cps
Bismuth	209-2	2774843	2721733	2758672	2751749	0.99	cps
Bromine	81-1	6315	6145	6241	6234	1.37	cps
Bromine	81-2	53	53	87	64	29.87	cps
Cadmium	108-1	25332	25315	25756	25468	0.98	cps
Cadmium	106-1	36476	36559	37178	36738	1.04	cps
Cadmium	111-1	340217	350231	352722	347723	1.90	cps
Calcium	43-1	465262	477454	476051	472922	1.41	cps
Calcium	44-1	6859443	7225510	7158646	7081200	2.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	695146	689144	693147	692479	0.44	cps
Cobalt	59-2	1037288	1029979	1027601	1031623	0.49	cps
Copper	63-2	7694578	7740124	7572645	7669115	1.13	cps
Dysprosium	156-1	410	343	407	387	9.72	cps
Dysprosium	156-2	177	153	160	163	7.36	cps
Erbium	164-1	43	47	67	52	24.17	cps
Erbium	164-2	27	47	37	37	27.27	cps
Gadolinium	160-1	40	53	20	38	44.41	cps
Gadolinium	160-2	173	140	193	169	15.95	cps
Holmium	165-1	5599604	5787088	5778033	5721575	1.85	cps
Holmium	165-2	3957288	3917275	3956526	3943696	0.58	cps
Indium	115-1	4939074	4980124	4946214	4955138	0.44	cps
Indium	115-2	1796747	1781650	1760920	1779772	1.01	cps
Iron	56-2	29928793	29745015	29729360	29801056	0.37	cps
Iron	57-2	768300	762731	759993	763675	0.55	cps
Iron	54-2	1675144	1702877	1674864	1684295	0.96	cps
Krypton	83-1	233	220	227	227	2.94	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:29:01	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4644335	4709153	4707900	4687129	0.79	cps
Lead	207-1	4064032	4117153	4153126	4111437	1.09	cps
Lead	208-1	18382376	18781544	18851608	18671843	1.36	cps
Lithium	6-1	445519	461526	451882	452976	1.78	cps
Magnesium	24-2	5879260	5697599	5753932	5776930	1.61	cps
Manganese	55-2	4963257	4954946	4916207	4944803	0.51	cps
Molybdenum	94-1	5610347	5834997	5785944	5743763	2.06	cps
Molybdenum	95-1	8108329	8277655	8459485	8281823	2.12	cps
Molybdenum	96-1	8820416	9176458	9178378	9058417	2.28	cps
Molybdenum	97-1	5012372	5194989	5158390	5121917	1.89	cps
Molybdenum	98-1	13118572	13345657	13461007	13308412	1.31	cps
Neodymium	150-1	27	50	50	42	31.90	cps
Neodymium	150-2	17	10	20	16	32.73	cps
Nickel	60-2	262984	265644	260406	263011	1.00	cps
Phosphorus	31-2	41396	41005	40901	41101	0.63	cps
Potassium	39-2	4088673	3949695	4016437	4018268	1.73	cps
Rhodium	103-1	4824191	4920232	4935356	4893259	1.23	cps
Rhodium	103-2	3024986	2963087	2919067	2969047	1.79	cps
Scandium	45-1	3140930	3253686	3177352	3190656	1.80	cps
Scandium	45-2	302971	301340	302679	302330	0.29	cps
Selenium	82-1	22609	23341	23369	23106	1.86	cps
Selenium	77-2	2317	2624	2437	2459	6.29	cps
Selenium	78-2	8182	8149	8066	8132	0.74	cps
Silicon	28-1	2208019	2244669	2282278	2244989	1.65	cps
Silver	107-1	1807413	1849915	1883559	1846962	2.07	cps
Silver	109-1	1722218	1768593	1786246	1759019	1.88	cps
Sodium	23-2	10165716	9990710	9922004	10026144	1.25	cps
Strontium	86-1	12264370	12491940	12523846	12426719	1.14	cps
Strontium	88-1	106092505	108508232	110074975	108225237	1.85	cps
Sulfur	34-1	280960	283674	285556	283396	0.82	cps
Terbium	159-1	5871605	5903170	5848247	5874341	0.47	cps
Terbium	159-2	3965214	3913089	3956502	3944935	0.71	cps
Thallium	203-1	990728	1027264	1030080	1016024	2.16	cps
Thallium	205-1	2741268	2832802	2771173	2781747	1.68	cps
Tin	118-1	1115137	1142189	1158877	1138734	1.94	cps
Titanium	47-1	2164955	2240570	2226402	2210642	1.82	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:29:01	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3346162	3452144	3441474	3413260	1.71	cps
Vanadium	51-2	626084	619914	622786	622928	0.50	cps
Yttrium	89-1	9020174	8950270	9099874	9023439	0.83	cps
Yttrium	89-2	2368061	2366447	2319155	2351221	1.18	cps
Zinc	66-2	1210825	1205689	1200394	1205636	0.43	cps
Zirconium	90-1	2580344	2629569	2636721	2615544	1.17	cps
Zirconium	91-1	556282	573215	575029	568175	1.82	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:31:54	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1393986	1375550	1376111	1381883	0.76	cps
Antimony	121-1	2971357	3079178	3125301	3058612	2.58	cps
Arsenic	75-2	188764	188538	187337	188213	0.41	cps
Barium	135-1	3625708	3759068	3779852	3721543	2.25	cps
Barium	137-1	6163678	6453504	6311723	6309635	2.30	cps
Beryllium	9-1	329641	338832	340200	336224	1.71	cps
Bismuth	209-1	3459454	3277869	3390129	3375817	2.71	cps
Bismuth	209-2	2827206	2837893	2837591	2834230	0.21	cps
Bromine	81-1	6175	6552	6458	6395	3.07	cps
Bromine	81-2	67	80	93	80	16.66	cps
Cadmium	108-1	49799	51354	50956	50703	1.59	cps
Cadmium	106-1	71659	73582	74403	73215	1.92	cps
Cadmium	111-1	683932	714749	707706	702129	2.30	cps
Calcium	43-1	934530	957733	956642	949635	1.38	cps
Calcium	44-1	13798341	14303837	14334514	14145564	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1381939	1380067	1392100	1384702	0.47	cps
Cobalt	59-2	2130435	2093055	2105693	2109728	0.90	cps
Copper	63-2	15396421	15447874	15375077	15406457	0.24	cps
Dysprosium	156-1	357	413	320	363	12.94	cps
Dysprosium	156-2	270	217	270	252	12.21	cps
Erbium	164-1	73	90	57	73	22.73	cps
Erbium	164-2	50	47	63	53	16.53	cps
Gadolinium	160-1	103	53	50	69	43.37	cps
Gadolinium	160-2	140	167	170	159	10.35	cps
Holmium	165-1	5770751	5497083	5627283	5631706	2.43	cps
Holmium	165-2	4058303	4128798	4071571	4086224	0.92	cps
Indium	115-1	4948447	4757284	5034439	4913390	2.89	cps
Indium	115-2	1804738	1785469	1794156	1794787	0.54	cps
Iron	56-2	60424131	59539517	59736202	59899950	0.78	cps
Iron	57-2	1502489	1502205	1476661	1493785	0.99	cps
Iron	54-2	3396211	3361571	3379446	3379076	0.51	cps
Krypton	83-1	267	260	213	247	11.78	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:31:54	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9399820	9761325	9642634	9601260	1.92	cps
Lead	207-1	8227065	8340295	8436148	8334503	1.26	cps
Lead	208-1	37355542	38216202	38509518	38027087	1.58	cps
Lithium	6-1	471952	454941	474785	467226	2.30	cps
Magnesium	24-2	11699142	11601102	11678114	11659453	0.44	cps
Manganese	55-2	9901890	9909520	10050934	9954115	0.84	cps
Molybdenum	94-1	11369976	11784867	11767449	11640764	2.02	cps
Molybdenum	95-1	16548426	17187045	17055909	16930460	1.99	cps
Molybdenum	96-1	18016535	18678628	18655471	18450211	2.04	cps
Molybdenum	97-1	10138595	10601971	10686986	10475851	2.82	cps
Molybdenum	98-1	26347645	27466752	27708381	27174260	2.67	cps
Neodymium	150-1	77	103	100	93	15.56	cps
Neodymium	150-2	30	53	17	33	55.67	cps
Nickel	60-2	521865	521049	523525	522146	0.24	cps
Phosphorus	31-2	81569	79552	82243	81121	1.73	cps
Potassium	39-2	8033468	7925857	8071692	8010339	0.94	cps
Rhodium	103-1	4817752	4668128	4821980	4769287	1.84	cps
Rhodium	103-2	2947279	3051146	2996125	2998183	1.73	cps
Scandium	45-1	3114920	3064133	3085841	3088298	0.83	cps
Scandium	45-2	307692	304693	306645	306344	0.50	cps
Selenium	82-1	44909	46594	46087	45863	1.88	cps
Selenium	77-2	4461	4767	4614	4614	3.32	cps
Selenium	78-2	16292	15732	16302	16109	2.03	cps
Silicon	28-1	4031930	4108696	4209059	4116562	2.16	cps
Silver	107-1	3643341	3721518	3771708	3712189	1.74	cps
Silver	109-1	3465277	3594674	3548622	3536191	1.85	cps
Sodium	23-2	20044022	19995425	20236171	20091873	0.63	cps
Strontium	86-1	24421816	25057639	25396997	24958817	1.98	cps
Strontium	88-1	212172530	220165690	223602037	218646752	2.68	cps
Sulfur	34-1	386134	390037	389075	388415	0.52	cps
Terbium	159-1	5873201	5804421	5970917	5882847	1.42	cps
Terbium	159-2	4107431	4068281	4045767	4073827	0.77	cps
Thallium	203-1	2363518	2429418	2452758	2415232	1.92	cps
Thallium	205-1	5539538	5716419	5678533	5644830	1.65	cps
Tin	118-1	2457449	2483999	2549972	2497140	1.91	cps
Titanium	47-1	4375900	4505948	4516886	4466245	1.76	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:31:54	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6962305	7067218	7082843	7037455	0.93	cps
Vanadium	51-2	1261254	1247546	1232116	1246972	1.17	cps
Yttrium	89-1	9043176	8811720	8970208	8941701	1.32	cps
Yttrium	89-2	2432764	2409550	2418288	2420200	0.48	cps
Zinc	66-2	2479079	2493376	2481436	2484630	0.31	cps
Zirconium	90-1	5211359	5420620	5419077	5350352	2.25	cps
Zirconium	91-1	1135978	1172443	1173975	1160799	1.85	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:34:39	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2812417	2794795	2814691	2807301	0.39	cps
Antimony	121-1	6189196	6248124	6234462	6223927	0.50	cps
Arsenic	75-2	382461	380542	380615	381206	0.29	cps
Barium	135-1	7432424	7608235	7659549	7566736	1.57	cps
Barium	137-1	12822068	13236741	13157366	13072058	1.68	cps
Beryllium	9-1	707076	715886	722736	715233	1.10	cps
Bismuth	209-1	3447799	3612505	3579102	3546469	2.46	cps
Bismuth	209-2	2894720	2812132	2835219	2847357	1.50	cps
Bromine	81-1	6602	6592	6421	6538	1.55	cps
Bromine	81-2	50	73	67	63	18.98	cps
Cadmium	108-1	103365	104909	106457	104911	1.47	cps
Cadmium	106-1	147221	149571	147985	148259	0.81	cps
Cadmium	111-1	1411201	1426687	1432857	1423582	0.78	cps
Calcium	43-1	1904344	1926052	1914475	1914957	0.57	cps
Calcium	44-1	28929030	29053816	29344010	29108952	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2846522	2828782	2814448	2829917	0.57	cps
Cobalt	59-2	4253201	4208984	4231759	4231315	0.52	cps
Copper	63-2	30878009	30697709	30747141	30774286	0.30	cps
Dysprosium	156-1	510	450	483	481	6.25	cps
Dysprosium	156-2	437	473	397	436	8.80	cps
Erbium	164-1	97	90	100	96	5.33	cps
Erbium	164-2	93	67	47	69	33.98	cps
Gadolinium	160-1	107	63	80	83	26.23	cps
Gadolinium	160-2	270	183	200	218	21.12	cps
Holmium	165-1	5901009	6005493	6059975	5988826	1.35	cps
Holmium	165-2	4222588	4150129	4121420	4164713	1.25	cps
Indium	115-1	5054381	5149551	5125236	5109723	0.97	cps
Indium	115-2	1786626	1745083	1752510	1761406	1.26	cps
Iron	56-2	120853538	120993585	121512575	121119899	0.29	cps
Iron	57-2	3053613	3034154	3052217	3046661	0.36	cps
Iron	54-2	6775748	6720236	6724967	6740317	0.46	cps
Krypton	83-1	253	270	243	256	5.27	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:34:39	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19256754	19760304	19751030	19589363	1.47	cps
Lead	207-1	17037219	17513437	17325531	17292062	1.39	cps
Lead	208-1	77389738	79504512	78845517	78579922	1.38	cps
Lithium	6-1	491889	506961	510595	503148	1.97	cps
Magnesium	24-2	23795817	23252616	23527713	23525382	1.15	cps
Manganese	55-2	20120301	20183586	20053100	20118996	0.32	cps
Molybdenum	94-1	23737593	24354150	24241792	24111179	1.36	cps
Molybdenum	95-1	34613127	35165122	35199984	34992744	0.94	cps
Molybdenum	96-1	37743070	37781404	38454102	37992859	1.05	cps
Molybdenum	97-1	21460889	21716948	21982921	21720253	1.20	cps
Molybdenum	98-1	54771706	56411837	55942866	55708803	1.52	cps
Neodymium	150-1	247	250	277	258	6.38	cps
Neodymium	150-2	50	47	30	42	25.38	cps
Nickel	60-2	1046654	1033639	1041656	1040650	0.63	cps
Phosphorus	31-2	166491	164692	166023	165736	0.56	cps
Potassium	39-2	16182646	16117726	16248282	16182885	0.40	cps
Rhodium	103-1	4885668	4984692	5048960	4973107	1.65	cps
Rhodium	103-2	3035741	2967930	2988457	2997376	1.16	cps
Scandium	45-1	3275927	3258619	3279164	3271237	0.34	cps
Scandium	45-2	312612	310769	307973	310451	0.75	cps
Selenium	82-1	93206	93937	93790	93644	0.41	cps
Selenium	77-2	9480	9903	9613	9665	2.24	cps
Selenium	78-2	31965	31677	32148	31930	0.74	cps
Silicon	28-1	7718974	7809552	7701790	7743439	0.75	cps
Silver	107-1	7595079	7509256	7677955	7594097	1.11	cps
Silver	109-1	6967219	7220875	7354079	7180724	2.74	cps
Sodium	23-2	40855999	40337359	40496553	40563304	0.65	cps
Strontium	86-1	51175089	51467446	51738278	51460271	0.55	cps
Strontium	88-1	448046073	450857073	458088860	452330669	1.15	cps
Sulfur	34-1	603111	614327	610753	609397	0.94	cps
Terbium	159-1	6139027	6256459	6270110	6221865	1.16	cps
Terbium	159-2	4202856	4161302	4151613	4171924	0.65	cps
Thallium	203-1	4916539	4947670	5028421	4964210	1.16	cps
Thallium	205-1	11495012	11627301	11784002	11635438	1.24	cps
Tin	118-1	4930656	5044015	5029041	5001237	1.23	cps
Titanium	47-1	9005435	9132523	9147767	9095242	0.86	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:34:39	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14491443	14759204	14869810	14706819	1.32	cps
Vanadium	51-2	2514869	2532276	2517067	2521404	0.38	cps
Yttrium	89-1	9228921	9662815	9491627	9461121	2.31	cps
Yttrium	89-2	2479811	2446865	2391960	2439545	1.82	cps
Zinc	66-2	5057546	5007121	4994717	5019795	0.66	cps
Zirconium	90-1	10841962	11105061	11057073	11001365	1.27	cps
Zirconium	91-1	2404784	2500712	2452756	2452751	1.96	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:37:25	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14883943	14809071	14810242	14834419	0.29	cps
Antimony	121-1	5041	4924	4654	4873	4.07	cps
Arsenic	75-2	290	250	230	257	11.90	cps
Barium	135-1	3077	3017	3094	3063	1.32	cps
Barium	137-1	5661	5404	5334	5467	3.15	cps
Beryllium	9-1	127	157	140	141	10.65	cps
Bismuth	209-1	3334707	3312833	3352002	3333180	0.59	cps
Bismuth	209-2	2659939	2730409	2723877	2704742	1.44	cps
Bromine	81-1	7128	6955	7419	7167	3.27	cps
Bromine	81-2	87	60	90	79	20.84	cps
Cadmium	108-1	83	57	47	62	30.46	cps
Cadmium	106-1	1527	1637	1527	1563	4.06	cps
Cadmium	111-1	1270	1316	1276	1288	1.93	cps
Calcium	43-1	8225386	8449484	8688413	8454427	2.74	cps
Calcium	44-1	137228675	137323241	141654135	138735350	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9633	9760	9717	9703	0.66	cps
Cobalt	59-2	11671	11318	11481	11490	1.54	cps
Copper	63-2	8282	8496	8429	8402	1.30	cps
Dysprosium	156-1	567	567	500	544	7.07	cps
Dysprosium	156-2	270	230	243	248	8.22	cps
Erbium	164-1	217	237	237	230	5.02	cps
Erbium	164-2	197	177	123	166	22.90	cps
Gadolinium	160-1	187	193	220	200	8.82	cps
Gadolinium	160-2	260	243	217	240	9.11	cps
Holmium	165-1	6071908	6077056	6077932	6075632	0.05	cps
Holmium	165-2	4172185	4251316	4168106	4197202	1.12	cps
Indium	115-1	5084117	5095577	5073976	5084557	0.21	cps
Indium	115-2	1835533	1830404	1786229	1817389	1.49	cps
Iron	56-2	604838178	603303364	600085911	602742484	0.40	cps
Iron	57-2	15240692	15210070	15116457	15189073	0.43	cps
Iron	54-2	33383332	33575820	33231126	33396760	0.52	cps
Krypton	83-1	273	227	300	267	13.92	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:37:25	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4284	3974	4367	4208	4.93	cps
Lead	207-1	3694	3524	3561	3593	2.49	cps
Lead	208-1	17178	16374	16634	16729	2.45	cps
Lithium	6-1	515939	514746	530101	520262	1.64	cps
Magnesium	24-2	122429638	123259698	122897702	122862346	0.34	cps
Manganese	55-2	11385	10947	10941	11091	2.29	cps
Molybdenum	94-1	6125	5751	5554	5810	4.99	cps
Molybdenum	95-1	5401	5251	5001	5218	3.87	cps
Molybdenum	96-1	11328	10864	11184	11125	2.13	cps
Molybdenum	97-1	3247	3224	3234	3235	0.36	cps
Molybdenum	98-1	8012	7996	7715	7908	2.11	cps
Neodymium	150-1	97	147	93	112	26.62	cps
Neodymium	150-2	87	80	43	70	33.34	cps
Nickel	60-2	5164	5368	5168	5233	2.23	cps
Phosphorus	31-2	213	227	263	234	11.04	cps
Potassium	39-2	83864742	83841120	84541375	84082413	0.47	cps
Rhodium	103-1	4714429	4733957	4781433	4743273	0.73	cps
Rhodium	103-2	2933559	2908171	2926664	2922798	0.45	cps
Scandium	45-1	3334127	3292463	3354783	3327124	0.95	cps
Scandium	45-2	321681	318698	318268	319549	0.58	cps
Selenium	82-1	490	488	368	449	15.57	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	320	327	397	348	12.21	cps
Silicon	28-1	337392	331974	328471	332612	1.35	cps
Silver	107-1	1053	960	873	962	9.36	cps
Silver	109-1	870	870	687	809	13.09	cps
Sodium	23-2	209451584	207424110	205973710	207616468	0.84	cps
Strontium	86-1	9016	8593	8566	8725	2.90	cps
Strontium	88-1	75218	73600	72243	73687	2.02	cps
Sulfur	34-1	188608	193518	194622	192250	1.67	cps
Terbium	159-1	6236668	6141037	6292492	6223399	1.23	cps
Terbium	159-2	4197936	4173827	4121251	4164338	0.94	cps
Thallium	203-1	833	723	630	729	13.96	cps
Thallium	205-1	1733	1520	1463	1572	9.06	cps
Tin	118-1	3591	3424	3597	3537	2.78	cps
Titanium	47-1	1343	1467	1387	1399	4.47	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:37:25	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	887	867	763	839	7.89	cps
Vanadium	51-2	587	543	673	601	11.01	cps
Yttrium	89-1	9335911	9439542	9352995	9376149	0.59	cps
Yttrium	89-2	2473828	2488174	2437720	2466574	1.05	cps
Zinc	66-2	5138	4961	5431	5177	4.59	cps
Zirconium	90-1	6345	6211	6211	6256	1.23	cps
Zirconium	91-1	1423	1467	1343	1411	4.43	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:42:33	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68449	68833	67993	68425	0.61	cps
Antimony	121-1	1096703	1124802	1139374	1120293	1.94	cps
Arsenic	75-2	76763	76379	75913	76352	0.56	cps
Barium	135-1	129829	132933	134875	132546	1.92	cps
Barium	137-1	221796	229421	229099	226772	1.90	cps
Beryllium	9-1	66261	69100	68179	67846	2.13	cps
Bismuth	209-1	3293728	3362199	3327527	3327818	1.03	cps
Bismuth	209-2	2652108	2867187	2760602	2759966	3.90	cps
Bromine	81-1	6205	6288	6682	6391	3.98	cps
Bromine	81-2	57	87	80	74	21.16	cps
Cadmium	108-1	9043	9496	9470	9336	2.73	cps
Cadmium	106-1	14260	14110	14504	14292	1.39	cps
Cadmium	111-1	137434	142331	142887	140884	2.13	cps
Calcium	43-1	32879	33353	33995	33409	1.68	cps
Calcium	44-1	550910	566041	568859	561937	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	289039	284269	285211	286173	0.88	cps
Cobalt	59-2	428293	421002	426888	425394	0.91	cps
Copper	63-2	291195	290919	287386	289833	0.73	cps
Dysprosium	156-1	333	307	297	312	6.07	cps
Dysprosium	156-2	77	127	60	88	39.53	cps
Erbium	164-1	30	40	23	31	26.97	cps
Erbium	164-2	40	43	27	37	24.04	cps
Gadolinium	160-1	23	23	33	27	21.65	cps
Gadolinium	160-2	140	173	150	154	11.08	cps
Holmium	165-1	5575127	5643658	5589005	5602596	0.65	cps
Holmium	165-2	3816184	4116922	3894418	3942508	3.96	cps
Indium	115-1	5037051	5153837	5082535	5091141	1.16	cps
Indium	115-2	1672008	1919477	1759215	1783567	7.04	cps
Iron	56-2	4850788	4761069	4746716	4786191	1.18	cps
Iron	57-2	124037	122559	124921	123839	0.96	cps
Iron	54-2	285113	277008	283007	281709	1.49	cps
Krypton	83-1	250	223	193	222	12.76	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:42:33	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	704671	717932	723267	715290	1.34	cps
Lead	207-1	586505	601026	604781	597437	1.62	cps
Lead	208-1	2728510	2788331	2807533	2774791	1.49	cps
Lithium	6-1	460310	470414	463933	464886	1.10	cps
Magnesium	24-2	292944	287492	289748	290061	0.94	cps
Manganese	55-2	204114	196669	197979	199587	1.99	cps
Molybdenum	94-1	970	957	910	946	3.33	cps
Molybdenum	95-1	490	493	403	462	11.04	cps
Molybdenum	96-1	607	657	697	653	6.90	cps
Molybdenum	97-1	300	233	217	250	17.64	cps
Molybdenum	98-1	627	660	620	636	3.37	cps
Neodymium	150-1	13	13	10	12	15.73	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	111024	107710	108688	109141	1.56	cps
Phosphorus	31-2	193	130	173	166	19.56	cps
Potassium	39-2	748252	746915	747547	747571	0.09	cps
Rhodium	103-1	4962112	4891739	4967761	4940537	0.86	cps
Rhodium	103-2	2908207	3167188	2980264	3018553	4.43	cps
Scandium	45-1	3226233	3240639	3234319	3233730	0.22	cps
Scandium	45-2	294395	321860	300879	305711	4.70	cps
Selenium	82-1	18993	19357	19284	19211	1.00	cps
Selenium	77-2	1940	1917	2104	1987	5.12	cps
Selenium	78-2	7112	6968	7168	7083	1.46	cps
Silicon	28-1	292218	295605	295852	294558	0.69	cps
Silver	107-1	335259	346252	342558	341356	1.64	cps
Silver	109-1	315995	327212	324893	322700	1.83	cps
Sodium	23-2	883119	865289	874401	874270	1.02	cps
Strontium	86-1	1087	1050	1170	1102	5.58	cps
Strontium	88-1	7062	6902	6965	6976	1.16	cps
Sulfur	34-1	185143	188092	184863	186033	0.96	cps
Terbium	159-1	5808552	5933532	5939803	5893963	1.26	cps
Terbium	159-2	3760789	4129776	3823861	3904809	5.05	cps
Thallium	203-1	870509	893938	895808	886752	1.59	cps
Thallium	205-1	2365632	2411809	2422774	2400072	1.26	cps
Tin	118-1	1643	1770	1857	1757	6.11	cps
Titanium	47-1	177	163	227	189	17.68	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:42:33	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	103	113	100	106	6.58	cps
Vanadium	51-2	249815	245303	248322	247813	0.93	cps
Yttrium	89-1	8986494	9148878	9062265	9065879	0.90	cps
Yttrium	89-2	2298598	2513199	2361459	2391085	4.61	cps
Zinc	66-2	97553	96748	97070	97123	0.42	cps
Zirconium	90-1	1780	1630	1287	1566	16.15	cps
Zirconium	91-1	423	470	423	439	6.14	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:45:49	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303	283	263	283	7.06	cps
Antimony	121-1	860	773	837	823	5.45	cps
Arsenic	75-2	17	17	20	18	10.81	cps
Barium	135-1	127	70	73	90	35.33	cps
Barium	137-1	133	137	153	141	7.59	cps
Beryllium	9-1	17	37	57	37	54.54	cps
Bismuth	209-1	3276267	3338765	3395436	3336823	1.79	cps
Bismuth	209-2	2730410	2728185	2790577	2749724	1.29	cps
Bromine	81-1	6191	6278	6215	6228	0.72	cps
Bromine	81-2	77	73	70	73	4.55	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Cadmium	106-1	1500	1493	1490	1495	0.34	cps
Cadmium	111-1	1064	1066	1057	1062	0.44	cps
Calcium	43-1	340	263	290	298	13.07	cps
Calcium	44-1	16763	15855	16219	16279	2.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	737	773	750	753	2.46	cps
Cobalt	59-2	153	167	137	152	9.87	cps
Copper	63-2	1233	1163	1233	1210	3.34	cps
Dysprosium	156-1	367	327	223	306	24.21	cps
Dysprosium	156-2	57	90	63	70	25.20	cps
Erbium	164-1	50	50	23	41	37.46	cps
Erbium	164-2	30	43	23	32	31.61	cps
Gadolinium	160-1	20	30	20	23	24.74	cps
Gadolinium	160-2	117	157	153	142	15.61	cps
Holmium	165-1	5517518	5650006	5576728	5581418	1.19	cps
Holmium	165-2	3958070	3884868	3919086	3920674	0.93	cps
Indium	115-1	5020795	4985766	4930477	4979013	0.91	cps
Indium	115-2	1805448	1802346	1791406	1799733	0.41	cps
Iron	56-2	14681	15091	14664	14812	1.63	cps
Iron	57-2	2937	3190	2974	3034	4.51	cps
Iron	54-2	1737	1767	1730	1745	1.12	cps
Krypton	83-1	267	280	183	243	21.53	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:45:49	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	537	500	450	496	8.78	cps
Lead	207-1	480	433	407	440	8.44	cps
Lead	208-1	2170	2053	1870	2031	7.45	cps
Lithium	6-1	445078	461881	454807	453922	1.86	cps
Magnesium	24-2	970	933	970	958	2.21	cps
Manganese	55-2	560	527	517	534	4.25	cps
Molybdenum	94-1	430	463	497	463	7.19	cps
Molybdenum	95-1	227	243	233	234	3.58	cps
Molybdenum	96-1	330	293	333	319	6.96	cps
Molybdenum	97-1	173	137	173	161	13.14	cps
Molybdenum	98-1	337	290	310	312	7.50	cps
Neodymium	150-1	7	13	10	10	33.30	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	97	110	103	103	6.45	cps
Phosphorus	31-2	137	117	180	144	22.41	cps
Potassium	39-2	88958	87697	89002	88552	0.84	cps
Rhodium	103-1	4870387	4898371	4858105	4875621	0.42	cps
Rhodium	103-2	3016582	3055514	2975930	3016009	1.32	cps
Scandium	45-1	3178627	3152884	3111963	3147825	1.07	cps
Scandium	45-2	306017	301391	302916	303441	0.78	cps
Selenium	82-1	331	236	352	306	20.21	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	383	410	370	388	5.25	cps
Silicon	28-1	287648	288533	289381	288521	0.30	cps
Silver	107-1	340	260	220	273	22.36	cps
Silver	109-1	267	223	183	224	18.57	cps
Sodium	23-2	49453	49225	48479	49052	1.04	cps
Strontium	86-1	460	540	463	488	9.28	cps
Strontium	88-1	1370	1227	1280	1292	5.61	cps
Sulfur	34-1	183420	182647	183500	183189	0.26	cps
Terbium	159-1	5804083	5768125	5708546	5760251	0.84	cps
Terbium	159-2	3966191	3953178	3947188	3955519	0.25	cps
Thallium	203-1	257	257	237	250	4.62	cps
Thallium	205-1	627	553	540	573	8.14	cps
Tin	118-1	1260	1487	1600	1449	11.95	cps
Titanium	47-1	140	157	163	153	7.84	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:45:49	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67	67	27	53	43.30	cps
Vanadium	51-2	20	27	33	27	24.99	cps
Yttrium	89-1	8968170	8827468	8835276	8876971	0.89	cps
Yttrium	89-2	2420994	2416853	2429308	2422385	0.26	cps
Zinc	66-2	547	557	533	546	2.15	cps
Zirconium	90-1	923	833	860	872	5.30	cps
Zirconium	91-1	197	187	207	197	5.08	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:49:07	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13064932	13088873	13299352	13151052	0.98	cps
Antimony	121-1	6858	6928	7132	6973	2.04	cps
Arsenic	75-2	147	130	117	131	11.46	cps
Barium	135-1	2224	2120	1930	2091	7.12	cps
Barium	137-1	3530	3590	3681	3600	2.10	cps
Beryllium	9-1	270	237	220	242	10.51	cps
Bismuth	209-1	3507863	3449464	3334790	3430706	2.57	cps
Bismuth	209-2	2753927	2727829	2748682	2743479	0.50	cps
Bromine	81-1	6311	6605	6705	6540	3.13	cps
Bromine	81-2	133	103	110	116	13.64	cps
Cadmium	108-1	657	600	567	608	7.49	cps
Cadmium	106-1	1400	1490	1430	1440	3.18	cps
Cadmium	111-1	1384	1420	1451	1418	2.38	cps
Calcium	43-1	1608931	1706776	1702845	1672851	3.31	cps
Calcium	44-1	26407506	27679566	27793750	27293608	2.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57064	57144	57024	57077	0.11	cps
Cobalt	59-2	5448	5404	5544	5465	1.31	cps
Copper	63-2	23619	23499	23799	23639	0.64	cps
Dysprosium	156-1	357	250	263	290	20.04	cps
Dysprosium	156-2	87	77	97	87	11.54	cps
Erbium	164-1	70	60	50	60	16.67	cps
Erbium	164-2	40	50	37	42	16.43	cps
Gadolinium	160-1	50	37	33	40	22.05	cps
Gadolinium	160-2	203	170	163	179	11.98	cps
Holmium	165-1	5961248	5916621	5822317	5900062	1.20	cps
Holmium	165-2	4120868	4151063	4099593	4123842	0.63	cps
Indium	115-1	5228059	5026851	4922736	5059215	3.07	cps
Indium	115-2	1836976	1780917	1803695	1807196	1.56	cps
Iron	56-2	242394803	239948883	242506696	241616794	0.60	cps
Iron	57-2	5981333	6008444	6020481	6003419	0.33	cps
Iron	54-2	13309184	13379773	13544757	13411238	0.90	cps
Krypton	83-1	230	287	243	253	11.70	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:49:07	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16520	16710	16403	16545	0.94	cps
Lead	207-1	12286	13323	13370	12993	4.72	cps
Lead	208-1	60834	63238	62753	62275	2.04	cps
Lithium	6-1	510434	476155	476789	487793	4.02	cps
Magnesium	24-2	23485548	23381836	23560153	23475846	0.38	cps
Manganese	55-2	18144	18298	17894	18112	1.13	cps
Molybdenum	94-1	3543532	3480473	3545361	3523122	1.05	cps
Molybdenum	95-1	6122992	6076150	6090376	6096506	0.39	cps
Molybdenum	96-1	6475404	6473615	6419587	6456202	0.49	cps
Molybdenum	97-1	3671955	3733385	3735634	3713658	0.97	cps
Molybdenum	98-1	9574448	9770440	9604983	9649957	1.09	cps
Neodymium	150-1	60	33	43	46	29.58	cps
Neodymium	150-2	33	13	10	19	66.81	cps
Nickel	60-2	5788	5791	6141	5907	3.44	cps
Phosphorus	31-2	848122	842950	844807	845293	0.31	cps
Potassium	39-2	32224706	32074445	32182625	32160592	0.24	cps
Rhodium	103-1	4779819	4810435	4836981	4809079	0.59	cps
Rhodium	103-2	2979369	3027986	2941998	2983118	1.45	cps
Scandium	45-1	3284489	3318781	3368433	3323901	1.27	cps
Scandium	45-2	311820	313002	316021	313614	0.69	cps
Selenium	82-1	377	344	342	354	5.61	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	377	377	380	378	0.51	cps
Silicon	28-1	337967	340706	339755	339476	0.41	cps
Silver	107-1	1017	763	817	866	15.43	cps
Silver	109-1	800	723	857	793	8.43	cps
Sodium	23-2	40285255	39942878	40746150	40324761	1.00	cps
Strontium	86-1	68713	70331	70140	69728	1.27	cps
Strontium	88-1	597526	595499	594236	595754	0.28	cps
Sulfur	34-1	2204040	2323106	2317022	2281390	2.94	cps
Terbium	159-1	5949511	6103295	6177858	6076888	1.92	cps
Terbium	159-2	4110942	4117383	4121326	4116550	0.13	cps
Thallium	203-1	757	860	883	833	8.09	cps
Thallium	205-1	1673	1947	1857	1826	7.63	cps
Tin	118-1	2200	2294	2360	2285	3.52	cps
Titanium	47-1	1658409	1682783	1663896	1668362	0.77	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:49:07	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	377	480	430	429	12.05	cps
Vanadium	51-2	510	463	510	494	5.45	cps
Yttrium	89-1	9228937	9195648	9148519	9191035	0.44	cps
Yttrium	89-2	2462922	2468025	2440475	2457141	0.60	cps
Zinc	66-2	6702	6678	6832	6737	1.23	cps
Zirconium	90-1	757	770	757	761	1.01	cps
Zirconium	91-1	203	213	167	194	12.64	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:52:10	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13434988	13271749	13308422	13338386	0.64	cps
Antimony	121-1	121169	122093	123898	122386	1.13	cps
Arsenic	75-2	7749	7785	8152	7896	2.83	cps
Barium	135-1	29524	30319	30663	30169	1.94	cps
Barium	137-1	49325	51132	51784	50747	2.51	cps
Beryllium	9-1	13289	13890	14187	13788	3.32	cps
Bismuth	209-1	3544450	3477040	3487363	3502951	1.04	cps
Bismuth	209-2	2824411	2819485	2826186	2823361	0.12	cps
Bromine	81-1	7228	7329	7432	7330	1.39	cps
Bromine	81-2	197	210	223	210	6.35	cps
Cadmium	108-1	2360	2324	2570	2418	5.51	cps
Cadmium	106-1	4094	4027	4127	4083	1.25	cps
Cadmium	111-1	29251	29798	29267	29439	1.06	cps
Calcium	43-1	1613829	1659201	1642195	1638408	1.40	cps
Calcium	44-1	26722240	27091630	26883759	26899210	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116042	116983	115371	116132	0.70	cps
Cobalt	59-2	90454	90230	90551	90412	0.18	cps
Copper	63-2	84430	84869	83253	84184	0.99	cps
Dysprosium	156-1	317	297	227	280	16.88	cps
Dysprosium	156-2	60	77	77	71	13.53	cps
Erbium	164-1	83	73	57	71	18.94	cps
Erbium	164-2	30	73	43	49	45.40	cps
Gadolinium	160-1	43	50	20	38	41.70	cps
Gadolinium	160-2	133	153	173	153	13.04	cps
Holmium	165-1	5975087	6156624	6140211	6090641	1.65	cps
Holmium	165-2	4221177	4251697	4211074	4227983	0.50	cps
Indium	115-1	5159085	5290573	5321890	5257183	1.64	cps
Indium	115-2	1868647	1853441	1820950	1847679	1.32	cps
Iron	56-2	245713463	242621170	241188196	243174276	0.95	cps
Iron	57-2	6157628	6105508	6039096	6100744	0.97	cps
Iron	54-2	13730980	13571456	13477196	13593211	0.94	cps
Krypton	83-1	237	257	207	233	10.79	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:52:10	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	91767	94593	97972	94777	3.28	cps
Lead	207-1	74895	79524	78899	77773	3.23	cps
Lead	208-1	351720	361368	366814	359967	2.12	cps
Lithium	6-1	491397	469784	455001	472061	3.88	cps
Magnesium	24-2	23783120	24012003	23603290	23799471	0.86	cps
Manganese	55-2	60812	58229	58356	59132	2.46	cps
Molybdenum	94-1	3585061	3591623	3666615	3614433	1.25	cps
Molybdenum	95-1	6108291	6252883	6310658	6223944	1.67	cps
Molybdenum	96-1	6440249	6704696	6753866	6632937	2.54	cps
Molybdenum	97-1	3692290	3893484	3974642	3853472	3.77	cps
Molybdenum	98-1	9529863	9971724	10160550	9887379	3.27	cps
Neodymium	150-1	37	43	30	37	18.18	cps
Neodymium	150-2	7	23	10	13	66.12	cps
Nickel	60-2	27916	28043	27979	27980	0.23	cps
Phosphorus	31-2	872158	861493	865028	866226	0.63	cps
Potassium	39-2	32887707	33058620	32812610	32919646	0.38	cps
Rhodium	103-1	4886984	5006466	5124649	5006033	2.37	cps
Rhodium	103-2	3081727	3093131	3042970	3072609	0.86	cps
Scandium	45-1	3389776	3287530	3298559	3325289	1.69	cps
Scandium	45-2	325175	320873	322442	322830	0.67	cps
Selenium	82-1	2091	2251	2210	2184	3.81	cps
Selenium	77-2	180	193	190	188	3.70	cps
Selenium	78-2	1110	880	950	980	12.03	cps
Silicon	28-1	355160	364145	371147	363484	2.20	cps
Silver	107-1	135789	136414	137891	136698	0.79	cps
Silver	109-1	124163	129325	127821	127103	2.09	cps
Sodium	23-2	40715610	40987613	40975441	40892888	0.38	cps
Strontium	86-1	68706	69319	69416	69147	0.56	cps
Strontium	88-1	597591	618025	621854	612490	2.13	cps
Sulfur	34-1	2218828	2311489	2267663	2265993	2.05	cps
Terbium	159-1	6194044	6364408	6335998	6298150	1.45	cps
Terbium	159-2	4203569	4145304	4258717	4202530	1.35	cps
Thallium	203-1	92877	96667	96455	95333	2.23	cps
Thallium	205-1	222543	225185	224557	224095	0.62	cps
Tin	118-1	4071	4687	4727	4495	8.19	cps
Titanium	47-1	1664413	1674883	1669227	1669508	0.31	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:52:10	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	547	413	1151	704	55.84	cps
Vanadium	51-2	51845	51541	51163	51517	0.66	cps
Yttrium	89-1	9396978	9595651	9538186	9510271	1.08	cps
Yttrium	89-2	2514502	2484783	2527364	2508883	0.87	cps
Zinc	66-2	20054	19176	20060	19763	2.57	cps
Zirconium	90-1	700	780	957	812	16.17	cps
Zirconium	91-1	200	137	197	178	20.05	cps

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:55:16	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7661037	7640801	7650837	7650892	0.13	cps
Antimony	121-1	3053330	3155193	3203848	3137457	2.45	cps
Arsenic	75-2	212246	213385	211698	212443	0.41	cps
Barium	135-1	3886459	3914704	3873451	3891538	0.54	cps
Barium	137-1	6613709	6720703	6749280	6694564	1.07	cps
Beryllium	9-1	328039	337768	337146	334318	1.63	cps
Bismuth	209-1	3503867	3424011	3475375	3467751	1.17	cps
Bismuth	209-2	2774573	2750272	2753386	2759410	0.48	cps
Bromine	81-1	7645	7202	7118	7322	3.87	cps
Bromine	81-2	90	63	117	90	29.63	cps
Cadmium	108-1	54643	55191	56312	55382	1.54	cps
Cadmium	106-1	77208	80451	80344	79334	2.32	cps
Cadmium	111-1	742794	763974	763151	756640	1.59	cps
Calcium	43-1	4333353	4512320	4461962	4435879	2.08	cps
Calcium	44-1	70258076	71684952	71794409	71245812	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1486552	1513913	1472028	1490831	1.43	cps
Cobalt	59-2	2326072	2341771	2351710	2339851	0.55	cps
Copper	63-2	16576618	16430222	16429699	16478846	0.51	cps
Dysprosium	156-1	407	437	447	430	4.84	cps
Dysprosium	156-2	350	293	303	316	9.59	cps
Erbium	164-1	140	120	153	138	12.18	cps
Erbium	164-2	97	90	103	97	6.89	cps
Gadolinium	160-1	157	113	123	131	17.31	cps
Gadolinium	160-2	270	233	233	246	8.62	cps
Holmium	165-1	6167776	6036718	6101208	6101901	1.07	cps
Holmium	165-2	4209930	4222893	4223789	4218871	0.18	cps
Indium	115-1	5305808	5233410	5292456	5277225	0.73	cps
Indium	115-2	1823003	1803079	1824563	1816882	0.66	cps
Iron	56-2	317851095	316062409	313426869	315780124	0.70	cps
Iron	57-2	7907974	8009684	7877275	7931644	0.87	cps
Iron	54-2	17451228	17681902	17464280	17532470	0.74	cps
Krypton	83-1	293	247	267	269	8.71	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:55:16	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9688255	9877614	9837800	9801223	1.02	cps
Lead	207-1	8414215	8572066	8572989	8519757	1.07	cps
Lead	208-1	38320119	38871204	38997420	38729581	0.93	cps
Lithium	6-1	448178	451684	448830	449564	0.41	cps
Magnesium	24-2	63367414	63601851	63346234	63438500	0.22	cps
Manganese	55-2	10497368	10516575	10384556	10466166	0.68	cps
Molybdenum	94-1	12095415	12493329	12652177	12413640	2.31	cps
Molybdenum	95-1	17513436	18053896	18239038	17935457	2.10	cps
Molybdenum	96-1	19052198	19342133	19738335	19377555	1.78	cps
Molybdenum	97-1	10988261	10934938	11165051	11029417	1.09	cps
Molybdenum	98-1	28567860	28678548	28938155	28728188	0.66	cps
Neodymium	150-1	210	150	203	188	17.51	cps
Neodymium	150-2	53	110	70	78	37.45	cps
Nickel	60-2	572556	569860	568684	570367	0.35	cps
Phosphorus	31-2	89704	89704	89349	89586	0.23	cps
Potassium	39-2	43123897	43562826	43518997	43401907	0.56	cps
Rhodium	103-1	5015431	5019168	4968709	5001103	0.56	cps
Rhodium	103-2	3027583	3015810	2994160	3012517	0.56	cps
Scandium	45-1	3418449	3427642	3378173	3408088	0.77	cps
Scandium	45-2	327909	329083	331069	329354	0.48	cps
Selenium	82-1	50368	50898	51196	50821	0.83	cps
Selenium	77-2	5204	5048	5164	5139	1.58	cps
Selenium	78-2	17624	17581	17824	17676	0.74	cps
Silicon	28-1	20003652	20143091	20300276	20149007	0.74	cps
Silver	107-1	3909103	3988533	4003863	3967167	1.28	cps
Silver	109-1	3750497	3776721	3802131	3776450	0.68	cps
Sodium	23-2	107308515	105644422	106364808	106439248	0.78	cps
Strontium	86-1	25946362	26245494	26755286	26315714	1.55	cps
Strontium	88-1	225242883	231476983	234789277	230503048	2.10	cps
Sulfur	34-1	388148	398520	398244	394971	1.50	cps
Terbium	159-1	6362962	6388968	6283667	6345199	0.86	cps
Terbium	159-2	4154486	4149304	4163143	4155644	0.17	cps
Thallium	203-1	2412623	2470265	2447185	2443358	1.19	cps
Thallium	205-1	5743493	5885903	5783873	5804423	1.26	cps
Tin	118-1	2415966	2526070	2499684	2480573	2.32	cps
Titanium	47-1	4706893	4705986	4807755	4740211	1.23	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:55:16	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7231464	7399718	7484422	7371868	1.75	cps
Vanadium	51-2	1345027	1368463	1359697	1357729	0.87	cps
Yttrium	89-1	9867258	9731055	9760219	9786177	0.73	cps
Yttrium	89-2	2492021	2498591	2530608	2507074	0.82	cps
Zinc	66-2	2714327	2766386	2709991	2730235	1.15	cps
Zirconium	90-1	5707358	5826043	5788083	5773828	1.05	cps
Zirconium	91-1	1230288	1258067	1258209	1248855	1.29	cps

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:58:02	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	950	980	937	956	2.32	cps
Antimony	121-1	2274	1940	2010	2075	8.47	cps
Arsenic	75-2	7	17	23	16	53.90	cps
Barium	135-1	313	290	320	308	5.12	cps
Barium	137-1	600	507	507	538	10.02	cps
Beryllium	9-1	87	77	63	76	15.50	cps
Bismuth	209-1	3447029	3572754	3492212	3503998	1.82	cps
Bismuth	209-2	2839194	2859028	2853146	2850456	0.36	cps
Bromine	81-1	6845	6868	6768	6827	0.77	cps
Bromine	81-2	33	67	57	52	32.76	cps
Cadmium	108-1	7	10	23	13	66.12	cps
Cadmium	106-1	1467	1630	1567	1555	5.30	cps
Cadmium	111-1	1132	1227	1167	1176	4.10	cps
Calcium	43-1	843	770	763	792	5.60	cps
Calcium	44-1	25639	25001	25599	25413	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	753	760	810	774	4.00	cps
Cobalt	59-2	267	220	303	263	15.86	cps
Copper	63-2	2444	2317	2294	2351	3.43	cps
Dysprosium	156-1	223	267	260	250	9.33	cps
Dysprosium	156-2	63	83	77	74	13.68	cps
Erbium	164-1	47	73	40	53	33.07	cps
Erbium	164-2	23	33	40	32	26.04	cps
Gadolinium	160-1	37	20	27	28	30.20	cps
Gadolinium	160-2	160	153	147	153	4.35	cps
Holmium	165-1	5928059	5825024	5844430	5865838	0.93	cps
Holmium	165-2	4057521	4117341	4001438	4058767	1.43	cps
Indium	115-1	5302445	5205316	5223226	5243662	0.99	cps
Indium	115-2	1840020	1856616	1868279	1854972	0.77	cps
Iron	56-2	35345	35552	35909	35602	0.80	cps
Iron	57-2	3484	3484	3637	3535	2.50	cps
Iron	54-2	2870	2827	2940	2879	1.99	cps
Krypton	83-1	237	230	217	228	4.47	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:58:02	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1170	1160	1137	1156	1.48	cps
Lead	207-1	963	1033	920	972	5.88	cps
Lead	208-1	4704	4480	4227	4470	5.34	cps
Lithium	6-1	441972	444128	441886	442662	0.29	cps
Magnesium	24-2	4467	4567	4597	4544	1.50	cps
Manganese	55-2	1687	1597	1640	1641	2.74	cps
Molybdenum	94-1	1773	1423	1550	1582	11.20	cps
Molybdenum	95-1	1970	1663	1673	1769	9.85	cps
Molybdenum	96-1	2007	1703	1817	1842	8.32	cps
Molybdenum	97-1	1167	1007	937	1037	11.37	cps
Molybdenum	98-1	2927	2450	2647	2675	8.96	cps
Neodymium	150-1	0	20	3	8	137.80	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	187	187	203	192	5.01	cps
Phosphorus	31-2	197	123	180	167	23.07	cps
Potassium	39-2	98777	97318	97999	98032	0.74	cps
Rhodium	103-1	5119736	5172950	5185477	5159388	0.68	cps
Rhodium	103-2	3102184	3097464	3135783	3111810	0.67	cps
Scandium	45-1	3279052	3312783	3268163	3286666	0.71	cps
Scandium	45-2	313287	313538	314314	313713	0.17	cps
Selenium	82-1	342	381	391	371	6.90	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	327	420	407	384	13.13	cps
Silicon	28-1	291765	290849	288760	290458	0.53	cps
Silver	107-1	590	490	467	516	12.71	cps
Silver	109-1	567	503	433	501	13.31	cps
Sodium	23-2	66406	66299	65442	66049	0.80	cps
Strontium	86-1	2057	1833	1847	1912	6.55	cps
Strontium	88-1	14521	13036	12445	13334	8.02	cps
Sulfur	34-1	180661	181231	179547	180480	0.47	cps
Terbium	159-1	6204259	6118692	6039941	6120964	1.34	cps
Terbium	159-2	3991202	4037581	4072600	4033794	1.01	cps
Thallium	203-1	807	613	597	672	17.37	cps
Thallium	205-1	1750	1503	1433	1562	10.65	cps
Tin	118-1	2084	2144	2190	2139	2.50	cps
Titanium	47-1	530	427	567	508	14.30	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 18:58:02	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	497	383	393	424	14.78	cps
Vanadium	51-2	90	80	100	90	11.11	cps
Yttrium	89-1	9380529	9407477	9218683	9335563	1.09	cps
Yttrium	89-2	2478572	2497320	2435926	2470606	1.27	cps
Zinc	66-2	1210	1233	1153	1199	3.43	cps
Zirconium	90-1	1873	1490	1373	1579	16.57	cps
Zirconium	91-1	393	377	333	368	8.42	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	PB164339BL	Instrumnet Name :	P7
Client Sample ID :	PBW339	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:01:21	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683	687	680	683	0.49	cps
Antimony	121-1	647	707	703	686	4.92	cps
Arsenic	75-2	23	10	13	16	44.60	cps
Barium	135-1	193	173	213	193	10.34	cps
Barium	137-1	347	330	293	323	8.44	cps
Beryllium	9-1	57	40	43	47	18.90	cps
Bismuth	209-1	3323822	3335560	3380888	3346757	0.90	cps
Bismuth	209-2	2794314	2828663	2784812	2802596	0.82	cps
Bromine	81-1	6505	6271	6305	6360	1.99	cps
Bromine	81-2	87	73	70	77	11.51	cps
Cadmium	108-1	17	7	13	12	41.65	cps
Cadmium	106-1	1390	1400	1407	1399	0.60	cps
Cadmium	111-1	1021	992	1055	1023	3.10	cps
Calcium	43-1	473	483	463	473	2.11	cps
Calcium	44-1	18388	18712	19143	18748	2.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	810	677	707	731	9.57	cps
Cobalt	59-2	227	220	210	219	3.83	cps
Copper	63-2	1680	1737	1850	1756	4.93	cps
Dysprosium	156-1	280	307	327	304	7.69	cps
Dysprosium	156-2	77	67	100	81	21.09	cps
Erbium	164-1	43	47	33	41	16.89	cps
Erbium	164-2	17	20	10	16	32.73	cps
Gadolinium	160-1	40	33	7	27	66.13	cps
Gadolinium	160-2	157	150	170	159	6.41	cps
Holmium	165-1	5613710	5728641	5642476	5661609	1.06	cps
Holmium	165-2	3961920	4035542	3916627	3971363	1.51	cps
Indium	115-1	5004738	5042257	5085602	5044199	0.80	cps
Indium	115-2	1777961	1787306	1810511	1791926	0.94	cps
Iron	56-2	25869	25291	24630	25264	2.45	cps
Iron	57-2	3340	3340	3304	3328	0.64	cps
Iron	54-2	2564	2520	2434	2506	2.64	cps
Krypton	83-1	210	237	263	237	11.27	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	PB164339BL	Instrumnet Name :	P7
Client Sample ID :	PBW339	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:01:21	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	750	623	613	662	11.50	cps
Lead	207-1	597	537	557	563	5.42	cps
Lead	208-1	2817	2543	2560	2640	5.80	cps
Lithium	6-1	427857	431346	428357	429187	0.44	cps
Magnesium	24-2	2787	2667	2787	2747	2.52	cps
Manganese	55-2	947	740	920	869	12.94	cps
Molybdenum	94-1	1030	927	853	937	9.48	cps
Molybdenum	95-1	837	830	753	807	5.74	cps
Molybdenum	96-1	1103	883	993	993	11.07	cps
Molybdenum	97-1	467	513	570	517	10.02	cps
Molybdenum	98-1	1187	1310	1147	1215	7.01	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	123	177	143	148	18.23	cps
Phosphorus	31-2	167	167	127	153	15.06	cps
Potassium	39-2	93029	93079	91925	92678	0.70	cps
Rhodium	103-1	4825594	4864456	4984991	4891680	1.70	cps
Rhodium	103-2	3051146	3019494	3081130	3050590	1.01	cps
Scandium	45-1	3137608	3143200	3197294	3159368	1.04	cps
Scandium	45-2	303373	304784	304090	304082	0.23	cps
Selenium	82-1	341	304	327	324	5.70	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	360	360	397	372	5.69	cps
Silicon	28-1	281115	282524	283376	282338	0.40	cps
Silver	107-1	310	293	263	289	8.19	cps
Silver	109-1	260	227	267	251	8.53	cps
Sodium	23-2	53322	52710	51820	52617	1.44	cps
Strontium	86-1	1197	1217	1180	1198	1.53	cps
Strontium	88-1	7489	7262	7042	7264	3.08	cps
Sulfur	34-1	178037	178711	177764	178171	0.27	cps
Terbium	159-1	5877257	5904991	5900391	5894213	0.25	cps
Terbium	159-2	3916281	3977644	3951676	3948534	0.78	cps
Thallium	203-1	403	433	343	393	11.65	cps
Thallium	205-1	950	980	967	966	1.56	cps
Tin	118-1	1413	1433	1763	1537	12.79	cps
Titanium	47-1	290	293	320	301	5.46	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	PB164339BL	Instrumnet Name :	P7
Client Sample ID :	PBW339	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:01:21	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	220	253	263	246	9.24	cps
Vanadium	51-2	50	40	47	46	11.18	cps
Yttrium	89-1	8964388	8883270	9116127	8987928	1.32	cps
Yttrium	89-2	2414701	2368045	2428509	2403752	1.32	cps
Zinc	66-2	640	553	657	617	9.00	cps
Zirconium	90-1	1497	1283	1180	1320	12.23	cps
Zirconium	91-1	293	263	260	272	6.74	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	PB164339BS	Instrumnet Name :	P7
Client Sample ID :	LCS339	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:04:37	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6098	6195	6205	6166	0.96	cps
Antimony	121-1	22561	23282	23072	22972	1.61	cps
Arsenic	75-2	803	837	773	804	3.94	cps
Barium	135-1	25573	25613	25954	25713	0.81	cps
Barium	137-1	43991	45135	44536	44554	1.28	cps
Beryllium	9-1	1353	1463	1183	1333	10.58	cps
Bismuth	209-1	3405010	3348505	3439100	3397538	1.35	cps
Bismuth	209-2	2744312	2778298	2751346	2757985	0.65	cps
Bromine	81-1	6525	6425	6265	6405	2.05	cps
Bromine	81-2	47	70	60	59	19.88	cps
Cadmium	108-1	253	200	240	231	12.01	cps
Cadmium	106-1	1697	1710	1800	1736	3.24	cps
Cadmium	111-1	4237	4221	4483	4314	3.40	cps
Calcium	43-1	16065	16259	16272	16199	0.71	cps
Calcium	44-1	275421	281975	282082	279826	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13556	12912	13276	13248	2.44	cps
Cobalt	59-2	8539	8619	8783	8647	1.44	cps
Copper	63-2	14374	14414	14327	14371	0.30	cps
Dysprosium	156-1	320	230	290	280	16.37	cps
Dysprosium	156-2	113	87	107	102	13.58	cps
Erbium	164-1	50	70	60	60	16.67	cps
Erbium	164-2	27	17	20	21	24.12	cps
Gadolinium	160-1	7	33	20	20	66.65	cps
Gadolinium	160-2	133	127	153	138	10.07	cps
Holmium	165-1	5705880	5774030	5643277	5707729	1.15	cps
Holmium	165-2	3932258	3968040	3929723	3943340	0.54	cps
Indium	115-1	5124024	5105035	5048619	5092559	0.77	cps
Indium	115-2	1804460	1782622	1787041	1791374	0.64	cps
Iron	56-2	1010219	1004836	1010112	1008389	0.31	cps
Iron	57-2	27903	28457	27829	28063	1.22	cps
Iron	54-2	56740	57794	57513	57349	0.95	cps
Krypton	83-1	230	233	207	223	6.51	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	PB164339BS	Instrumnet Name :	P7
Client Sample ID :	LCS339	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:04:37	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6778	7242	7312	7111	4.08	cps
Lead	207-1	6348	6208	6165	6240	1.54	cps
Lead	208-1	28225	28388	28068	28227	0.57	cps
Lithium	6-1	430210	431388	435859	432486	0.69	cps
Magnesium	24-2	254166	254755	252816	253913	0.39	cps
Manganese	55-2	4831	4994	5074	4966	2.50	cps
Molybdenum	94-1	24544	25723	25078	25115	2.35	cps
Molybdenum	95-1	29373	30295	30058	29908	1.60	cps
Molybdenum	96-1	32342	33318	33445	33035	1.83	cps
Molybdenum	97-1	18585	18772	18428	18595	0.93	cps
Molybdenum	98-1	47822	48036	48032	47963	0.26	cps
Neodymium	150-1	10	7	3	7	50.03	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2437	2467	2400	2435	1.37	cps
Phosphorus	31-2	157	153	173	161	6.65	cps
Potassium	39-2	423267	422166	425053	423496	0.34	cps
Rhodium	103-1	4944321	4958533	4940900	4947918	0.19	cps
Rhodium	103-2	2999002	3041110	3048830	3029647	0.89	cps
Scandium	45-1	3216745	3152211	3181907	3183621	1.01	cps
Scandium	45-2	303761	303573	303358	303564	0.07	cps
Selenium	82-1	1117	1275	1214	1202	6.65	cps
Selenium	77-2	137	117	73	109	29.74	cps
Selenium	78-2	643	650	700	664	4.66	cps
Silicon	28-1	332443	331402	333443	332430	0.31	cps
Silver	107-1	12866	13270	13683	13273	3.08	cps
Silver	109-1	12556	12812	13109	12826	2.16	cps
Sodium	23-2	458393	456449	454911	456584	0.38	cps
Strontium	86-1	4984	4641	4951	4859	3.90	cps
Strontium	88-1	38801	39861	40599	39754	2.27	cps
Sulfur	34-1	178805	177392	175603	177267	0.91	cps
Terbium	159-1	5882308	5832418	5847364	5854030	0.44	cps
Terbium	159-2	3865339	3947939	3923003	3912094	1.08	cps
Thallium	203-1	8393	8236	8299	8309	0.95	cps
Thallium	205-1	19137	19644	19688	19490	1.57	cps
Tin	118-1	1507	1547	1547	1533	1.51	cps
Titanium	47-1	8009	8326	8486	8273	2.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	PB164339BS	Instrumnet Name :	P7
Client Sample ID :	LCS339	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:04:37	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22709	23765	22713	23062	2.64	cps
Vanadium	51-2	24967	25625	24710	25101	1.88	cps
Yttrium	89-1	9106297	9061238	8991303	9052946	0.64	cps
Yttrium	89-2	2382814	2384233	2419771	2395606	0.87	cps
Zinc	66-2	5628	5621	5594	5614	0.31	cps
Zirconium	90-1	22023	22187	21923	22044	0.60	cps
Zirconium	91-1	4527	4808	4954	4763	4.55	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-01	Instrumnet Name :	P7
Client Sample ID :	MYD0L6	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:07:56	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14817	14917	14724	14819	0.65	cps
Antimony	121-1	383	447	437	422	8.06	cps
Arsenic	75-2	10	23	7	13	66.12	cps
Barium	135-1	247	377	320	314	20.73	cps
Barium	137-1	557	560	450	522	11.98	cps
Beryllium	9-1	43	37	37	39	9.89	cps
Bismuth	209-1	2965366	3002193	3136410	3034656	2.97	cps
Bismuth	209-2	2593230	2548889	2622624	2588248	1.43	cps
Bromine	81-1	6248	6285	6005	6179	2.46	cps
Bromine	81-2	127	143	110	127	13.16	cps
Cadmium	108-1	20	3	13	12	68.66	cps
Cadmium	106-1	1273	1270	1257	1267	0.70	cps
Cadmium	111-1	944	957	924	941	1.77	cps
Calcium	43-1	1257	1360	1270	1296	4.34	cps
Calcium	44-1	31499	32629	32037	32055	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1200	1253	1340	1265	5.59	cps
Cobalt	59-2	213	203	213	210	2.75	cps
Copper	63-2	4367	4631	4454	4484	2.99	cps
Dysprosium	156-1	277	267	293	279	4.83	cps
Dysprosium	156-2	87	27	87	67	51.96	cps
Erbium	164-1	23	53	23	33	51.97	cps
Erbium	164-2	30	13	40	28	48.51	cps
Gadolinium	160-1	30	23	30	28	13.86	cps
Gadolinium	160-2	157	157	180	164	8.19	cps
Holmium	165-1	5052381	5173736	5257880	5161333	2.00	cps
Holmium	165-2	3715722	3685469	3691264	3697485	0.43	cps
Indium	115-1	4504718	4593671	4716295	4604895	2.31	cps
Indium	115-2	1677000	1642044	1689844	1669629	1.48	cps
Iron	56-2	43924	47558	46722	46068	4.13	cps
Iron	57-2	3721	3677	3700	3699	0.59	cps
Iron	54-2	4111	3994	4074	4060	1.47	cps
Krypton	83-1	260	260	240	253	4.56	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-01	Instrumnet Name :	P7
Client Sample ID :	MYD0L6	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:07:56	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	790	747	783	773	3.02	cps
Lead	207-1	660	710	660	677	4.27	cps
Lead	208-1	3070	3250	3087	3136	3.17	cps
Lithium	6-1	399534	421182	419830	413515	2.93	cps
Magnesium	24-2	10067	10354	10163	10195	1.43	cps
Manganese	55-2	2130	2010	2070	2070	2.90	cps
Molybdenum	94-1	3310	1920	1403	2211	44.60	cps
Molybdenum	95-1	613	657	667	646	4.39	cps
Molybdenum	96-1	1103	940	843	962	13.66	cps
Molybdenum	97-1	413	413	357	394	8.29	cps
Molybdenum	98-1	1030	1037	933	1000	5.78	cps
Neodymium	150-1	0	27	13	13	100.01	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	210	250	283	248	14.82	cps
Phosphorus	31-2	217	220	223	220	1.52	cps
Potassium	39-2	85814	86031	86933	86259	0.69	cps
Rhodium	103-1	4384390	4526013	4498485	4469630	1.68	cps
Rhodium	103-2	2803498	2823201	2826254	2817651	0.44	cps
Scandium	45-1	2827296	2954852	2906265	2896138	2.22	cps
Scandium	45-2	279812	279737	280803	280117	0.21	cps
Selenium	82-1	287	260	296	281	6.69	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	420	373	353	382	8.95	cps
Silicon	28-1	301125	307170	310588	306294	1.56	cps
Silver	107-1	353	1132	223	570	86.29	cps
Silver	109-1	323	220	243	262	20.67	cps
Sodium	23-2	57815	57691	56747	57418	1.02	cps
Strontium	86-1	1177	1180	1097	1151	4.10	cps
Strontium	88-1	6491	6892	6005	6463	6.87	cps
Sulfur	34-1	171992	167725	167543	169087	1.49	cps
Terbium	159-1	5183766	5278440	5468125	5310110	2.73	cps
Terbium	159-2	3694938	3736736	3707875	3713183	0.58	cps
Thallium	203-1	357	277	307	313	12.90	cps
Thallium	205-1	817	697	583	699	16.70	cps
Tin	118-1	2777	2880	2960	2873	3.20	cps
Titanium	47-1	347	287	300	311	10.13	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-01	Instrumnet Name :	P7
Client Sample ID :	MYD0L6	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:07:56	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	223	260	280	254	11.29	cps
Vanadium	51-2	50	103	80	78	34.37	cps
Yttrium	89-1	8064713	8149337	8391177	8201743	2.07	cps
Yttrium	89-2	2221327	2186604	2234727	2214219	1.12	cps
Zinc	66-2	7118	7088	7112	7106	0.22	cps
Zirconium	90-1	8016	4201	3217	5144	49.27	cps
Zirconium	91-1	1793	943	783	1173	46.27	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-02	Instrumnet Name :	P7
Client Sample ID :	MYD0Y6	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:11:12	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	887	793	950	877	8.99	cps
Antimony	121-1	257	240	313	270	14.24	cps
Arsenic	75-2	10	13	17	13	25.01	cps
Barium	135-1	473	547	537	519	7.66	cps
Barium	137-1	923	907	833	888	5.39	cps
Beryllium	9-1	23	43	23	30	38.49	cps
Bismuth	209-1	2969771	3096472	3098116	3054786	2.41	cps
Bismuth	209-2	2613030	2427512	2496261	2512267	3.73	cps
Bromine	81-1	6038	6101	6161	6100	1.01	cps
Bromine	81-2	123	103	113	113	8.83	cps
Cadmium	108-1	20	7	13	13	49.99	cps
Cadmium	106-1	1147	1253	1227	1209	4.59	cps
Cadmium	111-1	809	906	886	867	5.93	cps
Calcium	43-1	1333	1400	1243	1326	5.93	cps
Calcium	44-1	31613	32258	32799	32223	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1080	1053	1080	1071	1.44	cps
Cobalt	59-2	163	223	183	190	16.08	cps
Copper	63-2	2847	2914	3097	2953	4.39	cps
Dysprosium	156-1	227	287	293	269	13.66	cps
Dysprosium	156-2	77	73	67	72	7.05	cps
Erbium	164-1	43	20	27	30	40.05	cps
Erbium	164-2	23	20	20	21	9.11	cps
Gadolinium	160-1	27	27	27	27	0.00	cps
Gadolinium	160-2	107	113	140	120	14.70	cps
Holmium	165-1	5020279	5252009	5163023	5145104	2.27	cps
Holmium	165-2	3779754	3542077	3537082	3619638	3.83	cps
Indium	115-1	4458787	4637227	4726271	4607428	2.96	cps
Indium	115-2	1711659	1572609	1598372	1627546	4.55	cps
Iron	56-2	26450	25876	25986	26104	1.17	cps
Iron	57-2	3104	3054	3257	3138	3.38	cps
Iron	54-2	2874	2914	2847	2878	1.17	cps
Krypton	83-1	263	207	250	240	12.35	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-02	Instrumnet Name :	P7
Client Sample ID :	MYD0Y6	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:11:12	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	537	623	633	598	8.89	cps
Lead	207-1	493	543	523	520	4.84	cps
Lead	208-1	2197	2293	2390	2293	4.22	cps
Lithium	6-1	407770	421970	437375	422372	3.51	cps
Magnesium	24-2	3727	3607	3847	3727	3.22	cps
Manganese	55-2	1337	1320	1280	1312	2.22	cps
Molybdenum	94-1	970	1037	1030	1012	3.63	cps
Molybdenum	95-1	533	620	650	601	10.08	cps
Molybdenum	96-1	647	673	687	669	3.04	cps
Molybdenum	97-1	353	317	353	341	6.21	cps
Molybdenum	98-1	877	750	863	830	8.39	cps
Neodymium	150-1	3	7	10	7	50.03	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	173	223	237	211	15.81	cps
Phosphorus	31-2	220	177	227	208	13.07	cps
Potassium	39-2	84580	85592	84737	84970	0.64	cps
Rhodium	103-1	4371337	4534137	4502065	4469179	1.93	cps
Rhodium	103-2	2879433	2594379	2669419	2714410	5.44	cps
Scandium	45-1	2766574	2923250	2955427	2881750	3.51	cps
Scandium	45-2	282045	260076	265225	269115	4.27	cps
Selenium	82-1	248	309	333	297	14.79	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	410	423	337	390	11.97	cps
Silicon	28-1	302228	306888	312584	307233	1.69	cps
Silver	107-1	170	153	190	171	10.73	cps
Silver	109-1	133	163	170	156	12.55	cps
Sodium	23-2	56537	57892	56921	57117	1.22	cps
Strontium	86-1	1117	1167	993	1092	8.17	cps
Strontium	88-1	6171	6415	6231	6273	2.02	cps
Sulfur	34-1	172481	170375	170074	170977	0.77	cps
Terbium	159-1	5183034	5421502	5582515	5395684	3.72	cps
Terbium	159-2	3748866	3443251	3528949	3573689	4.41	cps
Thallium	203-1	267	190	217	224	17.34	cps
Thallium	205-1	533	540	603	559	6.91	cps
Tin	118-1	2867	3445	3004	3105	9.72	cps
Titanium	47-1	293	317	287	299	5.27	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-02	Instrumnet Name :	P7
Client Sample ID :	MYD0Y6	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:11:12	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	180	243	220	214	14.94	cps
Vanadium	51-2	70	33	63	56	35.16	cps
Yttrium	89-1	8029632	8398204	8411587	8279808	2.62	cps
Yttrium	89-2	2236504	2079092	2106473	2140690	3.93	cps
Zinc	66-2	2370	2430	2444	2415	1.62	cps
Zirconium	90-1	1870	1933	1930	1911	1.87	cps
Zirconium	91-1	360	373	447	393	11.86	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-03	Instrumnet Name :	P7
Client Sample ID :	MYD0Y8	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:14:30	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	807	733	760	767	4.84	cps
Antimony	121-1	217	250	217	228	8.45	cps
Arsenic	75-2	13	0	10	8	89.21	cps
Barium	135-1	233	213	230	226	4.75	cps
Barium	137-1	387	277	390	351	18.37	cps
Beryllium	9-1	30	27	27	28	6.92	cps
Bismuth	209-1	3052405	3173872	3232561	3152946	2.91	cps
Bismuth	209-2	2691491	2626311	2640731	2652844	1.29	cps
Bromine	81-1	6431	6235	6148	6271	2.32	cps
Bromine	81-2	123	107	100	110	10.93	cps
Cadmium	108-1	7	10	0	6	91.64	cps
Cadmium	106-1	1447	1320	1277	1348	6.55	cps
Cadmium	111-1	1028	950	930	970	5.32	cps
Calcium	43-1	710	557	693	653	12.88	cps
Calcium	44-1	21562	21806	22868	22079	3.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1090	1270	1037	1132	10.80	cps
Cobalt	59-2	167	207	187	187	10.71	cps
Copper	63-2	3257	3314	3157	3243	2.45	cps
Dysprosium	156-1	250	237	267	251	5.99	cps
Dysprosium	156-2	87	70	73	77	11.51	cps
Erbium	164-1	40	37	30	36	14.32	cps
Erbium	164-2	17	33	7	19	71.30	cps
Gadolinium	160-1	23	17	20	20	16.65	cps
Gadolinium	160-2	133	177	137	149	16.19	cps
Holmium	165-1	5057948	5317014	5296921	5223961	2.76	cps
Holmium	165-2	3849372	3752437	3742906	3781572	1.56	cps
Indium	115-1	4558271	4812076	4766316	4712221	2.87	cps
Indium	115-2	1724094	1717979	1713567	1718547	0.31	cps
Iron	56-2	33434	34206	34256	33965	1.36	cps
Iron	57-2	3357	3397	3187	3314	3.37	cps
Iron	54-2	3260	3390	3457	3369	2.97	cps
Krypton	83-1	217	283	233	244	14.19	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-03	Instrumnet Name :	P7
Client Sample ID :	MYD0Y8	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:14:30	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	613	647	683	648	5.40	cps
Lead	207-1	487	547	583	539	9.06	cps
Lead	208-1	2323	2447	2657	2476	6.81	cps
Lithium	6-1	419826	435844	445030	433567	2.94	cps
Magnesium	24-2	3124	3394	3370	3296	4.54	cps
Manganese	55-2	1113	983	1023	1040	6.40	cps
Molybdenum	94-1	827	777	880	828	6.24	cps
Molybdenum	95-1	513	467	537	506	7.05	cps
Molybdenum	96-1	610	657	617	628	4.02	cps
Molybdenum	97-1	297	377	320	331	12.43	cps
Molybdenum	98-1	730	673	817	740	9.76	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	367	317	373	352	8.79	cps
Phosphorus	31-2	260	213	180	218	18.45	cps
Potassium	39-2	85877	86145	84858	85627	0.79	cps
Rhodium	103-1	4471659	4696481	4673444	4613861	2.68	cps
Rhodium	103-2	2903206	2866713	2908593	2892837	0.79	cps
Scandium	45-1	2873178	2944369	2982487	2933345	1.89	cps
Scandium	45-2	285523	289204	289075	287934	0.73	cps
Selenium	82-1	320	270	332	307	10.78	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	307	290	340	312	8.15	cps
Silicon	28-1	302937	305976	310635	306516	1.26	cps
Silver	107-1	193	187	167	182	7.62	cps
Silver	109-1	123	127	103	118	10.72	cps
Sodium	23-2	50961	51713	50506	51060	1.19	cps
Strontium	86-1	983	913	887	928	5.38	cps
Strontium	88-1	4711	4891	4818	4806	1.88	cps
Sulfur	34-1	176995	174639	174952	175528	0.73	cps
Terbium	159-1	5370635	5563982	5600672	5511763	2.24	cps
Terbium	159-2	3768638	3816068	3849548	3811418	1.07	cps
Thallium	203-1	270	247	230	249	8.07	cps
Thallium	205-1	607	517	493	539	11.11	cps
Tin	118-1	2230	2310	2217	2252	2.24	cps
Titanium	47-1	257	280	333	290	13.55	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-03	Instrumnet Name :	P7
Client Sample ID :	MYD0Y8	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:14:30	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	193	203	193	197	2.94	cps
Vanadium	51-2	30	40	43	38	18.36	cps
Yttrium	89-1	8160585	8544123	8438046	8380918	2.36	cps
Yttrium	89-2	2235982	2249497	2309455	2264978	1.73	cps
Zinc	66-2	1293	1330	1330	1318	1.61	cps
Zirconium	90-1	1260	1277	1270	1269	0.66	cps
Zirconium	91-1	280	303	253	279	8.97	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-04	Instrumnet Name :	P7
Client Sample ID :	MYD035	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:17:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	813	713	827	784	7.90	cps
Antimony	121-1	160	200	177	179	11.23	cps
Arsenic	75-2	7	13	10	10	33.30	cps
Barium	135-1	180	257	293	243	23.77	cps
Barium	137-1	387	370	480	412	14.38	cps
Beryllium	9-1	30	37	37	34	11.18	cps
Bismuth	209-1	3098990	3200906	3035430	3111776	2.68	cps
Bismuth	209-2	2578669	2656534	2686788	2640664	2.11	cps
Bromine	81-1	6455	6548	6602	6535	1.14	cps
Bromine	81-2	163	117	83	121	33.18	cps
Cadmium	108-1	20	10	3	11	75.52	cps
Cadmium	106-1	1307	1430	1230	1322	7.63	cps
Cadmium	111-1	911	1034	872	939	9.01	cps
Calcium	43-1	640	573	723	646	11.64	cps
Calcium	44-1	21739	22060	22193	21997	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1030	1123	1030	1061	5.08	cps
Cobalt	59-2	190	150	183	174	12.29	cps
Copper	63-2	2520	2297	2370	2396	4.75	cps
Dysprosium	156-1	250	257	250	252	1.52	cps
Dysprosium	156-2	47	40	97	61	50.68	cps
Erbium	164-1	30	33	20	28	24.98	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	30	10	37	26	54.31	cps
Gadolinium	160-2	120	130	153	134	12.73	cps
Holmium	165-1	5136544	5430305	5175395	5247415	3.04	cps
Holmium	165-2	3784253	3867597	3799999	3817283	1.16	cps
Indium	115-1	4764666	4829957	4627929	4740851	2.17	cps
Indium	115-2	1719397	1697210	1722364	1712990	0.80	cps
Iron	56-2	25358	24587	25331	25092	1.74	cps
Iron	57-2	2900	3114	3097	3037	3.91	cps
Iron	54-2	2720	2910	2720	2784	3.94	cps
Krypton	83-1	253	210	210	224	11.15	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-04	Instrumnet Name :	P7
Client Sample ID :	MYD035	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:17:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	550	543	523	539	2.58	cps
Lead	207-1	433	417	460	437	5.01	cps
Lead	208-1	1883	2037	2007	1976	4.11	cps
Lithium	6-1	428330	451938	435493	438587	2.76	cps
Magnesium	24-2	2367	2380	2440	2396	1.63	cps
Manganese	55-2	1453	1357	1383	1398	3.57	cps
Molybdenum	94-1	663	663	723	683	5.07	cps
Molybdenum	95-1	483	507	540	510	5.58	cps
Molybdenum	96-1	550	590	630	590	6.78	cps
Molybdenum	97-1	297	253	310	287	10.34	cps
Molybdenum	98-1	603	717	690	670	8.84	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	230	250	257	246	5.65	cps
Phosphorus	31-2	233	223	207	221	6.09	cps
Potassium	39-2	84912	85662	85130	85235	0.45	cps
Rhodium	103-1	4562595	4776802	4501749	4613715	3.13	cps
Rhodium	103-2	2936875	2940191	2935840	2937635	0.08	cps
Scandium	45-1	2854750	3030514	2913426	2932897	3.05	cps
Scandium	45-2	290115	287506	286341	287987	0.67	cps
Selenium	82-1	265	331	344	313	13.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	350	393	377	373	5.85	cps
Silicon	28-1	301765	305830	307007	304868	0.90	cps
Silver	107-1	110	160	153	141	19.24	cps
Silver	109-1	87	140	90	106	28.30	cps
Sodium	23-2	52158	51837	52803	52266	0.94	cps
Strontium	86-1	847	737	897	827	9.90	cps
Strontium	88-1	4364	4154	4617	4378	5.30	cps
Sulfur	34-1	183025	176954	177720	179233	1.84	cps
Terbium	159-1	5404077	5561653	5327373	5431034	2.20	cps
Terbium	159-2	3842938	3766497	3810210	3806548	1.01	cps
Thallium	203-1	233	227	220	227	2.94	cps
Thallium	205-1	453	540	483	492	8.94	cps
Tin	118-1	2467	2684	3844	2998	24.70	cps
Titanium	47-1	297	233	277	269	12.04	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-04	Instrumnet Name :	P7
Client Sample ID :	MYD035	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:17:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	147	197	150	164	17.00	cps
Vanadium	51-2	23	50	47	40	36.33	cps
Yttrium	89-1	8324551	8609868	8196319	8376913	2.53	cps
Yttrium	89-2	2305608	2312569	2272711	2296963	0.93	cps
Zinc	66-2	1010	933	1067	1003	6.67	cps
Zirconium	90-1	1137	1010	1037	1061	6.29	cps
Zirconium	91-1	193	170	233	199	16.11	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-05	Instrumnet Name :	P7
Client Sample ID :	MYD036	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:21:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	910	870	833	871	4.40	cps
Antimony	121-1	117	147	197	153	26.36	cps
Arsenic	75-2	10	23	0	11	105.35	cps
Barium	135-1	283	267	277	276	3.04	cps
Barium	137-1	390	427	430	416	5.34	cps
Beryllium	9-1	30	30	27	29	6.65	cps
Bismuth	209-1	3029769	3078553	3142633	3083652	1.84	cps
Bismuth	209-2	2580605	2604527	2663749	2616293	1.64	cps
Bromine	81-1	6428	6481	6455	6455	0.41	cps
Bromine	81-2	160	110	150	140	18.90	cps
Cadmium	108-1	13	10	7	10	33.30	cps
Cadmium	106-1	1240	1357	1237	1278	5.35	cps
Cadmium	111-1	882	959	891	911	4.64	cps
Calcium	43-1	1557	1710	1830	1699	8.06	cps
Calcium	44-1	37867	38338	39532	38579	2.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1173	990	1193	1119	10.02	cps
Cobalt	59-2	180	193	180	184	4.18	cps
Copper	63-2	2774	2434	2427	2545	7.79	cps
Dysprosium	156-1	280	270	230	260	10.18	cps
Dysprosium	156-2	63	47	43	51	20.96	cps
Erbium	164-1	70	50	53	58	18.55	cps
Erbium	164-2	40	33	27	33	20.00	cps
Gadolinium	160-1	20	40	20	27	43.30	cps
Gadolinium	160-2	153	157	173	161	6.65	cps
Holmium	165-1	5046090	5347572	5309427	5234363	3.14	cps
Holmium	165-2	3687585	3714521	3796968	3733025	1.53	cps
Indium	115-1	4475727	4706859	4687978	4623522	2.78	cps
Indium	115-2	1701123	1682808	1707649	1697193	0.76	cps
Iron	56-2	25655	24837	25038	25177	1.69	cps
Iron	57-2	3207	3217	3177	3200	0.65	cps
Iron	54-2	3050	2970	2764	2928	5.05	cps
Krypton	83-1	260	243	210	238	10.71	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-05	Instrumnet Name :	P7
Client Sample ID :	MYD036	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:21:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	490	537	453	493	8.47	cps
Lead	207-1	400	413	503	439	12.81	cps
Lead	208-1	1960	2023	2120	2035	3.96	cps
Lithium	6-1	423998	434586	435931	431505	1.51	cps
Magnesium	24-2	2327	2224	2190	2247	3.17	cps
Manganese	55-2	1007	920	977	968	4.55	cps
Molybdenum	94-1	657	880	680	739	16.62	cps
Molybdenum	95-1	457	463	487	469	3.36	cps
Molybdenum	96-1	667	517	510	564	15.70	cps
Molybdenum	97-1	297	257	300	284	8.48	cps
Molybdenum	98-1	780	767	730	759	3.41	cps
Neodymium	150-1	10	23	13	16	44.60	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	247	277	193	239	17.67	cps
Phosphorus	31-2	210	180	187	192	8.19	cps
Potassium	39-2	83363	83252	83072	83229	0.18	cps
Rhodium	103-1	4439341	4569841	4538856	4516013	1.51	cps
Rhodium	103-2	2795234	2862554	2835939	2831242	1.20	cps
Scandium	45-1	2815707	2987420	2926151	2909759	2.99	cps
Scandium	45-2	283775	282056	284684	283505	0.47	cps
Selenium	82-1	313	265	305	294	8.65	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	327	353	397	359	9.84	cps
Silicon	28-1	303427	308533	312011	307991	1.40	cps
Silver	107-1	93	130	127	117	17.38	cps
Silver	109-1	87	67	133	96	35.80	cps
Sodium	23-2	50817	51044	51101	50987	0.30	cps
Strontium	86-1	837	977	983	932	8.88	cps
Strontium	88-1	5074	4958	4851	4961	2.25	cps
Sulfur	34-1	177268	176206	174089	175854	0.92	cps
Terbium	159-1	5238858	5400303	5544717	5394626	2.84	cps
Terbium	159-2	3726709	3729525	3752227	3736154	0.37	cps
Thallium	203-1	203	173	207	194	9.44	cps
Thallium	205-1	513	463	503	493	5.36	cps
Tin	118-1	2484	2587	2667	2579	3.56	cps
Titanium	47-1	263	293	273	277	5.52	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-05	Instrumnet Name :	P7
Client Sample ID :	MYD036	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:21:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	163	143	183	163	12.24	cps
Vanadium	51-2	57	77	43	59	28.49	cps
Yttrium	89-1	8001576	8387542	8416706	8268608	2.80	cps
Yttrium	89-2	2244867	2237205	2267543	2249872	0.70	cps
Zinc	66-2	9053	9280	9166	9166	1.24	cps
Zirconium	90-1	1113	1147	1133	1131	1.48	cps
Zirconium	91-1	303	230	330	288	18.00	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-06	Instrumnet Name :	P7
Client Sample ID :	MYD038	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:24:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	587	673	663	641	7.40	cps
Antimony	121-1	123	87	110	107	17.40	cps
Arsenic	75-2	13	3	7	8	65.47	cps
Barium	135-1	250	223	247	240	6.05	cps
Barium	137-1	407	453	380	413	8.98	cps
Beryllium	9-1	23	23	23	23	0.00	cps
Bismuth	209-1	3087606	3150042	3158408	3132019	1.24	cps
Bismuth	209-2	2585978	2636506	2640502	2620995	1.16	cps
Bromine	81-1	6185	6141	6255	6194	0.92	cps
Bromine	81-2	180	120	143	148	20.47	cps
Cadmium	108-1	3	17	13	11	62.48	cps
Cadmium	106-1	1363	1217	1367	1316	6.51	cps
Cadmium	111-1	965	850	954	923	6.89	cps
Calcium	43-1	650	583	573	602	6.92	cps
Calcium	44-1	20901	21035	21222	21053	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1117	1007	1083	1069	5.28	cps
Cobalt	59-2	103	193	123	140	33.76	cps
Copper	63-2	2327	2424	2254	2335	3.65	cps
Dysprosium	156-1	217	227	187	210	9.91	cps
Dysprosium	156-2	67	50	63	60	14.70	cps
Erbium	164-1	47	50	33	43	20.36	cps
Erbium	164-2	20	27	33	27	24.99	cps
Gadolinium	160-1	23	40	13	26	52.73	cps
Gadolinium	160-2	173	117	140	143	19.87	cps
Holmium	165-1	5138775	5304585	5319759	5254373	1.91	cps
Holmium	165-2	3739646	3798989	3756097	3764911	0.81	cps
Indium	115-1	4498653	4691647	4810738	4667013	3.37	cps
Indium	115-2	1728524	1667490	1683830	1693281	1.87	cps
Iron	56-2	22260	21726	22113	22033	1.25	cps
Iron	57-2	2957	3277	3157	3130	5.17	cps
Iron	54-2	2604	2637	2630	2624	0.67	cps
Krypton	83-1	290	240	263	264	9.46	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-06	Instrumnet Name :	P7
Client Sample ID :	MYD038	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:24:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	533	490	443	489	9.21	cps
Lead	207-1	457	407	453	439	6.37	cps
Lead	208-1	1950	1757	2003	1903	6.82	cps
Lithium	6-1	413671	429926	430480	424692	2.25	cps
Magnesium	24-2	1070	987	920	992	7.58	cps
Manganese	55-2	2624	2540	2534	2566	1.95	cps
Molybdenum	94-1	337	280	363	327	13.03	cps
Molybdenum	95-1	210	177	133	173	22.18	cps
Molybdenum	96-1	183	167	233	194	17.84	cps
Molybdenum	97-1	90	113	63	89	28.15	cps
Molybdenum	98-1	227	163	163	184	19.82	cps
Neodymium	150-1	40	7	3	17	121.66	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	337	263	313	304	12.31	cps
Phosphorus	31-2	200	133	203	179	22.07	cps
Potassium	39-2	85153	83186	84298	84212	1.17	cps
Rhodium	103-1	4489520	4664110	4618388	4590673	1.97	cps
Rhodium	103-2	2876064	2869765	2858642	2868157	0.31	cps
Scandium	45-1	2872436	2962882	2999963	2945094	2.23	cps
Scandium	45-2	286326	286602	285904	286277	0.12	cps
Selenium	82-1	253	258	284	265	6.21	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	300	333	390	341	13.34	cps
Silicon	28-1	298054	299817	303817	300563	0.98	cps
Silver	107-1	70	57	67	64	10.76	cps
Silver	109-1	57	43	20	40	46.40	cps
Sodium	23-2	48108	47459	48560	48042	1.15	cps
Strontium	86-1	543	523	450	506	9.72	cps
Strontium	88-1	1170	1017	1013	1067	8.39	cps
Sulfur	34-1	173159	171814	172535	172503	0.39	cps
Terbium	159-1	5236980	5541036	5544078	5440698	3.24	cps
Terbium	159-2	3689568	3799563	3676386	3721839	1.82	cps
Thallium	203-1	147	137	120	134	10.02	cps
Thallium	205-1	320	313	330	321	2.61	cps
Tin	118-1	1987	2057	1987	2010	2.01	cps
Titanium	47-1	187	183	197	189	3.67	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-06	Instrumnet Name :	P7
Client Sample ID :	MYD038	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:24:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	23	27	27	12.51	cps
Vanadium	51-2	13	23	27	21	32.88	cps
Yttrium	89-1	8289779	8360513	8587959	8412750	1.85	cps
Yttrium	89-2	2257207	2250928	2247524	2251886	0.22	cps
Zinc	66-2	927	1030	950	969	5.59	cps
Zirconium	90-1	650	637	690	659	4.21	cps
Zirconium	91-1	163	160	150	158	4.40	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-07	Instrumnet Name :	P7
Client Sample ID :	MYDD00	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:27:41	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2917	2797	2797	2837	2.44	cps
Antimony	121-1	93	57	80	77	24.20	cps
Arsenic	75-2	10	7	13	10	33.30	cps
Barium	135-1	70	117	110	99	25.52	cps
Barium	137-1	180	220	217	206	10.80	cps
Beryllium	9-1	20	13	23	19	26.96	cps
Bismuth	209-1	2996512	3095098	3110728	3067446	2.02	cps
Bismuth	209-2	2553472	2600391	2617122	2590328	1.27	cps
Bromine	81-1	5775	5888	5791	5818	1.05	cps
Bromine	81-2	83	80	93	86	8.11	cps
Cadmium	108-1	3	13	7	8	65.47	cps
Cadmium	106-1	1310	1183	1280	1258	5.26	cps
Cadmium	111-1	931	826	898	885	6.10	cps
Calcium	43-1	810	647	710	722	11.40	cps
Calcium	44-1	22500	23181	23592	23091	2.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1113	1067	1320	1167	11.56	cps
Cobalt	59-2	93	137	127	119	19.09	cps
Copper	63-2	1840	2000	1907	1916	4.20	cps
Dysprosium	156-1	210	183	203	199	6.98	cps
Dysprosium	156-2	70	33	63	56	35.16	cps
Erbium	164-1	53	53	23	43	39.97	cps
Erbium	164-2	17	33	33	28	34.63	cps
Gadolinium	160-1	27	23	23	24	7.89	cps
Gadolinium	160-2	107	103	110	107	3.13	cps
Holmium	165-1	5029544	5213654	5255974	5166391	2.33	cps
Holmium	165-2	3635428	3678206	3760120	3691251	1.72	cps
Indium	115-1	4476691	4697443	4690015	4621383	2.71	cps
Indium	115-2	1665397	1656163	1698303	1673288	1.32	cps
Iron	56-2	19363	19066	19272	19234	0.79	cps
Iron	57-2	2934	3120	3117	3057	3.50	cps
Iron	54-2	2504	2530	2437	2490	1.93	cps
Krypton	83-1	290	230	177	232	24.42	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-07	Instrumnet Name :	P7
Client Sample ID :	MYDD00	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:27:41	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	347	343	370	353	4.11	cps
Lead	207-1	347	327	353	342	4.06	cps
Lead	208-1	1480	1473	1607	1520	4.94	cps
Lithium	6-1	403716	414589	414988	411098	1.56	cps
Magnesium	24-2	930	1070	1100	1033	8.78	cps
Manganese	55-2	933	933	987	951	3.24	cps
Molybdenum	94-1	327	430	430	396	15.08	cps
Molybdenum	95-1	157	167	153	159	4.37	cps
Molybdenum	96-1	223	247	263	244	8.22	cps
Molybdenum	97-1	100	123	100	108	12.50	cps
Molybdenum	98-1	207	203	143	184	19.32	cps
Neodymium	150-1	23	10	23	19	40.75	cps
Neodymium	150-2	7	0	13	7	99.98	cps
Nickel	60-2	197	183	190	190	3.51	cps
Phosphorus	31-2	223	223	207	218	4.42	cps
Potassium	39-2	80662	82170	82076	81636	1.04	cps
Rhodium	103-1	4335071	4559858	4620283	4505071	3.34	cps
Rhodium	103-2	2783707	2794164	2834711	2804194	0.96	cps
Scandium	45-1	2800151	2961565	2939787	2900501	3.02	cps
Scandium	45-2	280681	281713	283761	282052	0.56	cps
Selenium	82-1	212	340	336	296	24.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	420	347	350	372	11.12	cps
Silicon	28-1	300426	304497	307923	304282	1.23	cps
Silver	107-1	50	63	57	57	11.76	cps
Silver	109-1	33	33	43	37	15.75	cps
Sodium	23-2	51165	51245	51242	51217	0.09	cps
Strontium	86-1	517	493	480	497	3.74	cps
Strontium	88-1	1027	983	910	973	6.06	cps
Sulfur	34-1	171918	170054	169077	170350	0.85	cps
Terbium	159-1	5212232	5437875	5442945	5364351	2.46	cps
Terbium	159-2	3684479	3630195	3688667	3667780	0.89	cps
Thallium	203-1	127	120	103	117	10.30	cps
Thallium	205-1	307	260	233	267	13.92	cps
Tin	118-1	2020	2194	2317	2177	6.85	cps
Titanium	47-1	230	177	163	190	18.56	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-07	Instrumnet Name :	P7
Client Sample ID :	MYDD00	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:27:41	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	30	37	32	11.95	cps
Vanadium	51-2	30	33	27	30	11.10	cps
Yttrium	89-1	7922201	8324111	8301924	8182745	2.76	cps
Yttrium	89-2	2226592	2219159	2207079	2217610	0.44	cps
Zinc	66-2	5174	4851	4741	4922	4.58	cps
Zirconium	90-1	847	893	823	854	4.17	cps
Zirconium	91-1	190	187	223	200	10.14	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-08	Instrumnet Name :	P7
Client Sample ID :	MYDD01	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:30:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	587	553	530	557	5.12	cps
Antimony	121-1	73	90	83	82	10.20	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	140	147	120	136	10.24	cps
Barium	137-1	270	303	267	280	7.24	cps
Beryllium	9-1	27	37	30	31	16.37	cps
Bismuth	209-1	2973140	3145005	3200095	3106080	3.81	cps
Bismuth	209-2	2528398	2615568	2596594	2580187	1.78	cps
Bromine	81-1	6095	6208	6038	6114	1.42	cps
Bromine	81-2	87	57	97	80	26.02	cps
Cadmium	108-1	10	10	13	11	17.30	cps
Cadmium	106-1	1290	1387	1113	1263	10.97	cps
Cadmium	111-1	909	974	787	890	10.68	cps
Calcium	43-1	657	680	707	681	3.67	cps
Calcium	44-1	22437	23115	23629	23060	2.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1150	1173	1193	1172	1.85	cps
Cobalt	59-2	187	137	133	152	19.63	cps
Copper	63-2	1940	1987	2013	1980	1.87	cps
Dysprosium	156-1	247	260	183	230	17.81	cps
Dysprosium	156-2	70	47	43	53	27.24	cps
Erbium	164-1	40	33	30	34	14.78	cps
Erbium	164-2	13	37	27	26	45.82	cps
Gadolinium	160-1	40	27	17	28	42.13	cps
Gadolinium	160-2	113	177	133	141	22.94	cps
Holmium	165-1	5058977	5375423	5438674	5291025	3.84	cps
Holmium	165-2	3701749	3747690	3799523	3749654	1.30	cps
Indium	115-1	4517767	4721591	4832376	4690578	3.40	cps
Indium	115-2	1715019	1688873	1702230	1702041	0.77	cps
Iron	56-2	18184	18531	18224	18313	1.04	cps
Iron	57-2	2924	3037	3097	3019	2.92	cps
Iron	54-2	2447	2460	2364	2424	2.16	cps
Krypton	83-1	223	220	220	221	0.87	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-08	Instrumnet Name :	P7
Client Sample ID :	MYDD01	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:30:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	327	360	393	360	9.26	cps
Lead	207-1	287	277	267	277	3.61	cps
Lead	208-1	1437	1357	1437	1410	3.28	cps
Lithium	6-1	396824	422333	421824	413660	3.53	cps
Magnesium	24-2	1190	1277	1483	1317	11.45	cps
Manganese	55-2	720	677	703	700	3.12	cps
Molybdenum	94-1	347	443	440	410	13.38	cps
Molybdenum	95-1	187	177	177	180	3.21	cps
Molybdenum	96-1	247	270	227	248	8.75	cps
Molybdenum	97-1	80	100	100	93	12.37	cps
Molybdenum	98-1	220	273	277	257	12.39	cps
Neodymium	150-1	17	10	7	11	45.82	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	147	193	187	176	14.38	cps
Phosphorus	31-2	217	183	220	207	9.81	cps
Potassium	39-2	85244	85964	85418	85542	0.44	cps
Rhodium	103-1	4421673	4635056	4670900	4575876	2.94	cps
Rhodium	103-2	2919523	2880942	2871555	2890673	0.88	cps
Scandium	45-1	2828754	2996922	2979278	2934985	3.15	cps
Scandium	45-2	283319	285081	286195	284865	0.51	cps
Selenium	82-1	283	243	334	287	15.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	370	387	373	377	2.34	cps
Silicon	28-1	304416	310618	310992	308675	1.20	cps
Silver	107-1	60	70	60	63	9.12	cps
Silver	109-1	30	37	53	40	30.04	cps
Sodium	23-2	55841	57219	55914	56325	1.38	cps
Strontium	86-1	600	570	543	571	4.96	cps
Strontium	88-1	1863	2074	2020	1986	5.50	cps
Sulfur	34-1	172059	172211	171881	172050	0.10	cps
Terbium	159-1	5234070	5430571	5601967	5422203	3.40	cps
Terbium	159-2	3671673	3799995	3729056	3733575	1.72	cps
Thallium	203-1	123	103	110	112	9.08	cps
Thallium	205-1	247	323	280	283	13.57	cps
Tin	118-1	2027	2217	2354	2199	7.47	cps
Titanium	47-1	207	167	190	188	10.70	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-08	Instrumnet Name :	P7
Client Sample ID :	MYDD01	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:30:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60	37	37	44	30.31	cps
Vanadium	51-2	27	13	27	22	34.66	cps
Yttrium	89-1	8033022	8611646	8526728	8390465	3.72	cps
Yttrium	89-2	2276248	2257061	2262522	2265277	0.44	cps
Zinc	66-2	903	1070	893	956	10.39	cps
Zirconium	90-1	860	830	987	892	9.32	cps
Zirconium	91-1	183	170	187	180	4.90	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-09	Instrumnet Name :	P7
Client Sample ID :	MYDD02	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:34:15	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	620	657	543	607	9.53	cps
Antimony	121-1	80	123	107	103	21.16	cps
Arsenic	75-2	10	10	7	9	21.63	cps
Barium	135-1	153	167	153	158	4.88	cps
Barium	137-1	277	290	273	280	3.15	cps
Beryllium	9-1	17	23	20	20	16.65	cps
Bismuth	209-1	3057928	3202384	3164069	3141460	2.38	cps
Bismuth	209-2	2635798	2625704	2652177	2637893	0.51	cps
Bromine	81-1	6208	6388	6465	6354	2.07	cps
Bromine	81-2	67	60	83	70	17.17	cps
Cadmium	108-1	3	10	10	8	49.52	cps
Cadmium	106-1	1250	1290	1327	1289	2.98	cps
Cadmium	111-1	899	909	932	913	1.81	cps
Calcium	43-1	600	653	720	658	9.14	cps
Calcium	44-1	21145	21445	21486	21359	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1060	1023	1053	1046	1.87	cps
Cobalt	59-2	143	157	140	147	6.01	cps
Copper	63-2	1883	1980	1933	1932	2.50	cps
Dysprosium	156-1	240	257	297	264	11.01	cps
Dysprosium	156-2	63	50	57	57	11.76	cps
Erbium	164-1	47	40	37	41	12.39	cps
Erbium	164-2	37	40	17	31	40.56	cps
Gadolinium	160-1	40	27	33	33	20.00	cps
Gadolinium	160-2	137	107	183	142	27.16	cps
Holmium	165-1	5250007	5362269	5349592	5320623	1.16	cps
Holmium	165-2	3778172	3777009	3782385	3779189	0.07	cps
Indium	115-1	4632385	4883544	4766922	4760950	2.64	cps
Indium	115-2	1714993	1712984	1714260	1714079	0.06	cps
Iron	56-2	20898	20768	21205	20957	1.07	cps
Iron	57-2	3110	3240	3070	3140	2.83	cps
Iron	54-2	2684	2717	2697	2699	0.62	cps
Krypton	83-1	207	240	203	217	9.36	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-09	Instrumnet Name :	P7
Client Sample ID :	MYDD02	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:34:15	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	403	387	330	373	10.30	cps
Lead	207-1	313	310	357	327	7.97	cps
Lead	208-1	1453	1367	1537	1452	5.85	cps
Lithium	6-1	425893	427284	442426	431868	2.12	cps
Magnesium	24-2	1553	1553	1500	1536	2.01	cps
Manganese	55-2	763	787	760	770	1.89	cps
Molybdenum	94-1	453	427	423	434	3.79	cps
Molybdenum	95-1	320	270	257	282	11.83	cps
Molybdenum	96-1	287	377	393	352	16.29	cps
Molybdenum	97-1	200	137	177	171	18.72	cps
Molybdenum	98-1	340	500	403	414	19.44	cps
Neodymium	150-1	10	13	20	14	35.26	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	173	237	183	198	17.21	cps
Phosphorus	31-2	153	213	207	191	17.21	cps
Potassium	39-2	85448	86279	84684	85470	0.93	cps
Rhodium	103-1	4564577	4680058	4697463	4647366	1.55	cps
Rhodium	103-2	2881714	2857045	2865677	2868145	0.44	cps
Scandium	45-1	2922101	3072934	3054351	3016462	2.73	cps
Scandium	45-2	290313	287221	287765	288433	0.57	cps
Selenium	82-1	354	314	393	354	11.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	410	373	327	370	11.29	cps
Silicon	28-1	410717	424733	439648	425033	3.40	cps
Silver	107-1	93	87	123	101	19.32	cps
Silver	109-1	60	60	37	52	25.79	cps
Sodium	23-2	54496	53279	52309	53361	2.05	cps
Strontium	86-1	633	640	637	637	0.52	cps
Strontium	88-1	2837	2744	2950	2844	3.64	cps
Sulfur	34-1	180273	178246	177754	178758	0.75	cps
Terbium	159-1	5435097	5605010	5474322	5504809	1.62	cps
Terbium	159-2	3792428	3722784	3813796	3776336	1.26	cps
Thallium	203-1	123	110	113	116	6.01	cps
Thallium	205-1	273	297	270	280	5.19	cps
Tin	118-1	2090	2200	2090	2127	2.99	cps
Titanium	47-1	183	260	190	211	20.12	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-09	Instrumnet Name :	P7
Client Sample ID :	MYDD02	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:34:15	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	70	73	100	81	20.27	cps
Vanadium	51-2	47	40	30	39	21.57	cps
Yttrium	89-1	8256604	8546943	8592360	8465302	2.15	cps
Yttrium	89-2	2299218	2270396	2265522	2278378	0.80	cps
Zinc	66-2	767	827	783	792	3.91	cps
Zirconium	90-1	700	670	790	720	8.67	cps
Zirconium	91-1	147	143	123	138	9.16	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-10	Instrumnet Name :	P7
Client Sample ID :	MYDD03	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:37:32	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	640	700	690	677	4.75	cps
Antimony	121-1	120	117	113	117	2.85	cps
Arsenic	75-2	7	20	10	12	56.76	cps
Barium	135-1	200	207	190	199	4.22	cps
Barium	137-1	317	360	260	312	16.06	cps
Beryllium	9-1	30	30	30	30	0.00	cps
Bismuth	209-1	3061863	3177722	2886021	3041869	4.83	cps
Bismuth	209-2	2557920	2611698	2641959	2603859	1.63	cps
Bromine	81-1	6231	6415	6321	6323	1.45	cps
Bromine	81-2	100	140	90	110	24.05	cps
Cadmium	108-1	10	10	7	9	21.63	cps
Cadmium	106-1	1393	1257	1193	1281	7.98	cps
Cadmium	111-1	982	883	861	908	7.10	cps
Calcium	43-1	967	1010	940	972	3.63	cps
Calcium	44-1	26470	26674	26587	26577	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1260	1220	1163	1215	4.00	cps
Cobalt	59-2	147	193	143	161	17.35	cps
Copper	63-2	2014	2084	2053	2050	1.71	cps
Dysprosium	156-1	270	210	250	243	12.56	cps
Dysprosium	156-2	47	40	57	48	17.56	cps
Erbium	164-1	37	60	47	48	24.50	cps
Erbium	164-2	13	17	43	24	67.26	cps
Gadolinium	160-1	10	40	27	26	58.81	cps
Gadolinium	160-2	113	80	153	116	31.78	cps
Holmium	165-1	5172059	5270805	5000072	5147645	2.66	cps
Holmium	165-2	3700376	3733355	3748605	3727446	0.66	cps
Indium	115-1	4551738	4793524	4455630	4600297	3.78	cps
Indium	115-2	1702687	1711389	1698713	1704263	0.38	cps
Iron	56-2	27395	26547	26340	26761	2.09	cps
Iron	57-2	3250	3240	3257	3249	0.26	cps
Iron	54-2	2900	2997	2857	2918	2.46	cps
Krypton	83-1	307	233	233	258	16.42	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-10	Instrumnet Name :	P7
Client Sample ID :	MYDD03	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:37:32	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	487	417	503	469	9.81	cps
Lead	207-1	357	407	463	409	13.05	cps
Lead	208-1	1667	1727	1883	1759	6.36	cps
Lithium	6-1	411919	434110	408669	418233	3.31	cps
Magnesium	24-2	1950	1757	1797	1835	5.56	cps
Manganese	55-2	867	753	1000	873	14.14	cps
Molybdenum	94-1	497	533	613	548	10.89	cps
Molybdenum	95-1	360	427	397	394	8.46	cps
Molybdenum	96-1	453	460	483	466	3.38	cps
Molybdenum	97-1	217	240	277	244	12.37	cps
Molybdenum	98-1	533	460	640	544	16.63	cps
Neodymium	150-1	3	10	17	10	66.70	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	183	170	183	179	4.31	cps
Phosphorus	31-2	170	240	223	211	17.32	cps
Potassium	39-2	85874	86862	85479	86072	0.83	cps
Rhodium	103-1	4455500	4649179	4323860	4476180	3.66	cps
Rhodium	103-2	2857379	2890100	2867818	2871766	0.58	cps
Scandium	45-1	2842992	2986103	2781485	2870193	3.66	cps
Scandium	45-2	285751	284221	284087	284686	0.32	cps
Selenium	82-1	172	286	295	251	27.26	cps
Selenium	77-2	17	0	0	6	173.21	cps
Selenium	78-2	410	400	400	403	1.43	cps
Silicon	28-1	321724	326077	331392	326397	1.48	cps
Silver	107-1	83	60	160	101	51.74	cps
Silver	109-1	73	63	70	69	7.39	cps
Sodium	23-2	58608	58731	58916	58752	0.26	cps
Strontium	86-1	787	773	763	774	1.51	cps
Strontium	88-1	3327	3337	3901	3522	9.32	cps
Sulfur	34-1	183837	180664	178260	180920	1.55	cps
Terbium	159-1	5335710	5582777	5189794	5369427	3.70	cps
Terbium	159-2	3773708	3755982	3716231	3748640	0.79	cps
Thallium	203-1	117	100	147	121	19.53	cps
Thallium	205-1	350	300	363	338	9.88	cps
Tin	118-1	2330	2377	2394	2367	1.39	cps
Titanium	47-1	263	220	287	257	13.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4322-10	Instrumnet Name :	P7
Client Sample ID :	MYDD03	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:37:32	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	127	117	123	122	4.17	cps
Vanadium	51-2	57	50	27	44	35.44	cps
Yttrium	89-1	8018791	8517730	7967814	8168112	3.72	cps
Yttrium	89-2	2237498	2261837	2244362	2247899	0.56	cps
Zinc	66-2	1070	1100	1010	1060	4.32	cps
Zirconium	90-1	793	803	997	864	13.26	cps
Zirconium	91-1	177	217	253	216	17.79	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:40:51	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7828974	7534662	7668636	7677424	1.92	cps
Antimony	121-1	3291048	3316405	3241938	3283130	1.15	cps
Arsenic	75-2	214669	213051	211225	212982	0.81	cps
Barium	135-1	4072422	4018124	4059101	4049882	0.70	cps
Barium	137-1	6948491	7108789	6990574	7015951	1.18	cps
Beryllium	9-1	364745	370318	371033	368699	0.93	cps
Bismuth	209-1	3601496	3687366	3542515	3610459	2.02	cps
Bismuth	209-2	2846561	2843981	2833929	2841490	0.23	cps
Bromine	81-1	6658	6678	6852	6729	1.58	cps
Bromine	81-2	57	73	70	67	13.22	cps
Cadmium	108-1	56971	57724	57199	57298	0.67	cps
Cadmium	106-1	81360	82228	82244	81944	0.62	cps
Cadmium	111-1	772932	786820	793600	784451	1.34	cps
Calcium	43-1	4673255	4754519	4630124	4685966	1.35	cps
Calcium	44-1	75423226	76319064	75052617	75598302	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1529704	1512243	1499996	1513981	0.99	cps
Cobalt	59-2	2354607	2335929	2339418	2343318	0.42	cps
Copper	63-2	16734166	16733225	16604374	16690589	0.45	cps
Dysprosium	156-1	450	403	393	416	7.28	cps
Dysprosium	156-2	293	333	357	328	9.77	cps
Erbium	164-1	173	193	187	184	5.52	cps
Erbium	164-2	113	127	103	114	10.23	cps
Gadolinium	160-1	137	130	127	131	3.88	cps
Gadolinium	160-2	250	250	223	241	6.38	cps
Holmium	165-1	6370187	6316925	6445276	6377463	1.01	cps
Holmium	165-2	4338758	4218394	4265060	4274071	1.42	cps
Indium	115-1	5406979	5396071	5389953	5397668	0.16	cps
Indium	115-2	1878228	1823457	1850812	1850832	1.48	cps
Iron	56-2	322520229	317901482	319082142	319834617	0.75	cps
Iron	57-2	8000791	7955754	7954957	7970501	0.33	cps
Iron	54-2	17770518	17699002	17580082	17683201	0.54	cps
Krypton	83-1	300	260	247	269	10.32	cps

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:40:51	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10295645	10245929	10389520	10310365	0.71	cps
Lead	207-1	9044946	9043162	9003999	9030703	0.26	cps
Lead	208-1	40961625	41044274	40853937	40953279	0.23	cps
Lithium	6-1	509847	525164	519380	518130	1.49	cps
Magnesium	24-2	64818602	63192276	64521182	64177353	1.35	cps
Manganese	55-2	10729956	10514547	10467698	10570734	1.32	cps
Molybdenum	94-1	13001103	12978592	13035644	13005113	0.22	cps
Molybdenum	95-1	18777581	18815163	18801198	18797981	0.10	cps
Molybdenum	96-1	20408108	20406451	20462433	20425664	0.16	cps
Molybdenum	97-1	11529216	11526919	11633350	11563162	0.53	cps
Molybdenum	98-1	29751932	30076324	29867399	29898552	0.55	cps
Neodymium	150-1	180	240	180	200	17.32	cps
Neodymium	150-2	80	67	70	72	9.61	cps
Nickel	60-2	574222	567134	570637	570664	0.62	cps
Phosphorus	31-2	91042	89687	89285	90005	1.02	cps
Potassium	39-2	44265383	43161138	43962039	43796187	1.30	cps
Rhodium	103-1	5078400	5141352	5126701	5115485	0.64	cps
Rhodium	103-2	3117782	3047374	3047654	3070936	1.32	cps
Scandium	45-1	3579554	3570305	3520317	3556725	0.90	cps
Scandium	45-2	331755	327463	329084	329434	0.66	cps
Selenium	82-1	51479	52278	52569	52109	1.08	cps
Selenium	77-2	5321	5228	5171	5240	1.45	cps
Selenium	78-2	17754	17310	17414	17493	1.33	cps
Silicon	28-1	21721135	21060413	21531486	21437678	1.59	cps
Silver	107-1	4094882	4137426	4127900	4120069	0.54	cps
Silver	109-1	3880190	3909037	3938679	3909302	0.75	cps
Sodium	23-2	110022565	107738178	108689022	108816588	1.05	cps
Strontium	86-1	27598565	27549062	27704617	27617415	0.29	cps
Strontium	88-1	240750070	239019983	239746196	239838750	0.36	cps
Sulfur	34-1	414044	416064	413243	414450	0.35	cps
Terbium	159-1	6505799	6552929	6433620	6497449	0.92	cps
Terbium	159-2	4309622	4230364	4200490	4246825	1.33	cps
Thallium	203-1	2574539	2600323	2605778	2593546	0.64	cps
Thallium	205-1	5993675	6084221	6061024	6046307	0.78	cps
Tin	118-1	2593194	2555104	2579462	2575920	0.75	cps
Titanium	47-1	4934842	4983764	4971551	4963386	0.51	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:40:51	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7612484	7733124	7723502	7689703	0.87	cps
Vanadium	51-2	1374517	1333872	1344013	1350801	1.57	cps
Yttrium	89-1	10025159	10124096	9867519	10005591	1.29	cps
Yttrium	89-2	2520403	2555224	2499798	2525142	1.11	cps
Zinc	66-2	2771255	2737827	2739961	2749681	0.68	cps
Zirconium	90-1	5917583	6061354	6012739	5997226	1.22	cps
Zirconium	91-1	1291516	1298299	1292597	1294137	0.28	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:43:36	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	680	653	697	677	3.23	cps
Antimony	121-1	2294	2227	2134	2218	3.62	cps
Arsenic	75-2	13	20	10	14	35.26	cps
Barium	135-1	277	217	270	254	12.92	cps
Barium	137-1	483	447	503	478	6.02	cps
Beryllium	9-1	77	80	67	74	9.32	cps
Bismuth	209-1	3619082	3596230	3533545	3582952	1.24	cps
Bismuth	209-2	2786751	2882837	2861005	2843531	1.77	cps
Bromine	81-1	5805	6158	6041	6001	3.00	cps
Bromine	81-2	80	60	60	67	17.32	cps
Cadmium	108-1	20	17	13	17	20.01	cps
Cadmium	106-1	1550	1323	1423	1432	7.93	cps
Cadmium	111-1	1141	1011	1074	1075	6.03	cps
Calcium	43-1	663	727	713	701	4.76	cps
Calcium	44-1	22637	22400	22741	22593	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	730	760	850	780	8.01	cps
Cobalt	59-2	190	257	207	218	15.93	cps
Copper	63-2	1803	1823	1847	1825	1.19	cps
Dysprosium	156-1	250	230	190	223	13.68	cps
Dysprosium	156-2	43	40	40	41	4.68	cps
Erbium	164-1	60	30	50	47	32.73	cps
Erbium	164-2	37	33	33	34	5.60	cps
Gadolinium	160-1	13	23	17	18	28.64	cps
Gadolinium	160-2	113	137	163	138	18.16	cps
Holmium	165-1	6016168	5901638	5803845	5907217	1.80	cps
Holmium	165-2	3996062	4004660	3961425	3987382	0.57	cps
Indium	115-1	5296480	5341062	5146021	5261188	1.94	cps
Indium	115-2	1821378	1824681	1821423	1822494	0.10	cps
Iron	56-2	27298	27896	27368	27521	1.19	cps
Iron	57-2	3260	3110	3390	3254	4.31	cps
Iron	54-2	2350	2370	2460	2394	2.45	cps
Krypton	83-1	267	207	210	228	14.80	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:43:36	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	907	950	800	886	8.72	cps
Lead	207-1	823	810	657	763	12.13	cps
Lead	208-1	3727	3704	3360	3597	5.71	cps
Lithium	6-1	487881	483525	479838	483748	0.83	cps
Magnesium	24-2	3710	3477	3317	3502	5.65	cps
Manganese	55-2	1417	1410	1450	1426	1.50	cps
Molybdenum	94-1	1293	1220	1100	1205	8.10	cps
Molybdenum	95-1	1577	1463	1367	1469	7.16	cps
Molybdenum	96-1	1667	1577	1593	1612	2.97	cps
Molybdenum	97-1	880	863	870	871	0.96	cps
Molybdenum	98-1	2360	2124	2174	2219	5.62	cps
Neodymium	150-1	10	13	7	10	33.30	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	153	200	133	162	21.09	cps
Phosphorus	31-2	140	160	200	167	18.33	cps
Potassium	39-2	91154	90205	88891	90083	1.26	cps
Rhodium	103-1	5144194	5111402	4987342	5080979	1.63	cps
Rhodium	103-2	3019144	3053970	3014915	3029343	0.71	cps
Scandium	45-1	3344862	3266453	3283704	3298340	1.25	cps
Scandium	45-2	303242	302167	302063	302491	0.22	cps
Selenium	82-1	319	369	341	343	7.33	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	330	383	380	364	8.20	cps
Silicon	28-1	297780	296032	290210	294674	1.34	cps
Silver	107-1	500	363	370	411	18.74	cps
Silver	109-1	480	397	360	412	14.92	cps
Sodium	23-2	56467	54583	55292	55447	1.72	cps
Strontium	86-1	1643	1567	1560	1590	2.91	cps
Strontium	88-1	11428	10124	9933	10495	7.75	cps
Sulfur	34-1	180752	181106	178913	180257	0.65	cps
Terbium	159-1	6120682	6179191	5950713	6083529	1.95	cps
Terbium	159-2	4026746	3978058	4007744	4004183	0.61	cps
Thallium	203-1	417	420	373	403	6.46	cps
Thallium	205-1	1060	1067	967	1031	5.42	cps
Tin	118-1	2107	1993	2037	2046	2.80	cps
Titanium	47-1	373	387	413	391	5.21	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 19:43:36	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	407	300	330	346	15.92	cps
Vanadium	51-2	60	87	70	72	18.66	cps
Yttrium	89-1	9551423	9334069	9172157	9352550	2.03	cps
Yttrium	89-2	2404366	2396850	2371957	2391058	0.71	cps
Zinc	66-2	1033	1087	1147	1089	5.21	cps
Zirconium	90-1	1183	1060	957	1067	10.64	cps
Zirconium	91-1	243	253	187	228	15.78	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:47:10	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1438681	1478975	1476003	1464553	1.53	cps
Antimony	121-1	4361	4467	4487	4438	1.53	cps
Arsenic	75-2	24811	24590	24283	24561	1.08	cps
Barium	135-1	128104	127098	132146	129116	2.07	cps
Barium	137-1	212896	225379	220491	219589	2.86	cps
Beryllium	9-1	303	297	243	281	11.70	cps
Bismuth	209-1	3608551	3366008	3539205	3504588	3.56	cps
Bismuth	209-2	2793095	2813200	2781003	2795766	0.58	cps
Bromine	81-1	6351	6205	6375	6310	1.46	cps
Bromine	81-2	147	147	140	144	2.67	cps
Cadmium	108-1	117	97	110	108	9.45	cps
Cadmium	106-1	1470	1567	1427	1488	4.82	cps
Cadmium	111-1	2137	2209	2278	2208	3.19	cps
Calcium	43-1	92657	96699	96112	95156	2.29	cps
Calcium	44-1	1537468	1498401	1553164	1529678	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35729	35031	35555	35438	1.03	cps
Cobalt	59-2	33968	33274	33538	33593	1.04	cps
Copper	63-2	165923	167493	166567	166661	0.47	cps
Dysprosium	156-1	10054	10644	10788	10495	3.71	cps
Dysprosium	156-2	8789	8863	8579	8744	1.68	cps
Erbium	164-1	8589	8553	8830	8657	1.74	cps
Erbium	164-2	6081	5835	5968	5961	2.07	cps
Gadolinium	160-1	9530	10120	9797	9816	3.01	cps
Gadolinium	160-2	7429	7322	7392	7381	0.73	cps
Holmium	165-1	5653933	5564299	5761601	5659944	1.75	cps
Holmium	165-2	4002906	4001724	3994518	3999716	0.11	cps
Indium	115-1	5099559	4950425	5093678	5047887	1.67	cps
Indium	115-2	1779538	1795924	1759694	1778385	1.02	cps
Iron	56-2	51834111	51033806	51075194	51314370	0.88	cps
Iron	57-2	1312617	1303128	1303615	1306453	0.41	cps
Iron	54-2	2900967	2880125	2855739	2878944	0.79	cps
Krypton	83-1	283	217	210	237	17.14	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:47:10	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	184128	182163	190892	185728	2.47	cps
Lead	207-1	162251	169358	169449	167019	2.47	cps
Lead	208-1	730736	747172	752855	743587	1.54	cps
Lithium	6-1	500028	453874	500377	484760	5.52	cps
Magnesium	24-2	940482	945003	936496	940660	0.45	cps
Manganese	55-2	1100718	1106510	1101301	1102843	0.29	cps
Molybdenum	94-1	7825	7976	7956	7919	1.03	cps
Molybdenum	95-1	1637	1627	1747	1670	3.99	cps
Molybdenum	96-1	3264	3514	3450	3409	3.81	cps
Molybdenum	97-1	1020	980	1113	1038	6.59	cps
Molybdenum	98-1	2654	2680	2844	2726	3.77	cps
Neodymium	150-1	18456	18332	18783	18523	1.26	cps
Neodymium	150-2	10891	10988	11301	11060	1.94	cps
Nickel	60-2	11618	11371	11124	11371	2.17	cps
Phosphorus	31-2	5718	5604	5724	5682	1.19	cps
Potassium	39-2	793564	800772	793978	796105	0.51	cps
Rhodium	103-1	4816857	4830016	4839227	4828700	0.23	cps
Rhodium	103-2	3009476	3056970	2962421	3009622	1.57	cps
Scandium	45-1	3295420	3195612	3309042	3266691	1.90	cps
Scandium	45-2	305441	303014	301866	303440	0.60	cps
Selenium	82-1	348	436	455	413	13.94	cps
Selenium	77-2	33	40	53	42	24.12	cps
Selenium	78-2	370	360	440	390	11.18	cps
Silicon	28-1	5494944	5569350	5681858	5582051	1.69	cps
Silver	107-1	2670	2590	2824	2695	4.40	cps
Silver	109-1	2250	2577	2550	2459	7.38	cps
Sodium	23-2	64892	66801	65234	65643	1.55	cps
Strontium	86-1	47564	49275	49319	48719	2.05	cps
Strontium	88-1	414089	441438	427706	427745	3.20	cps
Sulfur	34-1	206414	205958	202216	204863	1.12	cps
Terbium	159-1	5762305	5905103	5771355	5812921	1.38	cps
Terbium	159-2	3960276	3983090	3968538	3970634	0.29	cps
Thallium	203-1	773	827	683	761	9.52	cps
Thallium	205-1	1660	1877	1787	1775	6.13	cps
Tin	118-1	4868	5004	4577	4816	4.53	cps
Titanium	47-1	209411	217085	219507	215334	2.45	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:47:10	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2810	2967	2834	2870	2.95	cps
Vanadium	51-2	85886	85893	85906	85895	0.01	cps
Yttrium	89-1	9314066	8967045	9327792	9202968	2.22	cps
Yttrium	89-2	2436839	2455945	2406925	2433236	1.02	cps
Zinc	66-2	102898	101925	102049	102291	0.52	cps
Zirconium	90-1	19781	18518	19259	19186	3.31	cps
Zirconium	91-1	3941	4161	4227	4110	3.65	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:50:22	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1490124	1471103	1492010	1484412	0.78	cps
Antimony	121-1	4584	4444	4607	4545	1.94	cps
Arsenic	75-2	24717	24761	24237	24572	1.18	cps
Barium	135-1	126563	130679	132221	129821	2.25	cps
Barium	137-1	217140	224807	221147	221031	1.74	cps
Beryllium	9-1	340	310	263	304	12.69	cps
Bismuth	209-1	3354270	3416207	3637459	3469312	4.29	cps
Bismuth	209-2	2806144	2819829	2877217	2834397	1.33	cps
Bromine	81-1	6808	6361	6792	6654	3.81	cps
Bromine	81-2	153	167	150	157	5.63	cps
Cadmium	108-1	120	170	120	137	21.12	cps
Cadmium	106-1	1640	1673	1510	1608	5.37	cps
Cadmium	111-1	2284	2142	2206	2211	3.21	cps
Calcium	43-1	95515	96381	99597	97164	2.21	cps
Calcium	44-1	1484420	1497839	1564847	1515702	2.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34960	35939	35118	35339	1.49	cps
Cobalt	59-2	34105	33965	33554	33875	0.85	cps
Copper	63-2	170594	170126	169013	169911	0.48	cps
Dysprosium	156-1	10244	10918	10818	10660	3.41	cps
Dysprosium	156-2	8783	8836	8759	8793	0.45	cps
Erbium	164-1	8356	8596	9470	8807	6.66	cps
Erbium	164-2	6041	5971	5931	5981	0.93	cps
Gadolinium	160-1	9680	10384	10321	10128	3.84	cps
Gadolinium	160-2	7896	7272	7479	7549	4.21	cps
Holmium	165-1	5632239	5784667	5752394	5723100	1.40	cps
Holmium	165-2	4009368	4050525	4068749	4042881	0.75	cps
Indium	115-1	4953772	5179993	5127762	5087176	2.33	cps
Indium	115-2	1802489	1835273	1813569	1817110	0.92	cps
Iron	56-2	52863948	52692088	52343974	52633336	0.50	cps
Iron	57-2	1333844	1336342	1328755	1332980	0.29	cps
Iron	54-2	2986479	2959476	2930876	2958944	0.94	cps
Krypton	83-1	233	230	237	233	1.43	cps

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:50:22	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	178306	186774	188246	184442	2.91	cps
Lead	207-1	164216	174474	169830	169507	3.03	cps
Lead	208-1	746953	756499	756939	753464	0.75	cps
Lithium	6-1	466039	455900	514446	478795	6.53	cps
Magnesium	24-2	956683	954505	949277	953488	0.40	cps
Manganese	55-2	1118484	1113393	1106395	1112757	0.55	cps
Molybdenum	94-1	7795	7859	8076	7910	1.86	cps
Molybdenum	95-1	1440	1540	1650	1543	6.81	cps
Molybdenum	96-1	3170	3460	3274	3302	4.45	cps
Molybdenum	97-1	1033	1083	970	1029	5.52	cps
Molybdenum	98-1	2420	2317	2467	2401	3.20	cps
Neodymium	150-1	18769	18509	19333	18871	2.23	cps
Neodymium	150-2	11391	10944	11338	11225	2.18	cps
Nickel	60-2	11751	12072	11371	11731	2.99	cps
Phosphorus	31-2	6178	5875	5875	5976	2.93	cps
Potassium	39-2	812032	804786	805233	807350	0.50	cps
Rhodium	103-1	4755028	5172441	4847508	4924993	4.45	cps
Rhodium	103-2	3044847	3071393	3052146	3056128	0.45	cps
Scandium	45-1	3155617	3207594	3297943	3220385	2.24	cps
Scandium	45-2	307014	308216	303871	306367	0.73	cps
Selenium	82-1	480	384	345	403	17.31	cps
Selenium	77-2	47	40	40	42	9.12	cps
Selenium	78-2	443	387	443	424	7.71	cps
Silicon	28-1	5332667	5710202	5513208	5518692	3.42	cps
Silver	107-1	2590	2604	2747	2647	3.28	cps
Silver	109-1	2410	2317	2420	2382	2.39	cps
Sodium	23-2	66205	64716	64940	65287	1.23	cps
Strontium	86-1	47420	51476	50309	49735	4.20	cps
Strontium	88-1	440606	435824	437862	438097	0.55	cps
Sulfur	34-1	205701	208073	206668	206814	0.58	cps
Terbium	159-1	5741237	6150312	5972025	5954525	3.44	cps
Terbium	159-2	4052809	4034145	3978170	4021708	0.97	cps
Thallium	203-1	633	733	737	701	8.38	cps
Thallium	205-1	1643	1607	1543	1598	3.17	cps
Tin	118-1	4734	5004	4757	4832	3.10	cps
Titanium	47-1	210636	227994	219864	219498	3.96	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:50:22	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3134	3247	3157	3179	1.88	cps
Vanadium	51-2	89047	88940	89259	89082	0.18	cps
Yttrium	89-1	9147623	9201745	9489524	9279631	1.98	cps
Yttrium	89-2	2470731	2407708	2449897	2442779	1.31	cps
Zinc	66-2	104194	102781	103009	103328	0.73	cps
Zirconium	90-1	18388	19179	19296	18955	2.61	cps
Zirconium	91-1	3991	4297	4281	4190	4.12	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB51L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 19:53:37	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	286150	285914	286753	286272	0.15	cps
Antimony	121-1	900	1030	1007	979	7.08	cps
Arsenic	75-2	4921	4744	4921	4862	2.10	cps
Barium	135-1	24688	24945	25389	25008	1.42	cps
Barium	137-1	43647	43824	44108	43860	0.53	cps
Beryllium	9-1	83	73	80	79	6.45	cps
Bismuth	209-1	3449485	3503367	3484345	3479066	0.79	cps
Bismuth	209-2	2787726	2818840	2799635	2802067	0.56	cps
Bromine	81-1	6335	6381	6528	6415	1.57	cps
Bromine	81-2	80	60	73	71	14.32	cps
Cadmium	108-1	30	30	37	32	11.95	cps
Cadmium	106-1	1500	1597	1427	1508	5.66	cps
Cadmium	111-1	1296	1337	1186	1273	6.11	cps
Calcium	43-1	18558	19546	19349	19151	2.73	cps
Calcium	44-1	318465	325861	323030	322452	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7532	7889	7569	7663	2.56	cps
Cobalt	59-2	6585	6558	6715	6619	1.27	cps
Copper	63-2	33033	33949	33635	33539	1.39	cps
Dysprosium	156-1	2287	2214	2180	2227	2.45	cps
Dysprosium	156-2	1723	1790	1883	1799	4.47	cps
Erbium	164-1	1773	1747	1713	1745	1.72	cps
Erbium	164-2	1273	1233	1150	1219	5.16	cps
Gadolinium	160-1	1907	1860	1797	1855	2.98	cps
Gadolinium	160-2	1627	1527	1543	1566	3.42	cps
Holmium	165-1	5672501	5718138	5733884	5708174	0.56	cps
Holmium	165-2	3925968	4001362	4007557	3978296	1.14	cps
Indium	115-1	5117263	5165593	5023739	5102198	1.41	cps
Indium	115-2	1819895	1773288	1775850	1789678	1.46	cps
Iron	56-2	10123399	9983063	10066893	10057785	0.70	cps
Iron	57-2	257283	257493	257409	257395	0.04	cps
Iron	54-2	571287	569604	576138	572343	0.59	cps
Krypton	83-1	260	203	280	248	16.05	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB51L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 19:53:37	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35540	36626	37251	36472	2.37	cps
Lead	207-1	32870	33465	33464	33266	1.03	cps
Lead	208-1	146251	148562	149218	148010	1.05	cps
Lithium	6-1	473591	496905	484628	485041	2.40	cps
Magnesium	24-2	184816	183403	186483	184901	0.83	cps
Manganese	55-2	215684	214021	214935	214880	0.39	cps
Molybdenum	94-1	1857	1797	1980	1878	4.98	cps
Molybdenum	95-1	687	817	740	748	8.74	cps
Molybdenum	96-1	1043	1137	1033	1071	5.32	cps
Molybdenum	97-1	367	407	433	402	8.34	cps
Molybdenum	98-1	1067	1020	1057	1048	2.35	cps
Neodymium	150-1	3751	3764	3857	3791	1.53	cps
Neodymium	150-2	2070	2117	2250	2146	4.35	cps
Nickel	60-2	2387	2270	2397	2351	3.00	cps
Phosphorus	31-2	1183	1270	1213	1222	3.60	cps
Potassium	39-2	223128	224082	225881	224364	0.62	cps
Rhodium	103-1	4867369	4995535	4957094	4939999	1.33	cps
Rhodium	103-2	3012126	3008845	3008529	3009833	0.07	cps
Scandium	45-1	3135815	3202227	3162063	3166702	1.06	cps
Scandium	45-2	298165	298525	297939	298210	0.10	cps
Selenium	82-1	319	376	278	324	15.12	cps
Selenium	77-2	7	7	23	12	78.69	cps
Selenium	78-2	393	367	330	363	8.75	cps
Silicon	28-1	1419740	1403362	1433912	1419005	1.08	cps
Silver	107-1	590	630	597	606	3.54	cps
Silver	109-1	540	523	573	546	4.67	cps
Sodium	23-2	46393	46363	46426	46394	0.07	cps
Strontium	86-1	10427	10357	10210	10331	1.07	cps
Strontium	88-1	86184	88609	87904	87566	1.42	cps
Sulfur	34-1	182525	184060	184199	183595	0.51	cps
Terbium	159-1	5924688	5903095	5854537	5894106	0.61	cps
Terbium	159-2	3984029	3975091	4023629	3994250	0.65	cps
Thallium	203-1	347	340	397	361	8.58	cps
Thallium	205-1	793	803	847	814	3.48	cps
Tin	118-1	1853	2034	2110	1999	6.59	cps
Titanium	47-1	42002	43195	43679	42959	2.01	cps

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB51L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 19:53:37	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	687	743	650	693	6.78	cps
Vanadium	51-2	16946	16623	17136	16902	1.54	cps
Yttrium	89-1	8998459	9204940	9065999	9089799	1.16	cps
Yttrium	89-2	2398024	2378772	2366268	2381021	0.67	cps
Zinc	66-2	20474	20147	20167	20263	0.90	cps
Zirconium	90-1	3924	4227	3981	4044	3.99	cps
Zirconium	91-1	897	957	923	926	3.25	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:56:51	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1487887	1464911	1443366	1465388	1.52	cps
Antimony	121-1	102435	101129	102160	101908	0.68	cps
Arsenic	75-2	26651	26530	26447	26543	0.39	cps
Barium	135-1	572952	601969	594802	589908	2.56	cps
Barium	137-1	997670	999295	1019389	1005451	1.20	cps
Beryllium	9-1	5938	5998	6621	6186	6.12	cps
Bismuth	209-1	3211708	3664535	3292542	3389595	7.13	cps
Bismuth	209-2	2765457	2743917	2794594	2767989	0.92	cps
Bromine	81-1	6848	6672	6675	6732	1.50	cps
Bromine	81-2	163	170	173	169	3.01	cps
Cadmium	108-1	800	920	907	876	7.51	cps
Cadmium	106-1	2850	2680	2654	2728	3.91	cps
Cadmium	111-1	14475	14775	14305	14518	1.64	cps
Calcium	43-1	91850	92721	91501	92024	0.68	cps
Calcium	44-1	1435613	1520189	1465128	1473643	2.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132980	130660	131259	131633	0.91	cps
Cobalt	59-2	392398	396376	396938	395237	0.63	cps
Copper	63-2	285475	282125	284416	284005	0.60	cps
Dysprosium	156-1	9557	10321	10384	10087	4.56	cps
Dysprosium	156-2	8616	8276	8526	8473	2.08	cps
Erbium	164-1	7829	8693	8276	8266	5.23	cps
Erbium	164-2	5808	5741	5678	5742	1.13	cps
Gadolinium	160-1	9894	9733	9433	9687	2.41	cps
Gadolinium	160-2	7129	7419	7412	7320	2.26	cps
Holmium	165-1	5323991	5845211	5928536	5699246	5.75	cps
Holmium	165-2	4009959	3938454	3989123	3979179	0.92	cps
Indium	115-1	4752115	5176283	5192538	5040312	4.95	cps
Indium	115-2	1775183	1769923	1799902	1781669	0.90	cps
Iron	56-2	50185603	50038723	50051799	50092041	0.16	cps
Iron	57-2	1275254	1266658	1272845	1271586	0.35	cps
Iron	54-2	2804517	2796667	2797306	2799496	0.16	cps
Krypton	83-1	277	253	237	256	7.86	cps

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:56:51	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	184731	196535	191274	190847	3.10	cps
Lead	207-1	170307	171536	175386	172410	1.54	cps
Lead	208-1	764258	770913	767443	767538	0.43	cps
Lithium	6-1	446039	521947	464015	477333	8.31	cps
Magnesium	24-2	912457	911558	909302	911106	0.18	cps
Manganese	55-2	1233127	1231010	1231984	1232040	0.09	cps
Molybdenum	94-1	7372	7389	7532	7431	1.18	cps
Molybdenum	95-1	1467	1577	1393	1479	6.24	cps
Molybdenum	96-1	3190	3244	3064	3166	2.92	cps
Molybdenum	97-1	890	980	907	926	5.17	cps
Molybdenum	98-1	2160	2297	2387	2281	5.00	cps
Neodymium	150-1	17655	17965	18055	17891	1.17	cps
Neodymium	150-2	10531	10104	10414	10349	2.13	cps
Nickel	60-2	104135	103565	102699	103466	0.70	cps
Phosphorus	31-2	5661	5308	5548	5505	3.28	cps
Potassium	39-2	774363	770221	773182	772589	0.28	cps
Rhodium	103-1	4479870	4882721	5059399	4807330	6.18	cps
Rhodium	103-2	3023144	2952946	2989440	2988510	1.17	cps
Scandium	45-1	3070341	3415212	3207847	3231133	5.37	cps
Scandium	45-2	304368	303225	304873	304155	0.28	cps
Selenium	82-1	1924	1957	1975	1952	1.33	cps
Selenium	77-2	250	240	220	237	6.46	cps
Selenium	78-2	933	970	853	919	6.49	cps
Silicon	28-1	5377422	5420658	5898290	5565457	5.19	cps
Silver	107-1	53783	56285	54726	54931	2.30	cps
Silver	109-1	52267	51123	51658	51683	1.11	cps
Sodium	23-2	64143	64344	63550	64012	0.64	cps
Strontium	86-1	46851	46908	49346	47702	2.99	cps
Strontium	88-1	419015	411789	419868	416891	1.06	cps
Sulfur	34-1	207353	207556	203036	205982	1.24	cps
Terbium	159-1	5478490	5953529	5965077	5799032	4.79	cps
Terbium	159-2	3897260	4026690	3929275	3951075	1.71	cps
Thallium	203-1	34634	35570	36485	35563	2.60	cps
Thallium	205-1	86144	84930	84430	85168	1.04	cps
Tin	118-1	4664	4654	5118	4812	5.50	cps
Titanium	47-1	205666	212756	220736	213053	3.54	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 19:56:51	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3104	2840	2757	2900	6.24	cps
Vanadium	51-2	299672	296749	299951	298791	0.59	cps
Yttrium	89-1	8485289	9513163	9096157	9031536	5.72	cps
Yttrium	89-2	2420717	2425770	2427563	2424683	0.15	cps
Zinc	66-2	140265	140480	141574	140773	0.50	cps
Zirconium	90-1	17344	18645	18468	18152	3.89	cps
Zirconium	91-1	3997	3794	4144	3978	4.42	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:00:06	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1443794	1417719	1441670	1434394	1.01	cps
Antimony	121-1	373619	380292	379949	377954	0.99	cps
Arsenic	75-2	30742	30475	30027	30415	1.19	cps
Barium	135-1	1934076	1963903	2029110	1975697	2.46	cps
Barium	137-1	3375976	3436557	3468875	3427136	1.38	cps
Beryllium	9-1	21775	22163	22400	22113	1.43	cps
Bismuth	209-1	3369088	3422408	3411482	3400993	0.83	cps
Bismuth	209-2	2736905	2781607	2747767	2755426	0.85	cps
Bromine	81-1	6645	6735	6548	6643	1.41	cps
Bromine	81-2	127	117	150	131	13.04	cps
Cadmium	108-1	3190	2967	3067	3075	3.64	cps
Cadmium	106-1	5755	5411	6065	5743	5.69	cps
Cadmium	111-1	47209	47898	47800	47636	0.78	cps
Calcium	43-1	79380	82292	82047	81239	1.99	cps
Calcium	44-1	1259820	1292394	1298549	1283588	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	398825	398233	399533	398864	0.16	cps
Cobalt	59-2	1419116	1401640	1399347	1406701	0.77	cps
Copper	63-2	607847	605251	601520	604873	0.53	cps
Dysprosium	156-1	8806	9080	8913	8933	1.54	cps
Dysprosium	156-2	7619	7485	7639	7581	1.10	cps
Erbium	164-1	7225	7412	7395	7344	1.41	cps
Erbium	164-2	5068	5164	5184	5139	1.21	cps
Gadolinium	160-1	8186	8266	8673	8375	3.12	cps
Gadolinium	160-2	6475	6562	6041	6359	4.38	cps
Holmium	165-1	5661311	5744654	5641218	5682394	0.97	cps
Holmium	165-2	3950178	3998941	3936738	3961952	0.83	cps
Indium	115-1	4945621	4977136	4941850	4954869	0.39	cps
Indium	115-2	1779173	1793927	1766073	1779725	0.78	cps
Iron	56-2	45490459	45478283	46049778	45672840	0.71	cps
Iron	57-2	1151419	1147455	1155616	1151497	0.35	cps
Iron	54-2	2560683	2542533	2492285	2531834	1.40	cps
Krypton	83-1	210	227	263	233	11.69	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:00:06	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	193911	199407	201583	198300	1.99	cps
Lead	207-1	178468	179027	180071	179189	0.45	cps
Lead	208-1	790327	798936	809463	799575	1.20	cps
Lithium	6-1	456490	468007	464264	462920	1.27	cps
Magnesium	24-2	797265	797688	805152	800035	0.55	cps
Manganese	55-2	1619860	1583314	1611736	1604970	1.20	cps
Molybdenum	94-1	6248	6488	6532	6423	2.38	cps
Molybdenum	95-1	1193	1067	1070	1110	6.50	cps
Molybdenum	96-1	2594	2747	2627	2656	3.04	cps
Molybdenum	97-1	600	710	753	688	11.49	cps
Molybdenum	98-1	1593	1760	1733	1696	5.28	cps
Neodymium	150-1	15579	16013	16079	15890	1.71	cps
Neodymium	150-2	9497	9587	9176	9420	2.29	cps
Nickel	60-2	358659	360630	359720	359670	0.27	cps
Phosphorus	31-2	4741	4877	4857	4825	1.53	cps
Potassium	39-2	692760	689682	692932	691791	0.26	cps
Rhodium	103-1	4862193	4886932	4794066	4847730	0.99	cps
Rhodium	103-2	3032513	2929138	2970474	2977375	1.75	cps
Scandium	45-1	3158195	3184415	3221608	3188073	1.00	cps
Scandium	45-2	300679	300403	302752	301278	0.43	cps
Selenium	82-1	7096	7151	6878	7041	2.05	cps
Selenium	77-2	753	657	717	709	6.88	cps
Selenium	78-2	2687	2844	2424	2651	8.01	cps
Silicon	28-1	4682105	4892577	4781375	4785352	2.20	cps
Silver	107-1	166652	171912	172712	170425	1.93	cps
Silver	109-1	158018	160959	162639	160539	1.46	cps
Sodium	23-2	61194	61057	61874	61375	0.71	cps
Strontium	86-1	41204	42481	41702	41796	1.54	cps
Strontium	88-1	358564	366192	367933	364229	1.37	cps
Sulfur	34-1	190509	194022	190343	191625	1.08	cps
Terbium	159-1	5854650	5790170	5819631	5821483	0.55	cps
Terbium	159-2	3929012	3933406	3923154	3928524	0.13	cps
Thallium	203-1	132928	136703	135416	135015	1.42	cps
Thallium	205-1	313195	317135	318573	316301	0.88	cps
Tin	118-1	4131	4251	4017	4133	2.82	cps
Titanium	47-1	180686	184482	188348	184505	2.08	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB51SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:00:06	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2457	2484	2437	2459	0.95	cps
Vanadium	51-2	889317	888989	887539	888615	0.11	cps
Yttrium	89-1	9031960	9184449	9169418	9128609	0.92	cps
Yttrium	89-2	2382749	2362258	2373962	2372990	0.43	cps
Zinc	66-2	246330	242665	246629	245208	0.90	cps
Zirconium	90-1	15024	15825	15879	15576	3.07	cps
Zirconium	91-1	3577	3524	3457	3519	1.71	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10A	Instrumnet Name :	P7
Client Sample ID :	MYDB51ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:06:33	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5646132	5566412	5615968	5609504	0.72	cps
Antimony	121-1	13426	13763	14047	13746	2.26	cps
Arsenic	75-2	278180	278096	280308	278861	0.45	cps
Barium	135-1	492873	497824	503142	497946	1.03	cps
Barium	137-1	837909	860920	860854	853228	1.55	cps
Beryllium	9-1	947	843	930	907	6.12	cps
Bismuth	209-1	3525719	3536313	3221136	3427722	5.22	cps
Bismuth	209-2	2842753	2761836	2777715	2794101	1.53	cps
Bromine	81-1	8016	8446	8406	8289	2.87	cps
Bromine	81-2	497	510	480	496	3.03	cps
Cadmium	108-1	367	393	440	400	9.28	cps
Cadmium	106-1	1990	2190	1987	2056	5.67	cps
Cadmium	111-1	5480	5565	5520	5522	0.77	cps
Calcium	43-1	364373	370125	373794	369431	1.29	cps
Calcium	44-1	5795796	5851220	5823231	5823416	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	136138	135980	135660	135926	0.18	cps
Cobalt	59-2	128000	126777	129877	128218	1.22	cps
Copper	63-2	634410	634841	635428	634893	0.08	cps
Dysprosium	156-1	38783	39482	40368	39544	2.01	cps
Dysprosium	156-2	33620	32905	33129	33218	1.10	cps
Erbium	164-1	32548	33229	33223	33000	1.19	cps
Erbium	164-2	22234	22224	22722	22394	1.27	cps
Gadolinium	160-1	37724	38202	39917	38614	2.99	cps
Gadolinium	160-2	28011	27928	27624	27854	0.73	cps
Holmium	165-1	5808954	5827959	5292327	5643080	5.39	cps
Holmium	165-2	4157164	4001533	4022160	4060286	2.08	cps
Indium	115-1	5115260	5136776	4648054	4966697	5.56	cps
Indium	115-2	1820383	1762240	1807834	1796819	1.70	cps
Iron	56-2	197363737	197764584	197963830	197697384	0.15	cps
Iron	57-2	4975546	4909563	4922383	4935831	0.71	cps
Iron	54-2	10934085	10835672	10982523	10917427	0.69	cps
Krypton	83-1	327	257	307	297	12.15	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10A	Instrumnet Name :	P7
Client Sample ID :	MYDB51ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:06:33	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2154282	2168119	2181453	2167951	0.63	cps
Lead	207-1	1960864	1984749	1968029	1971214	0.62	cps
Lead	208-1	8765998	8791792	8852891	8803560	0.51	cps
Lithium	6-1	466544	461986	410908	446479	6.92	cps
Magnesium	24-2	3559771	3532912	3564547	3552410	0.48	cps
Manganese	55-2	4212360	4203135	4297375	4237623	1.23	cps
Molybdenum	94-1	28648	30041	30088	29592	2.76	cps
Molybdenum	95-1	3954	4097	4171	4074	2.71	cps
Molybdenum	96-1	10177	10587	10417	10394	1.98	cps
Molybdenum	97-1	2517	2380	2504	2467	3.06	cps
Molybdenum	98-1	6138	6171	6338	6216	1.72	cps
Neodymium	150-1	70468	72586	74358	72471	2.69	cps
Neodymium	150-2	41949	41772	41324	41681	0.77	cps
Nickel	60-2	44536	44075	44630	44413	0.67	cps
Phosphorus	31-2	21088	21819	22036	21648	2.29	cps
Potassium	39-2	2723789	2704664	2722979	2717144	0.40	cps
Rhodium	103-1	4998500	4976218	4571665	4848795	4.96	cps
Rhodium	103-2	3110220	2983597	2995949	3029922	2.30	cps
Scandium	45-1	3407868	3388992	3047204	3281355	6.19	cps
Scandium	45-2	329899	323742	320757	324799	1.44	cps
Selenium	82-1	467	621	569	552	14.17	cps
Selenium	77-2	180	143	163	162	11.31	cps
Selenium	78-2	507	637	627	590	12.26	cps
Silicon	28-1	22510281	23133379	23184347	22942669	1.64	cps
Silver	107-1	17294	18569	17858	17907	3.57	cps
Silver	109-1	15906	16413	17043	16454	3.46	cps
Sodium	23-2	135584	136112	137689	136462	0.80	cps
Strontium	86-1	187701	192564	194314	191526	1.79	cps
Strontium	88-1	1693246	1724566	1763063	1726958	2.02	cps
Sulfur	34-1	283278	283469	282578	283108	0.17	cps
Terbium	159-1	5996285	6088085	5534502	5872957	5.05	cps
Terbium	159-2	4101066	4065727	4024155	4063649	0.95	cps
Thallium	203-1	11518	11478	12112	11703	3.03	cps
Thallium	205-1	26215	27217	28019	27151	3.33	cps
Tin	118-1	15709	15375	16012	15699	2.03	cps
Titanium	47-1	868167	883104	896494	882588	1.61	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4314-10A	Instrumnet Name :	P7
Client Sample ID :	MYDB51ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:06:33	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9800	10247	10538	10195	3.64	cps
Vanadium	51-2	335958	336406	338165	336843	0.35	cps
Yttrium	89-1	9861064	9954800	8910527	9575463	6.03	cps
Yttrium	89-2	2634957	2591089	2553399	2593148	1.57	cps
Zinc	66-2	393268	390041	392602	391970	0.43	cps
Zirconium	90-1	73526	75470	76364	75120	1.93	cps
Zirconium	91-1	17077	16486	17607	17057	3.29	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:09:39	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1714133	1710870	1728437	1717813	0.54	cps
Antimony	121-1	1007	1020	1023	1017	0.87	cps
Arsenic	75-2	4304	4584	4521	4470	3.29	cps
Barium	135-1	132119	134697	134583	133800	1.09	cps
Barium	137-1	226145	235987	239076	233736	2.89	cps
Beryllium	9-1	307	327	297	310	4.93	cps
Bismuth	209-1	3330232	3322677	3294435	3315782	0.57	cps
Bismuth	209-2	2754967	2735425	2799855	2763416	1.20	cps
Bromine	81-1	6305	6255	6598	6386	2.91	cps
Bromine	81-2	127	160	150	146	11.75	cps
Cadmium	108-1	37	23	20	27	33.08	cps
Cadmium	106-1	1443	1480	1503	1476	2.05	cps
Cadmium	111-1	1101	1110	1192	1134	4.40	cps
Calcium	43-1	73594	74975	76331	74967	1.83	cps
Calcium	44-1	1223137	1169269	1217974	1203460	2.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31586	31740	31289	31539	0.73	cps
Cobalt	59-2	36855	37313	37330	37166	0.72	cps
Copper	63-2	60351	60810	60800	60653	0.43	cps
Dysprosium	156-1	12632	13120	12923	12892	1.90	cps
Dysprosium	156-2	10878	10668	11044	10863	1.74	cps
Erbium	164-1	10591	11185	10901	10892	2.73	cps
Erbium	164-2	7609	7292	7402	7434	2.16	cps
Gadolinium	160-1	12619	12836	12933	12796	1.26	cps
Gadolinium	160-2	9347	9210	9213	9256	0.84	cps
Holmium	165-1	5607248	5669679	5524934	5600620	1.30	cps
Holmium	165-2	3953190	3975951	4002201	3977114	0.62	cps
Indium	115-1	5009907	5015511	4850485	4958634	1.89	cps
Indium	115-2	1812179	1789440	1763233	1788284	1.37	cps
Iron	56-2	51768656	51625114	51858283	51750684	0.23	cps
Iron	57-2	1310544	1317265	1309881	1312564	0.31	cps
Iron	54-2	2849410	2874359	2857990	2860587	0.44	cps
Krypton	83-1	290	227	237	251	13.56	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:09:39	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22205	22045	23217	22489	2.83	cps
Lead	207-1	18106	19107	19147	18786	3.14	cps
Lead	208-1	84676	85243	87625	85848	1.82	cps
Lithium	6-1	438348	433150	439219	436906	0.75	cps
Magnesium	24-2	1068950	1068440	1072278	1069889	0.19	cps
Manganese	55-2	716425	715036	718397	716619	0.24	cps
Molybdenum	94-1	10554	10517	10441	10504	0.55	cps
Molybdenum	95-1	1094	843	833	923	15.97	cps
Molybdenum	96-1	3655	3084	3030	3256	10.63	cps
Molybdenum	97-1	907	487	417	603	43.94	cps
Molybdenum	98-1	1917	1107	1123	1383	33.52	cps
Neodymium	150-1	22578	23363	24074	23338	3.21	cps
Neodymium	150-2	13707	13523	14154	13795	2.35	cps
Nickel	60-2	10874	10544	10497	10638	1.93	cps
Phosphorus	31-2	4247	4251	4051	4183	2.74	cps
Potassium	39-2	362108	363586	363378	363024	0.22	cps
Rhodium	103-1	4750046	5024590	4882966	4885867	2.81	cps
Rhodium	103-2	3038443	2962649	3006792	3002628	1.27	cps
Scandium	45-1	3081580	3131849	3166071	3126500	1.36	cps
Scandium	45-2	300371	298706	302692	300590	0.67	cps
Selenium	82-1	303	414	379	365	15.62	cps
Selenium	77-2	50	57	57	54	7.07	cps
Selenium	78-2	377	370	463	403	12.91	cps
Silicon	28-1	4848768	5016925	4897203	4920966	1.76	cps
Silver	107-1	560	513	523	532	4.62	cps
Silver	109-1	533	460	413	469	12.90	cps
Sodium	23-2	68036	66580	67848	67488	1.17	cps
Strontium	86-1	44260	45988	45199	45149	1.92	cps
Strontium	88-1	382376	389005	392256	387879	1.30	cps
Sulfur	34-1	152563	152762	150280	151868	0.91	cps
Terbium	159-1	5767562	6090733	5981770	5946688	2.76	cps
Terbium	159-2	3877300	3889242	3932298	3899614	0.74	cps
Thallium	203-1	857	780	790	809	5.15	cps
Thallium	205-1	2004	1797	1697	1832	8.54	cps
Tin	118-1	3901	4294	4578	4257	7.99	cps
Titanium	47-1	172206	179897	177933	176679	2.26	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:09:39	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2697	2810	3127	2878	7.75	cps
Vanadium	51-2	89664	88200	88293	88719	0.92	cps
Yttrium	89-1	9045002	9070840	9137320	9084387	0.52	cps
Yttrium	89-2	2401920	2362372	2403436	2389243	0.97	cps
Zinc	66-2	19276	19593	20087	19652	2.08	cps
Zirconium	90-1	26601	28117	27967	27562	3.03	cps
Zirconium	91-1	6168	6305	6031	6168	2.22	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:12:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1766826	1763354	1754586	1761589	0.36	cps
Antimony	121-1	1197	1210	1250	1219	2.28	cps
Arsenic	75-2	4661	4547	4464	4557	2.17	cps
Barium	135-1	132113	134213	136200	134175	1.52	cps
Barium	137-1	232761	238692	244273	238575	2.41	cps
Beryllium	9-1	320	240	330	297	16.63	cps
Bismuth	209-1	3311834	3357371	3332771	3333992	0.68	cps
Bismuth	209-2	2782856	2738474	2809245	2776858	1.29	cps
Bromine	81-1	6568	7259	6682	6836	5.42	cps
Bromine	81-2	117	103	133	118	12.77	cps
Cadmium	108-1	33	50	43	42	19.87	cps
Cadmium	106-1	1433	1507	1513	1485	2.99	cps
Cadmium	111-1	1103	1140	1172	1139	3.03	cps
Calcium	43-1	74147	76026	76478	75550	1.64	cps
Calcium	44-1	1180048	1209968	1213596	1201204	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34119	34252	34640	34337	0.79	cps
Cobalt	59-2	37697	38700	38222	38206	1.31	cps
Copper	63-2	62289	63183	63196	62889	0.83	cps
Dysprosium	156-1	12976	13377	13437	13263	1.89	cps
Dysprosium	156-2	10951	11251	11411	11205	2.09	cps
Erbium	164-1	10814	10934	10711	10820	1.03	cps
Erbium	164-2	7719	7839	7602	7720	1.53	cps
Gadolinium	160-1	12803	13303	13090	13065	1.92	cps
Gadolinium	160-2	9603	9790	9573	9656	1.22	cps
Holmium	165-1	5637673	5713905	5609574	5653717	0.95	cps
Holmium	165-2	3984948	3954028	3995052	3978010	0.54	cps
Indium	115-1	4956480	4971757	4981515	4969917	0.25	cps
Indium	115-2	1762921	1777330	1787561	1775938	0.70	cps
Iron	56-2	52954621	52783904	52772344	52836956	0.19	cps
Iron	57-2	1336437	1340094	1346981	1341171	0.40	cps
Iron	54-2	2912590	2987924	2937067	2945861	1.30	cps
Krypton	83-1	223	227	223	224	0.86	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:12:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22552	22726	22449	22575	0.62	cps
Lead	207-1	18312	18603	20048	18988	4.90	cps
Lead	208-1	84836	86748	87418	86334	1.55	cps
Lithium	6-1	426373	439934	435460	433922	1.59	cps
Magnesium	24-2	1098610	1089151	1090811	1092857	0.46	cps
Manganese	55-2	734813	737544	739895	737417	0.34	cps
Molybdenum	94-1	10350	10944	10817	10704	2.92	cps
Molybdenum	95-1	843	1027	1037	969	11.23	cps
Molybdenum	96-1	3187	3187	3334	3236	2.62	cps
Molybdenum	97-1	550	573	690	604	12.41	cps
Molybdenum	98-1	1190	1367	1580	1379	14.16	cps
Neodymium	150-1	23333	23977	23740	23683	1.38	cps
Neodymium	150-2	14057	14044	14464	14188	1.68	cps
Nickel	60-2	10844	11131	10897	10957	1.39	cps
Phosphorus	31-2	4297	4207	4257	4254	1.06	cps
Potassium	39-2	370263	370415	368061	369580	0.36	cps
Rhodium	103-1	4983183	4839051	5056206	4959480	2.23	cps
Rhodium	103-2	2952911	2966982	3000581	2973491	0.82	cps
Scandium	45-1	3179118	3225588	3162147	3188951	1.03	cps
Scandium	45-2	304877	303533	303648	304019	0.24	cps
Selenium	82-1	335	340	363	346	4.36	cps
Selenium	77-2	23	60	33	39	48.75	cps
Selenium	78-2	490	390	463	448	11.56	cps
Silicon	28-1	4679719	4700783	4818851	4733118	1.58	cps
Silver	107-1	367	390	373	377	3.19	cps
Silver	109-1	337	377	400	371	8.63	cps
Sodium	23-2	66007	66536	65214	65919	1.01	cps
Strontium	86-1	46095	45467	47777	46446	2.57	cps
Strontium	88-1	387426	406369	402041	398612	2.49	cps
Sulfur	34-1	158185	156465	156330	156993	0.66	cps
Terbium	159-1	6056578	5797849	6117678	5990702	2.83	cps
Terbium	159-2	3953985	3940128	3985043	3959719	0.58	cps
Thallium	203-1	630	640	673	648	3.50	cps
Thallium	205-1	1360	1373	1427	1387	2.54	cps
Tin	118-1	3974	4204	4197	4125	3.17	cps
Titanium	47-1	178356	180403	187787	182182	2.72	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:12:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2917	3147	3034	3033	3.79	cps
Vanadium	51-2	89544	91090	90157	90264	0.86	cps
Yttrium	89-1	9204549	9114269	9128582	9149133	0.53	cps
Yttrium	89-2	2456532	2412598	2471677	2446936	1.25	cps
Zinc	66-2	29559	30431	29813	29934	1.50	cps
Zirconium	90-1	27940	28762	29246	28649	2.30	cps
Zirconium	91-1	6705	6645	6705	6685	0.52	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	336764	334101	331423	334096	0.80	cps
Antimony	121-1	273	320	270	288	9.71	cps
Arsenic	75-2	930	997	843	923	8.33	cps
Barium	135-1	25757	26642	26401	26266	1.74	cps
Barium	137-1	45242	44660	45760	45221	1.22	cps
Beryllium	9-1	73	67	97	79	19.97	cps
Bismuth	209-1	3308546	3432336	3314582	3351821	2.08	cps
Bismuth	209-2	2771929	2770202	2826478	2789536	1.15	cps
Bromine	81-1	6575	6582	6328	6495	2.22	cps
Bromine	81-2	93	73	70	79	16.00	cps
Cadmium	108-1	7	13	10	10	33.30	cps
Cadmium	106-1	1440	1217	1330	1329	8.40	cps
Cadmium	111-1	1047	879	954	960	8.75	cps
Calcium	43-1	14737	14971	15571	15093	2.85	cps
Calcium	44-1	252290	258119	260578	256996	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6925	6658	6738	6774	2.02	cps
Cobalt	59-2	7762	7402	7309	7491	3.20	cps
Copper	63-2	13153	13883	13226	13421	3.00	cps
Dysprosium	156-1	2817	2660	2634	2704	3.66	cps
Dysprosium	156-2	2110	2247	2264	2207	3.81	cps
Erbium	164-1	1883	2030	2104	2006	5.59	cps
Erbium	164-2	1557	1507	1450	1505	3.55	cps
Gadolinium	160-1	2304	2427	2624	2451	6.59	cps
Gadolinium	160-2	2000	2010	2054	2021	1.40	cps
Holmium	165-1	5624081	5616818	5643010	5627969	0.24	cps
Holmium	165-2	3943105	3926349	3990782	3953412	0.85	cps
Indium	115-1	5000389	5104094	4980114	5028199	1.32	cps
Indium	115-2	1802781	1774786	1769973	1782513	0.99	cps
Iron	56-2	10241348	10282719	10197953	10240674	0.41	cps
Iron	57-2	258841	260745	258901	259495	0.42	cps
Iron	54-2	580377	581010	578111	579833	0.26	cps
Krypton	83-1	190	267	210	222	17.90	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4654	4874	4567	4699	3.37	cps
Lead	207-1	3884	4011	4037	3977	2.06	cps
Lead	208-1	18011	18125	18078	18071	0.32	cps
Lithium	6-1	440326	447285	452993	446868	1.42	cps
Magnesium	24-2	212874	212554	209539	211655	0.87	cps
Manganese	55-2	143147	141831	141276	142085	0.68	cps
Molybdenum	94-1	2374	2297	2280	2317	2.15	cps
Molybdenum	95-1	507	467	507	493	4.68	cps
Molybdenum	96-1	957	970	970	966	0.80	cps
Molybdenum	97-1	307	263	290	287	7.62	cps
Molybdenum	98-1	653	777	680	703	9.23	cps
Neodymium	150-1	4674	4708	4437	4606	3.20	cps
Neodymium	150-2	2857	2740	2544	2714	5.84	cps
Nickel	60-2	2420	2330	2210	2320	4.54	cps
Phosphorus	31-2	877	937	887	900	3.57	cps
Potassium	39-2	140579	139442	139310	139777	0.50	cps
Rhodium	103-1	4883598	4863825	4912565	4886663	0.50	cps
Rhodium	103-2	2986615	3006336	3005897	2999616	0.38	cps
Scandium	45-1	3095763	3106231	3174563	3125519	1.37	cps
Scandium	45-2	299976	296747	294329	297017	0.95	cps
Selenium	82-1	336	270	365	324	15.01	cps
Selenium	77-2	7	13	13	11	34.61	cps
Selenium	78-2	390	340	360	363	6.93	cps
Silicon	28-1	1262350	1254281	1247456	1254696	0.59	cps
Silver	107-1	220	157	193	190	16.73	cps
Silver	109-1	150	157	170	159	6.41	cps
Sodium	23-2	46641	46761	45233	46211	1.84	cps
Strontium	86-1	9310	9386	9677	9458	2.05	cps
Strontium	88-1	79782	80727	80871	80460	0.74	cps
Sulfur	34-1	157357	155754	154966	156026	0.78	cps
Terbium	159-1	5773439	5889012	5822485	5828312	1.00	cps
Terbium	159-2	3941255	3932655	3928298	3934069	0.17	cps
Thallium	203-1	343	337	330	337	1.98	cps
Thallium	205-1	737	770	820	776	5.41	cps
Tin	118-1	1643	1867	1957	1822	8.85	cps
Titanium	47-1	33524	34917	34903	34448	2.32	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	620	697	683	667	6.14	cps
Vanadium	51-2	17590	17006	17307	17301	1.69	cps
Yttrium	89-1	8928719	9020891	8998753	8982788	0.54	cps
Yttrium	89-2	2417799	2386482	2385423	2396568	0.77	cps
Zinc	66-2	4247	4394	4281	4307	1.79	cps
Zirconium	90-1	5671	5861	5454	5662	3.60	cps
Zirconium	91-1	1167	1220	1333	1240	6.86	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:19:23	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1752795	1728019	1711932	1730916	1.19	cps
Antimony	121-1	95777	100713	99794	98761	2.66	cps
Arsenic	75-2	6832	6845	6982	6886	1.21	cps
Barium	135-1	550240	569064	557396	558900	1.70	cps
Barium	137-1	947069	968257	1009364	974896	3.25	cps
Beryllium	9-1	5454	5511	5568	5511	1.03	cps
Bismuth	209-1	3267547	3509195	3293811	3356851	3.95	cps
Bismuth	209-2	2741013	2752902	2713052	2735656	0.75	cps
Bromine	81-1	6768	6688	7115	6857	3.31	cps
Bromine	81-2	140	123	103	122	15.02	cps
Cadmium	108-1	757	860	853	823	7.02	cps
Cadmium	106-1	2567	2560	2500	2542	1.44	cps
Cadmium	111-1	12535	13849	13261	13215	4.98	cps
Calcium	43-1	74763	78384	76130	76426	2.39	cps
Calcium	44-1	1170716	1253446	1207118	1210427	3.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124835	123925	123790	124183	0.46	cps
Cobalt	59-2	380242	379884	377162	379096	0.44	cps
Copper	63-2	178242	177641	180144	178676	0.73	cps
Dysprosium	156-1	12189	12983	12442	12538	3.23	cps
Dysprosium	156-2	10981	10791	10904	10892	0.88	cps
Erbium	164-1	10337	10691	10651	10560	1.83	cps
Erbium	164-2	7209	7319	7185	7238	0.98	cps
Gadolinium	160-1	12372	12102	13176	12550	4.45	cps
Gadolinium	160-2	8976	9493	9196	9222	2.81	cps
Holmium	165-1	5499656	5484825	5576271	5520251	0.89	cps
Holmium	165-2	3873449	3885001	3919581	3892677	0.62	cps
Indium	115-1	4949214	4955697	4900993	4935301	0.61	cps
Indium	115-2	1819494	1806311	1795088	1806964	0.68	cps
Iron	56-2	51829771	51577026	51576121	51660973	0.28	cps
Iron	57-2	1313090	1303334	1308285	1308236	0.37	cps
Iron	54-2	2895871	2897407	2844268	2879182	1.05	cps
Krypton	83-1	247	240	207	231	9.27	cps

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:19:23	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32459	33267	32950	32892	1.24	cps
Lead	207-1	27481	27388	28299	27723	1.81	cps
Lead	208-1	125544	129277	128462	127761	1.54	cps
Lithium	6-1	427883	449069	435703	437552	2.45	cps
Magnesium	24-2	1060164	1056051	1052557	1056257	0.36	cps
Manganese	55-2	877593	878790	872081	876155	0.41	cps
Molybdenum	94-1	10137	10761	10827	10575	3.60	cps
Molybdenum	95-1	733	797	757	762	4.20	cps
Molybdenum	96-1	2804	3047	2970	2940	4.23	cps
Molybdenum	97-1	470	450	453	458	2.34	cps
Molybdenum	98-1	1107	1163	1170	1147	3.03	cps
Neodymium	150-1	21964	24211	23076	23083	4.87	cps
Neodymium	150-2	13550	13540	13697	13596	0.65	cps
Nickel	60-2	99595	97900	97521	98339	1.12	cps
Phosphorus	31-2	4221	4087	4044	4117	2.24	cps
Potassium	39-2	361148	361191	360446	360929	0.12	cps
Rhodium	103-1	4788767	4874141	4842701	4835203	0.89	cps
Rhodium	103-2	2989721	3019828	2986317	2998622	0.62	cps
Scandium	45-1	3108796	3198611	3111010	3139472	1.63	cps
Scandium	45-2	302009	298687	300106	300268	0.56	cps
Selenium	82-1	2125	2133	2098	2119	0.86	cps
Selenium	77-2	280	210	207	232	17.83	cps
Selenium	78-2	1097	1083	1103	1094	0.93	cps
Silicon	28-1	4666107	4712235	4707876	4695406	0.54	cps
Silver	107-1	46695	49076	47601	47791	2.51	cps
Silver	109-1	43756	44448	47645	45283	4.58	cps
Sodium	23-2	66459	66285	67105	66617	0.65	cps
Strontium	86-1	43310	44537	44995	44281	1.97	cps
Strontium	88-1	377336	390564	392770	386890	2.16	cps
Sulfur	34-1	152162	150893	150418	151158	0.60	cps
Terbium	159-1	5711306	5763525	5866780	5780537	1.37	cps
Terbium	159-2	3868344	3897974	3929932	3898750	0.79	cps
Thallium	203-1	34063	33638	35259	34320	2.45	cps
Thallium	205-1	80077	84064	82699	82280	2.46	cps
Tin	118-1	8443	8756	8819	8673	2.33	cps
Titanium	47-1	169928	173337	173624	172296	1.19	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:19:23	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2917	2914	3177	3003	5.03	cps
Vanadium	51-2	292217	289513	289894	290542	0.50	cps
Yttrium	89-1	8931425	9663516	9045034	9213325	4.28	cps
Yttrium	89-2	2420048	2411001	2432454	2421168	0.44	cps
Zinc	66-2	71859	70954	70880	71231	0.76	cps
Zirconium	90-1	26895	27903	27616	27471	1.89	cps
Zirconium	91-1	5961	6241	6261	6155	2.73	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:22:36	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1823014	1847867	1815933	1828938	0.92	cps
Antimony	121-1	404931	413398	420301	412877	1.86	cps
Arsenic	75-2	15191	15335	14968	15165	1.22	cps
Barium	135-1	2145748	2178909	2219488	2181382	1.69	cps
Barium	137-1	3659500	3767194	3776222	3734305	1.74	cps
Beryllium	9-1	22289	23127	23034	22817	2.01	cps
Bismuth	209-1	3295830	3335019	3362095	3330981	1.00	cps
Bismuth	209-2	2761024	2737215	2735446	2744562	0.52	cps
Bromine	81-1	6348	6381	6768	6499	3.59	cps
Bromine	81-2	117	133	110	120	10.02	cps
Cadmium	108-1	3287	3527	3387	3400	3.55	cps
Cadmium	106-1	5745	6018	6205	5989	3.86	cps
Cadmium	111-1	50000	50813	52119	50978	2.10	cps
Calcium	43-1	70647	72727	72315	71896	1.53	cps
Calcium	44-1	1162428	1195296	1199770	1185831	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	435689	433798	433800	434429	0.25	cps
Cobalt	59-2	1579538	1584569	1571796	1578634	0.41	cps
Copper	63-2	567171	568641	566348	567387	0.20	cps
Dysprosium	156-1	12142	12759	12519	12473	2.49	cps
Dysprosium	156-2	10671	10571	10561	10601	0.57	cps
Erbium	164-1	10277	10257	10567	10367	1.67	cps
Erbium	164-2	7199	7102	7065	7122	0.97	cps
Gadolinium	160-1	11838	12162	12105	12035	1.44	cps
Gadolinium	160-2	8993	8779	9016	8930	1.46	cps
Holmium	165-1	5513668	5689810	5533055	5578844	1.73	cps
Holmium	165-2	3964189	3934756	3899985	3932976	0.82	cps
Indium	115-1	4960615	5002192	4969507	4977438	0.44	cps
Indium	115-2	1762775	1773977	1773688	1770147	0.36	cps
Iron	56-2	51952894	51454429	51396853	51601392	0.59	cps
Iron	57-2	1312849	1302702	1303758	1306436	0.43	cps
Iron	54-2	2895901	2863589	2907083	2888857	0.78	cps
Krypton	83-1	217	273	247	246	11.55	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:22:36	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	66857	68374	68294	67842	1.26	cps
Lead	207-1	56055	58338	58636	57676	2.45	cps
Lead	208-1	261088	270263	266687	266013	1.74	cps
Lithium	6-1	440472	439405	440928	440268	0.18	cps
Magnesium	24-2	1026795	1030274	1026332	1027801	0.21	cps
Manganese	55-2	1404201	1399807	1393252	1399087	0.39	cps
Molybdenum	94-1	10137	10250	10477	10288	1.68	cps
Molybdenum	95-1	770	703	833	769	8.45	cps
Molybdenum	96-1	3000	2860	3004	2955	2.77	cps
Molybdenum	97-1	417	503	457	459	9.45	cps
Molybdenum	98-1	1167	1170	1203	1180	1.72	cps
Neodymium	150-1	22121	22421	22782	22441	1.47	cps
Neodymium	150-2	13103	13353	13457	13304	1.37	cps
Nickel	60-2	391444	391947	392453	391948	0.13	cps
Phosphorus	31-2	3901	4007	4017	3975	1.63	cps
Potassium	39-2	349121	350423	351125	350223	0.29	cps
Rhodium	103-1	4755555	4897160	4879861	4844192	1.59	cps
Rhodium	103-2	2959245	2990440	2961087	2970257	0.59	cps
Scandium	45-1	3112159	3185718	3120567	3139482	1.28	cps
Scandium	45-2	303813	301796	303497	303035	0.36	cps
Selenium	82-1	6687	6700	6848	6745	1.32	cps
Selenium	77-2	753	620	647	673	10.48	cps
Selenium	78-2	2624	2764	2734	2707	2.72	cps
Silicon	28-1	4516202	4580089	4637816	4578035	1.33	cps
Silver	107-1	159096	162773	164357	162075	1.67	cps
Silver	109-1	151647	153531	154815	153331	1.04	cps
Sodium	23-2	61747	61874	62228	61950	0.40	cps
Strontium	86-1	42060	43474	42976	42837	1.67	cps
Strontium	88-1	367985	379186	380117	375763	1.80	cps
Sulfur	34-1	148096	147830	146962	147629	0.40	cps
Terbium	159-1	5785907	5773402	5822316	5793875	0.44	cps
Terbium	159-2	3932974	3909127	3890313	3910805	0.55	cps
Thallium	203-1	144700	147565	147234	146499	1.07	cps
Thallium	205-1	337307	347334	347746	344129	1.72	cps
Tin	118-1	3597	3881	3854	3777	4.14	cps
Titanium	47-1	165040	168342	170981	168121	1.77	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:22:36	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2647	2717	2574	2646	2.71	cps
Vanadium	51-2	976205	970555	975695	974152	0.32	cps
Yttrium	89-1	8968806	9205299	9249689	9141265	1.65	cps
Yttrium	89-2	2384119	2410968	2419119	2404735	0.76	cps
Zinc	66-2	190520	188963	190284	189922	0.44	cps
Zirconium	90-1	26016	26240	26888	26382	1.72	cps
Zirconium	91-1	5838	6005	6165	6002	2.72	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16A	Instrumnet Name :	P7
Client Sample ID :	MYDB88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:25:47	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7049589	7144384	7179096	7124356	0.94	cps
Antimony	121-1	3240	3320	3407	3323	2.51	cps
Arsenic	75-2	18922	18345	18752	18673	1.59	cps
Barium	135-1	545679	559008	558767	554485	1.38	cps
Barium	137-1	933753	950914	954185	946284	1.16	cps
Beryllium	9-1	1077	1040	1213	1110	8.23	cps
Bismuth	209-1	3392606	3435125	3444469	3424067	0.81	cps
Bismuth	209-2	2789224	2715591	2775925	2760247	1.42	cps
Bromine	81-1	7409	7195	7692	7432	3.35	cps
Bromine	81-2	347	447	357	383	14.37	cps
Cadmium	108-1	113	117	97	109	9.84	cps
Cadmium	106-1	1887	1707	1560	1718	9.53	cps
Cadmium	111-1	1685	1576	1441	1567	7.79	cps
Calcium	43-1	302699	312305	308816	307940	1.58	cps
Calcium	44-1	4807403	5010347	4911792	4909847	2.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129531	129508	129807	129615	0.13	cps
Cobalt	59-2	154870	155875	155904	155550	0.38	cps
Copper	63-2	247360	246375	248200	247312	0.37	cps
Dysprosium	156-1	52002	53752	53227	52994	1.69	cps
Dysprosium	156-2	45136	45213	44718	45022	0.59	cps
Erbium	164-1	44313	46009	45360	45228	1.89	cps
Erbium	164-2	30767	30397	30994	30719	0.98	cps
Gadolinium	160-1	51959	52388	52006	52118	0.45	cps
Gadolinium	160-2	37955	37727	38366	38016	0.85	cps
Holmium	165-1	5773191	5683633	5770561	5742462	0.89	cps
Holmium	165-2	4011446	3992307	3962569	3988774	0.62	cps
Indium	115-1	5144281	5112527	5059843	5105550	0.84	cps
Indium	115-2	1754614	1750276	1762218	1755703	0.34	cps
Iron	56-2	215345903	218961850	217784077	217363943	0.85	cps
Iron	57-2	5341154	5342733	5395927	5359938	0.58	cps
Iron	54-2	11984162	11943848	12016109	11981373	0.30	cps
Krypton	83-1	247	297	340	294	15.86	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16A	Instrumnet Name :	P7
Client Sample ID :	MYDB88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:25:47	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	87707	89824	90878	89470	1.80	cps
Lead	207-1	72637	74158	75267	74021	1.78	cps
Lead	208-1	337319	343618	347457	342798	1.49	cps
Lithium	6-1	437925	434726	429984	434212	0.92	cps
Magnesium	24-2	4395128	4377079	4374671	4382293	0.26	cps
Manganese	55-2	3005974	3020987	2980592	3002517	0.68	cps
Molybdenum	94-1	40316	41733	41298	41115	1.77	cps
Molybdenum	95-1	2477	2610	2827	2638	6.70	cps
Molybdenum	96-1	10741	11351	11194	11095	2.86	cps
Molybdenum	97-1	1660	1787	1667	1705	4.18	cps
Molybdenum	98-1	3957	4037	4254	4083	3.76	cps
Neodymium	150-1	92880	96424	98091	95798	2.78	cps
Neodymium	150-2	56566	56526	55850	56314	0.71	cps
Nickel	60-2	44466	44673	44442	44527	0.29	cps
Phosphorus	31-2	16479	16469	16629	16526	0.54	cps
Potassium	39-2	1183320	1193163	1201782	1192755	0.77	cps
Rhodium	103-1	4887475	4894616	4885282	4889125	0.10	cps
Rhodium	103-2	3002739	2937910	2960227	2966959	1.11	cps
Scandium	45-1	3352583	3335374	3422499	3370152	1.37	cps
Scandium	45-2	322732	322096	321679	322169	0.16	cps
Selenium	82-1	429	481	402	437	9.21	cps
Selenium	77-2	213	233	197	214	8.56	cps
Selenium	78-2	457	540	513	503	8.46	cps
Silicon	28-1	21418245	21399539	21476865	21431549	0.19	cps
Silver	107-1	10390	10410	10110	10304	1.63	cps
Silver	109-1	9330	9356	8966	9217	2.37	cps
Sodium	23-2	134340	137534	136434	136103	1.19	cps
Strontium	86-1	181972	185914	186814	184900	1.39	cps
Strontium	88-1	1671852	1658810	1688492	1673051	0.89	cps
Sulfur	34-1	142187	142780	141430	142132	0.48	cps
Terbium	159-1	5960571	5957754	5988229	5968851	0.28	cps
Terbium	159-2	3951094	3941273	4005528	3965965	0.87	cps
Thallium	203-1	1270	1270	1450	1330	7.81	cps
Thallium	205-1	2907	3230	3030	3056	5.34	cps
Tin	118-1	12442	12949	12622	12671	2.03	cps
Titanium	47-1	733316	750153	758536	747335	1.72	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4316-16A	Instrumnet Name :	P7
Client Sample ID :	MYDB88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:25:47	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11532	11939	11615	11695	1.84	cps
Vanadium	51-2	371789	370241	370654	370895	0.22	cps
Yttrium	89-1	10109864	9998603	10022062	10043510	0.58	cps
Yttrium	89-2	2627377	2626725	2640419	2631507	0.29	cps
Zinc	66-2	82781	82410	80211	81800	1.70	cps
Zirconium	90-1	105684	109055	109727	108156	2.00	cps
Zirconium	91-1	23649	24450	24000	24033	1.67	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:28:55	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1229444	1206069	1216026	1217180	0.96	cps
Antimony	121-1	2380	2510	2360	2417	3.37	cps
Arsenic	75-2	7322	7395	7475	7397	1.04	cps
Barium	135-1	119947	121096	126449	122497	2.83	cps
Barium	137-1	204653	209834	207142	207210	1.25	cps
Beryllium	9-1	163	257	187	202	24.02	cps
Bismuth	209-1	3473335	3355477	3313104	3380639	2.46	cps
Bismuth	209-2	2764624	2739962	2807768	2770785	1.24	cps
Bromine	81-1	7339	7105	7092	7178	1.93	cps
Bromine	81-2	210	210	187	202	6.66	cps
Cadmium	108-1	53	80	53	62	24.75	cps
Cadmium	106-1	1523	1447	1437	1469	3.23	cps
Cadmium	111-1	1769	1637	1655	1687	4.25	cps
Calcium	43-1	118153	121241	119745	119713	1.29	cps
Calcium	44-1	1890616	1854324	1946341	1897093	2.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51785	51588	51909	51761	0.31	cps
Cobalt	59-2	34654	34811	35318	34927	0.99	cps
Copper	63-2	249307	251409	248976	249897	0.53	cps
Dysprosium	156-1	7572	8102	8329	8001	4.86	cps
Dysprosium	156-2	6938	6972	7045	6985	0.78	cps
Erbium	164-1	6632	6718	6942	6764	2.37	cps
Erbium	164-2	4617	4607	4738	4654	1.55	cps
Gadolinium	160-1	7279	7939	7642	7620	4.34	cps
Gadolinium	160-2	5591	5491	5715	5599	2.00	cps
Holmium	165-1	5496568	5630772	5930938	5686092	3.91	cps
Holmium	165-2	3909631	3904560	3992364	3935518	1.25	cps
Indium	115-1	4950317	4927613	5249243	5042391	3.56	cps
Indium	115-2	1771221	1751070	1757364	1759885	0.59	cps
Iron	56-2	42340196	42371264	42019851	42243770	0.46	cps
Iron	57-2	1075897	1078593	1073299	1075930	0.25	cps
Iron	54-2	2369546	2352264	2358045	2359952	0.37	cps
Krypton	83-1	223	277	277	259	11.89	cps

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:28:55	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	163103	164134	172205	166481	2.99	cps
Lead	207-1	135279	137723	140224	137742	1.80	cps
Lead	208-1	634513	652759	646230	644501	1.43	cps
Lithium	6-1	470695	437734	457264	455231	3.64	cps
Magnesium	24-2	948988	961365	952833	954395	0.66	cps
Manganese	55-2	605433	608731	607899	607354	0.28	cps
Molybdenum	94-1	5778	6011	5684	5825	2.89	cps
Molybdenum	95-1	953	843	1017	938	9.35	cps
Molybdenum	96-1	2164	2174	2257	2198	2.33	cps
Molybdenum	97-1	620	547	670	612	10.13	cps
Molybdenum	98-1	1387	1473	1447	1436	3.09	cps
Neodymium	150-1	14488	14484	13954	14308	2.15	cps
Neodymium	150-2	8433	8419	8556	8469	0.89	cps
Nickel	60-2	14641	14601	14841	14694	0.88	cps
Phosphorus	31-2	4327	4517	4341	4395	2.41	cps
Potassium	39-2	707669	709025	705178	707290	0.28	cps
Rhodium	103-1	4688901	4721237	4809997	4740045	1.32	cps
Rhodium	103-2	2980755	2969719	3018126	2989533	0.85	cps
Scandium	45-1	3114023	3120988	3242223	3159078	2.28	cps
Scandium	45-2	298363	296788	300258	298470	0.58	cps
Selenium	82-1	345	346	341	344	0.76	cps
Selenium	77-2	43	30	27	33	26.45	cps
Selenium	78-2	347	423	353	374	11.34	cps
Silicon	28-1	4021025	4110295	4284918	4138746	3.24	cps
Silver	107-1	1553	1483	1513	1517	2.32	cps
Silver	109-1	1347	1403	1480	1410	4.75	cps
Sodium	23-2	114751	115523	116480	115584	0.75	cps
Strontium	86-1	50219	51750	52858	51609	2.57	cps
Strontium	88-1	441247	463808	446773	450609	2.61	cps
Sulfur	34-1	154821	153801	154545	154389	0.34	cps
Terbium	159-1	5699045	5712489	5724356	5711963	0.22	cps
Terbium	159-2	3942400	3887027	3984536	3937987	1.24	cps
Thallium	203-1	610	577	643	610	5.47	cps
Thallium	205-1	1697	1553	1403	1551	9.46	cps
Tin	118-1	39310	40781	40610	40234	2.00	cps
Titanium	47-1	197330	201499	208423	202417	2.77	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:28:55	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2777	2894	2804	2825	2.16	cps
Vanadium	51-2	88447	87847	86825	87706	0.94	cps
Yttrium	89-1	9314376	9052435	8922296	9096369	2.20	cps
Yttrium	89-2	2418826	2401040	2386499	2402121	0.67	cps
Zinc	66-2	54887	55500	54864	55083	0.65	cps
Zirconium	90-1	14641	14831	15485	14986	2.95	cps
Zirconium	91-1	3187	3494	3240	3307	4.96	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:32:10	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1248947	1205616	1214349	1222971	1.87	cps
Antimony	121-1	2717	2617	2517	2617	3.82	cps
Arsenic	75-2	7015	7462	7369	7282	3.24	cps
Barium	135-1	119331	122326	121341	121000	1.26	cps
Barium	137-1	213420	208369	221733	214507	3.15	cps
Beryllium	9-1	240	223	203	222	8.26	cps
Bismuth	209-1	3318910	3487363	3385176	3397150	2.50	cps
Bismuth	209-2	2825354	2746955	2754759	2775689	1.56	cps
Bromine	81-1	7192	7842	7048	7361	5.75	cps
Bromine	81-2	230	213	257	233	9.37	cps
Cadmium	108-1	57	67	60	61	8.33	cps
Cadmium	106-1	1537	1360	1587	1495	7.97	cps
Cadmium	111-1	1716	1662	1855	1745	5.72	cps
Calcium	43-1	116339	122874	118996	119403	2.75	cps
Calcium	44-1	1833576	1870142	1905168	1869629	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51277	51705	50885	51289	0.80	cps
Cobalt	59-2	35605	35061	35836	35501	1.12	cps
Copper	63-2	259906	255062	254920	256629	1.11	cps
Dysprosium	156-1	8019	7906	7956	7960	0.71	cps
Dysprosium	156-2	6642	6712	6738	6697	0.75	cps
Erbium	164-1	6662	6772	6748	6727	0.86	cps
Erbium	164-2	4708	4594	4858	4720	2.80	cps
Gadolinium	160-1	7322	7709	7806	7612	3.36	cps
Gadolinium	160-2	5541	5511	5631	5561	1.12	cps
Holmium	165-1	5716860	5675436	5528746	5640348	1.75	cps
Holmium	165-2	3948538	3904312	4021759	3958203	1.50	cps
Indium	115-1	4981698	5046502	4956548	4994916	0.93	cps
Indium	115-2	1802030	1790912	1771230	1788057	0.87	cps
Iron	56-2	43108399	43301731	42916764	43108965	0.45	cps
Iron	57-2	1094471	1098689	1098735	1097299	0.22	cps
Iron	54-2	2421347	2421377	2414683	2419136	0.16	cps
Krypton	83-1	213	213	243	223	7.76	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:32:10	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	158134	162611	161321	160689	1.43	cps
Lead	207-1	141280	134138	144088	139836	3.67	cps
Lead	208-1	619536	642356	633165	631686	1.82	cps
Lithium	6-1	425036	455192	432334	437521	3.60	cps
Magnesium	24-2	974813	965882	964324	968340	0.58	cps
Manganese	55-2	617043	616232	614330	615868	0.23	cps
Molybdenum	94-1	5795	5901	5905	5867	1.07	cps
Molybdenum	95-1	1123	1237	1267	1209	6.25	cps
Molybdenum	96-1	2520	2580	2740	2614	4.35	cps
Molybdenum	97-1	763	707	740	737	3.87	cps
Molybdenum	98-1	1703	1780	1893	1792	5.33	cps
Neodymium	150-1	13800	14654	14294	14250	3.01	cps
Neodymium	150-2	8589	8543	8666	8599	0.72	cps
Nickel	60-2	14938	14697	14544	14726	1.35	cps
Phosphorus	31-2	4511	4537	4457	4502	0.91	cps
Potassium	39-2	713190	713220	712992	713134	0.02	cps
Rhodium	103-1	5112086	4794820	5072189	4993032	3.46	cps
Rhodium	103-2	3003581	2994177	3015214	3004324	0.35	cps
Scandium	45-1	3058892	3171284	3151090	3127089	1.92	cps
Scandium	45-2	299565	301257	299834	300218	0.30	cps
Selenium	82-1	350	420	358	376	10.23	cps
Selenium	77-2	20	30	30	27	21.65	cps
Selenium	78-2	357	367	407	377	7.03	cps
Silicon	28-1	3772489	3768263	3807566	3782773	0.57	cps
Silver	107-1	1413	1713	1563	1563	9.60	cps
Silver	109-1	1550	1377	1490	1472	5.98	cps
Sodium	23-2	115543	116251	114895	115563	0.59	cps
Strontium	86-1	54628	52406	53420	53485	2.08	cps
Strontium	88-1	445509	471043	459067	458539	2.79	cps
Sulfur	34-1	158950	157859	158587	158465	0.35	cps
Terbium	159-1	6169333	5724450	6288173	6060652	4.90	cps
Terbium	159-2	3941574	3889674	3999877	3943708	1.40	cps
Thallium	203-1	570	497	677	581	15.58	cps
Thallium	205-1	1263	1377	1417	1352	5.88	cps
Tin	118-1	51408	48792	51856	50686	3.26	cps
Titanium	47-1	205247	201366	205570	204061	1.15	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:32:10	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2800	2927	2910	2879	2.39	cps
Vanadium	51-2	89480	88260	87964	88568	0.91	cps
Yttrium	89-1	8971724	9281984	8970306	9074671	1.98	cps
Yttrium	89-2	2383189	2425640	2425167	2411332	1.01	cps
Zinc	66-2	56035	55560	55827	55807	0.43	cps
Zirconium	90-1	14107	14541	14424	14357	1.56	cps
Zirconium	91-1	3144	3127	3474	3248	6.02	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDBA0L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:35:22	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	239432	236866	238285	238194	0.54	cps
Antimony	121-1	507	593	533	544	8.15	cps
Arsenic	75-2	1440	1397	1467	1435	2.46	cps
Barium	135-1	23770	24545	24237	24184	1.61	cps
Barium	137-1	41564	41982	41708	41751	0.51	cps
Beryllium	9-1	47	47	50	48	4.02	cps
Bismuth	209-1	3044546	3392293	3372356	3269732	5.97	cps
Bismuth	209-2	2807684	2891994	2804277	2834652	1.75	cps
Bromine	81-1	6695	6852	6712	6753	1.27	cps
Bromine	81-2	120	120	97	112	12.00	cps
Cadmium	108-1	13	20	23	19	26.96	cps
Cadmium	106-1	1320	1457	1467	1415	5.79	cps
Cadmium	111-1	1071	1106	1167	1115	4.35	cps
Calcium	43-1	24019	24677	23966	24221	1.64	cps
Calcium	44-1	404203	410816	409908	408309	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11134	10324	11081	10846	4.18	cps
Cobalt	59-2	6905	6825	6815	6848	0.72	cps
Copper	63-2	50656	51177	49866	50566	1.31	cps
Dysprosium	156-1	1663	1780	1630	1691	4.66	cps
Dysprosium	156-2	1247	1413	1343	1335	6.27	cps
Erbium	164-1	1320	1433	1360	1371	4.19	cps
Erbium	164-2	847	1077	947	957	12.06	cps
Gadolinium	160-1	1487	1447	1533	1489	2.91	cps
Gadolinium	160-2	1210	1137	1120	1156	4.14	cps
Holmium	165-1	5027085	5697759	5761696	5495513	7.40	cps
Holmium	165-2	4008167	4053613	3973148	4011643	1.01	cps
Indium	115-1	4497448	5106832	5034982	4879754	6.82	cps
Indium	115-2	1780298	1785714	1763308	1776440	0.66	cps
Iron	56-2	8304910	8286095	8350007	8313671	0.40	cps
Iron	57-2	214115	213184	214206	213835	0.26	cps
Iron	54-2	474352	473848	474112	474104	0.05	cps
Krypton	83-1	227	260	173	220	19.87	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDBA0L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:35:22	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32251	33124	32856	32744	1.36	cps
Lead	207-1	28016	28189	28604	28270	1.07	cps
Lead	208-1	127636	128739	128983	128453	0.56	cps
Lithium	6-1	409068	455963	459065	441365	6.35	cps
Magnesium	24-2	188885	188002	188291	188392	0.24	cps
Manganese	55-2	120430	121059	120256	120582	0.35	cps
Molybdenum	94-1	1403	1313	1300	1339	4.20	cps
Molybdenum	95-1	313	290	270	291	7.45	cps
Molybdenum	96-1	600	557	643	600	7.22	cps
Molybdenum	97-1	167	147	260	191	31.65	cps
Molybdenum	98-1	423	397	470	430	8.63	cps
Neodymium	150-1	2850	2820	2754	2808	1.76	cps
Neodymium	150-2	1563	1547	1543	1551	0.69	cps
Nickel	60-2	2950	3087	2870	2969	3.69	cps
Phosphorus	31-2	953	1037	913	968	6.50	cps
Potassium	39-2	207454	206105	205491	206350	0.49	cps
Rhodium	103-1	4395900	4970955	5008641	4791832	7.17	cps
Rhodium	103-2	3007792	2995721	2989142	2997552	0.32	cps
Scandium	45-1	2840540	3163072	3164039	3055883	6.10	cps
Scandium	45-2	296744	295854	295470	296023	0.22	cps
Selenium	82-1	347	283	381	337	14.73	cps
Selenium	77-2	3	13	10	9	57.30	cps
Selenium	78-2	380	403	373	386	4.09	cps
Silicon	28-1	1039162	1050553	1048982	1046232	0.59	cps
Silver	107-1	363	327	373	354	6.93	cps
Silver	109-1	283	327	337	316	8.98	cps
Sodium	23-2	55132	54747	53968	54615	1.09	cps
Strontium	86-1	11211	10881	11031	11041	1.50	cps
Strontium	88-1	91110	92351	91707	91723	0.68	cps
Sulfur	34-1	157350	157266	155262	156626	0.75	cps
Terbium	159-1	5268788	5869164	5918341	5685431	6.36	cps
Terbium	159-2	3913559	3994506	3855951	3921339	1.78	cps
Thallium	203-1	317	263	293	291	9.18	cps
Thallium	205-1	680	640	610	643	5.46	cps
Tin	118-1	9006	9296	9393	9232	2.18	cps
Titanium	47-1	40889	41143	41637	41223	0.92	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDBA0L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:35:22	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	607	623	550	593	6.48	cps
Vanadium	51-2	17560	17193	17093	17282	1.42	cps
Yttrium	89-1	8072946	9055973	8944630	8691183	6.19	cps
Yttrium	89-2	2383124	2352705	2358296	2364708	0.68	cps
Zinc	66-2	11338	11364	10464	11055	4.64	cps
Zirconium	90-1	3280	3547	3380	3403	3.96	cps
Zirconium	91-1	693	773	687	718	6.72	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:38:40	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1270797	1236818	1250700	1252772	1.36	cps
Antimony	121-1	94448	101344	97954	97915	3.52	cps
Arsenic	75-2	9563	9597	9563	9574	0.20	cps
Barium	135-1	609644	597774	615802	607740	1.51	cps
Barium	137-1	1021226	1036468	1041644	1033113	1.03	cps
Beryllium	9-1	6161	6101	6088	6117	0.64	cps
Bismuth	209-1	3237723	3351585	3526656	3371988	4.32	cps
Bismuth	209-2	2733440	2711616	2737548	2727535	0.51	cps
Bromine	81-1	6782	7255	7559	7198	5.44	cps
Bromine	81-2	200	140	253	198	28.67	cps
Cadmium	108-1	803	803	817	808	0.95	cps
Cadmium	106-1	2454	2564	2364	2460	4.07	cps
Cadmium	111-1	12690	13487	14132	13436	5.38	cps
Calcium	43-1	114881	122164	120685	119243	3.23	cps
Calcium	44-1	1869575	1856323	1964995	1896964	3.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	154324	156735	153842	154967	1.00	cps
Cobalt	59-2	418663	417737	419766	418722	0.24	cps
Copper	63-2	379775	384301	378002	380692	0.85	cps
Dysprosium	156-1	7999	7726	7946	7890	1.84	cps
Dysprosium	156-2	6868	6602	6585	6685	2.38	cps
Erbium	164-1	6528	6522	6645	6565	1.06	cps
Erbium	164-2	4651	4447	4711	4603	3.00	cps
Gadolinium	160-1	7092	7629	7542	7421	3.88	cps
Gadolinium	160-2	5421	5461	5558	5480	1.28	cps
Holmium	165-1	5841799	5606905	5559533	5669412	2.67	cps
Holmium	165-2	3949549	3863022	3937939	3916836	1.20	cps
Indium	115-1	5117980	4987799	4917026	5007602	2.04	cps
Indium	115-2	1788492	1764054	1744090	1765546	1.26	cps
Iron	56-2	42840375	42783239	42233871	42619162	0.79	cps
Iron	57-2	1085959	1089988	1084361	1086769	0.27	cps
Iron	54-2	2382614	2395652	2361605	2379957	0.72	cps
Krypton	83-1	213	243	230	229	6.57	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:38:40	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	174596	172614	178366	175192	1.67	cps
Lead	207-1	146346	142367	145914	144876	1.51	cps
Lead	208-1	664969	688882	681323	678392	1.80	cps
Lithium	6-1	424272	435588	475824	445228	6.09	cps
Magnesium	24-2	956411	961673	954081	957388	0.41	cps
Manganese	55-2	790118	792286	786353	789586	0.38	cps
Molybdenum	94-1	5911	6085	6118	6038	1.84	cps
Molybdenum	95-1	1150	1133	1093	1126	2.59	cps
Molybdenum	96-1	2597	2520	2470	2529	2.52	cps
Molybdenum	97-1	810	653	717	727	10.85	cps
Molybdenum	98-1	1700	1720	1730	1717	0.89	cps
Neodymium	150-1	13383	14681	14397	14154	4.82	cps
Neodymium	150-2	8473	8516	8116	8368	2.62	cps
Nickel	60-2	111541	111837	112431	111937	0.40	cps
Phosphorus	31-2	4561	4477	4391	4476	1.90	cps
Potassium	39-2	705311	706359	706905	706192	0.11	cps
Rhodium	103-1	4840315	4780328	4786943	4802528	0.68	cps
Rhodium	103-2	2983896	2992774	2963596	2980088	0.50	cps
Scandium	45-1	3135576	3062732	3236519	3144942	2.77	cps
Scandium	45-2	297767	299935	296237	297980	0.62	cps
Selenium	82-1	2133	2132	2146	2137	0.36	cps
Selenium	77-2	193	180	210	194	7.73	cps
Selenium	78-2	940	1010	1050	1000	5.57	cps
Silicon	28-1	4083405	4009452	3996107	4029655	1.17	cps
Silver	107-1	53608	57356	59759	56908	5.45	cps
Silver	109-1	50976	53545	53438	52653	2.76	cps
Sodium	23-2	113007	113814	112652	113158	0.53	cps
Strontium	86-1	52340	51232	52135	51902	1.14	cps
Strontium	88-1	436467	465734	454458	452220	3.26	cps
Sulfur	34-1	156135	155441	155343	155640	0.28	cps
Terbium	159-1	5686915	5787522	5716545	5730327	0.90	cps
Terbium	159-2	3877075	3880511	3904358	3887315	0.38	cps
Thallium	203-1	33889	33641	34494	34008	1.29	cps
Thallium	205-1	78029	84648	80798	81158	4.10	cps
Tin	118-1	41938	42014	41540	41831	0.61	cps
Titanium	47-1	205943	201068	201507	202840	1.33	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:38:40	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2917	2987	2974	2959	1.26	cps
Vanadium	51-2	315549	315817	313263	314876	0.45	cps
Yttrium	89-1	8677277	9136945	9367765	9060662	3.88	cps
Yttrium	89-2	2389352	2379978	2382554	2383961	0.20	cps
Zinc	66-2	100187	99925	98929	99680	0.67	cps
Zirconium	90-1	14551	14527	15311	14796	3.02	cps
Zirconium	91-1	3174	3340	3160	3225	3.11	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:41:52	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1405761	1393165	1398851	1399259	0.45	cps
Antimony	121-1	428346	441788	442490	437541	1.82	cps
Arsenic	75-2	18281	18341	18131	18251	0.59	cps
Barium	135-1	2246820	2318777	2310182	2291926	1.71	cps
Barium	137-1	3918739	3959201	3980113	3952684	0.79	cps
Beryllium	9-1	23161	24503	24383	24015	3.09	cps
Bismuth	209-1	3357246	3298681	3229419	3295115	1.94	cps
Bismuth	209-2	2680215	2738162	2759769	2726049	1.51	cps
Bromine	81-1	6908	7022	6842	6924	1.31	cps
Bromine	81-2	220	203	220	214	4.49	cps
Cadmium	108-1	3557	3681	3540	3593	2.13	cps
Cadmium	106-1	6131	6411	6495	6346	3.00	cps
Cadmium	111-1	52658	55203	55737	54532	3.02	cps
Calcium	43-1	113354	116104	118146	115868	2.08	cps
Calcium	44-1	1799776	1889918	1851528	1847074	2.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	470151	474558	478718	474476	0.90	cps
Cobalt	59-2	1643195	1648751	1629277	1640408	0.61	cps
Copper	63-2	779126	787532	785129	783929	0.55	cps
Dysprosium	156-1	7966	7676	7932	7858	2.02	cps
Dysprosium	156-2	6552	6502	6658	6570	1.22	cps
Erbium	164-1	6171	6325	6518	6338	2.74	cps
Erbium	164-2	4541	4481	4314	4445	2.64	cps
Gadolinium	160-1	7372	7419	7679	7490	2.21	cps
Gadolinium	160-2	5368	5451	5348	5389	1.02	cps
Holmium	165-1	5538526	5590167	5617065	5581920	0.72	cps
Holmium	165-2	3886927	3935423	3974064	3932138	1.11	cps
Indium	115-1	4880659	4977852	4917908	4925473	1.00	cps
Indium	115-2	1747990	1769760	1758235	1758662	0.62	cps
Iron	56-2	42922764	43074048	43806584	43267799	1.09	cps
Iron	57-2	1106744	1108713	1107819	1107759	0.09	cps
Iron	54-2	2418806	2401844	2470698	2430449	1.48	cps
Krypton	83-1	250	247	270	256	4.94	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:41:52	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	207301	211632	210694	209876	1.09	cps
Lead	207-1	173755	179053	178570	177126	1.65	cps
Lead	208-1	803963	825518	819848	816443	1.37	cps
Lithium	6-1	422061	424776	414170	420336	1.31	cps
Magnesium	24-2	944816	945364	944679	944953	0.04	cps
Manganese	55-2	1339282	1332673	1347233	1339729	0.54	cps
Molybdenum	94-1	5875	5985	6108	5989	1.95	cps
Molybdenum	95-1	953	1107	897	986	11.02	cps
Molybdenum	96-1	2324	2560	2207	2364	7.62	cps
Molybdenum	97-1	493	593	550	546	9.19	cps
Molybdenum	98-1	1507	1597	1550	1551	2.90	cps
Neodymium	150-1	13590	13877	13824	13764	1.11	cps
Neodymium	150-2	8072	8359	8209	8214	1.75	cps
Nickel	60-2	413851	416049	419166	416355	0.64	cps
Phosphorus	31-2	4504	4471	4304	4426	2.42	cps
Potassium	39-2	700872	702780	703757	702469	0.21	cps
Rhodium	103-1	4813716	4840613	4706762	4787030	1.48	cps
Rhodium	103-2	2942612	2988580	2979001	2970064	0.82	cps
Scandium	45-1	3112439	3126706	3112579	3117241	0.26	cps
Scandium	45-2	298246	300975	301378	300200	0.57	cps
Selenium	82-1	8125	8011	8294	8144	1.75	cps
Selenium	77-2	853	837	833	841	1.27	cps
Selenium	78-2	3074	3194	2987	3085	3.36	cps
Silicon	28-1	3886265	3955164	3932167	3924532	0.89	cps
Silver	107-1	186585	194411	192384	191126	2.13	cps
Silver	109-1	175910	181559	184403	180624	2.39	cps
Sodium	23-2	111339	112611	110909	111620	0.79	cps
Strontium	86-1	48737	51038	51052	50276	2.65	cps
Strontium	88-1	432907	442673	448565	441382	1.79	cps
Sulfur	34-1	152358	152411	151091	151953	0.49	cps
Terbium	159-1	5682258	5831554	5621984	5711932	1.89	cps
Terbium	159-2	3850374	3893073	3851801	3865083	0.63	cps
Thallium	203-1	155398	155076	155845	155440	0.25	cps
Thallium	205-1	359341	372981	372073	368132	2.07	cps
Tin	118-1	41988	42743	42961	42564	1.20	cps
Titanium	47-1	194219	200431	200160	198270	1.77	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDBA0SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:41:52	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2727	2777	2704	2736	1.37	cps
Vanadium	51-2	1019871	1021985	1026447	1022768	0.33	cps
Yttrium	89-1	8951298	9046322	8882699	8960106	0.92	cps
Yttrium	89-2	2335620	2403078	2365159	2367952	1.43	cps
Zinc	66-2	234511	234988	235507	235002	0.21	cps
Zirconium	90-1	14147	14564	14434	14382	1.48	cps
Zirconium	91-1	3274	3167	3384	3275	3.31	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-08DLX5	Instrumnet Name :	P7
Client Sample ID :	MYDB99	Dilution Factor :	5
Date & Time Acquired :	2024-10-29 20:45:02	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5032368	5038360	5087058	5052596	0.59	cps
Antimony	121-1	9316	9426	9980	9574	3.72	cps
Arsenic	75-2	30244	31103	30752	30700	1.41	cps
Barium	135-1	499767	504966	508400	504378	0.86	cps
Barium	137-1	860492	873749	874091	869444	0.89	cps
Beryllium	9-1	753	850	860	821	7.17	cps
Bismuth	209-1	3487092	3496811	3403844	3462583	1.48	cps
Bismuth	209-2	2781128	2743667	2680565	2735120	1.86	cps
Bromine	81-1	9363	9677	10164	9734	4.14	cps
Bromine	81-2	813	797	867	826	4.43	cps
Cadmium	108-1	193	247	280	240	18.22	cps
Cadmium	106-1	1843	1850	1933	1876	2.67	cps
Cadmium	111-1	4079	4286	4238	4201	2.58	cps
Calcium	43-1	482850	492145	492692	489229	1.13	cps
Calcium	44-1	7702775	7705490	7764682	7724316	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	214234	213565	214390	214063	0.20	cps
Cobalt	59-2	145707	145279	147107	146031	0.65	cps
Copper	63-2	1033139	1031984	1044321	1036482	0.66	cps
Dysprosium	156-1	32013	31849	32214	32025	0.57	cps
Dysprosium	156-2	26615	26953	27006	26858	0.79	cps
Erbium	164-1	27233	27667	27340	27414	0.83	cps
Erbium	164-2	18332	18983	18696	18670	1.75	cps
Gadolinium	160-1	30934	31368	31479	31260	0.92	cps
Gadolinium	160-2	22418	23029	22124	22524	2.05	cps
Holmium	165-1	5871194	5819019	5799575	5829929	0.64	cps
Holmium	165-2	4053194	3991449	3885516	3976720	2.13	cps
Indium	115-1	5087069	5078344	5020383	5061932	0.72	cps
Indium	115-2	1772716	1790162	1775209	1779362	0.53	cps
Iron	56-2	175804044	176185904	178892097	176960682	0.95	cps
Iron	57-2	4350792	4396472	4351743	4366336	0.60	cps
Iron	54-2	9670645	9804018	9871365	9782010	1.04	cps
Krypton	83-1	290	273	273	279	3.45	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-08DLX5	Instrumnet Name :	P7
Client Sample ID :	MYDB99	Dilution Factor :	5
Date & Time Acquired :	2024-10-29 20:45:02	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2118738	2116170	2128750	2121219	0.31	cps
Lead	207-1	1864176	1850132	1872001	1862103	0.60	cps
Lead	208-1	8401648	8460988	8434399	8432345	0.35	cps
Lithium	6-1	417383	421036	409435	415951	1.43	cps
Magnesium	24-2	3965568	3918409	3918422	3934133	0.69	cps
Manganese	55-2	2563719	2589178	2582477	2578458	0.51	cps
Molybdenum	94-1	25863	25820	25780	25821	0.16	cps
Molybdenum	95-1	3644	3614	3567	3608	1.07	cps
Molybdenum	96-1	9023	9443	9630	9365	3.32	cps
Molybdenum	97-1	2160	2290	2170	2207	3.28	cps
Molybdenum	98-1	5241	5798	5995	5678	6.88	cps
Neodymium	150-1	56743	57440	57698	57294	0.86	cps
Neodymium	150-2	33737	33082	34091	33637	1.52	cps
Nickel	60-2	60803	61027	60913	60914	0.18	cps
Phosphorus	31-2	18164	18785	18501	18483	1.68	cps
Potassium	39-2	2590817	2589791	2580815	2587141	0.21	cps
Rhodium	103-1	4937251	4904143	4953304	4931566	0.51	cps
Rhodium	103-2	3032215	3009301	3026249	3022588	0.39	cps
Scandium	45-1	3372567	3379448	3324331	3358782	0.89	cps
Scandium	45-2	322371	321590	323319	322427	0.27	cps
Selenium	82-1	429	437	456	440	3.25	cps
Selenium	77-2	150	123	117	130	13.57	cps
Selenium	78-2	533	410	497	480	13.19	cps
Silicon	28-1	18554824	18607126	18591807	18584586	0.14	cps
Silver	107-1	15211	14944	15231	15129	1.06	cps
Silver	109-1	14601	14144	13566	14104	3.68	cps
Sodium	23-2	354766	350793	357485	354348	0.95	cps
Strontium	86-1	213879	214891	217124	215298	0.77	cps
Strontium	88-1	1937020	1981884	1966933	1961946	1.16	cps
Sulfur	34-1	162917	160661	162032	161870	0.70	cps
Terbium	159-1	6030909	5972231	5902193	5968444	1.08	cps
Terbium	159-2	4059925	3988535	3930195	3992885	1.63	cps
Thallium	203-1	1673	1553	1780	1669	6.80	cps
Thallium	205-1	3957	4131	4231	4106	3.37	cps
Tin	118-1	162469	164282	163028	163260	0.57	cps
Titanium	47-1	861847	882709	883935	876163	1.42	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-08DLX5	Instrumnet Name :	P7
Client Sample ID :	MYDB99	Dilution Factor :	5
Date & Time Acquired :	2024-10-29 20:45:02	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11555	11785	11912	11751	1.54	cps
Vanadium	51-2	367278	363206	369230	366571	0.84	cps
Yttrium	89-1	9686877	9811326	9603084	9700429	1.08	cps
Yttrium	89-2	2564044	2545427	2585791	2565087	0.79	cps
Zinc	66-2	226512	228744	228429	227895	0.53	cps
Zirconium	90-1	63828	65060	67596	65495	2.93	cps
Zirconium	91-1	14354	14714	14918	14662	1.95	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09A	Instrumnet Name :	P7
Client Sample ID :	MYDBA0ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:48:08	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	993405	988282	995896	992528	0.39	cps
Antimony	121-1	3357	3374	3384	3372	0.40	cps
Arsenic	75-2	7845	8379	7805	8010	4.00	cps
Barium	135-1	66324	67536	67117	66992	0.92	cps
Barium	137-1	113969	115027	117820	115606	1.72	cps
Beryllium	9-1	157	210	147	171	19.90	cps
Bismuth	209-1	3497706	3483075	3503658	3494813	0.30	cps
Bismuth	209-2	2821941	2809391	2799984	2810439	0.39	cps
Bromine	81-1	7185	7245	7208	7213	0.42	cps
Bromine	81-2	253	220	260	244	8.77	cps
Cadmium	108-1	37	40	33	37	9.10	cps
Cadmium	106-1	1480	1523	1500	1501	1.44	cps
Cadmium	111-1	1277	1252	1213	1247	2.57	cps
Calcium	43-1	99906	99746	100977	100210	0.67	cps
Calcium	44-1	1580599	1607493	1624258	1604116	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66382	66188	66175	66248	0.18	cps
Cobalt	59-2	36000	36043	35572	35872	0.73	cps
Copper	63-2	115559	115925	114984	115489	0.41	cps
Dysprosium	156-1	5618	5731	5441	5597	2.61	cps
Dysprosium	156-2	4454	4441	4587	4494	1.81	cps
Erbium	164-1	4587	4818	4871	4759	3.17	cps
Erbium	164-2	3230	3107	3057	3131	2.85	cps
Gadolinium	160-1	5128	5284	5211	5208	1.51	cps
Gadolinium	160-2	3991	3831	3811	3877	2.55	cps
Holmium	165-1	5831638	5817875	5812499	5820671	0.17	cps
Holmium	165-2	4065433	3950082	4025419	4013645	1.46	cps
Indium	115-1	5203064	5227899	5159933	5196965	0.66	cps
Indium	115-2	1783154	1782347	1777430	1780977	0.17	cps
Iron	56-2	38672791	38394647	38170694	38412711	0.65	cps
Iron	57-2	980721	975157	971345	975741	0.48	cps
Iron	54-2	2169724	2132863	2156747	2153111	0.87	cps
Krypton	83-1	217	293	213	241	18.77	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09A	Instrumnet Name :	P7
Client Sample ID :	MYDBA0ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:48:08	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	91777	92488	92633	92300	0.50	cps
Lead	207-1	77255	77057	77791	77368	0.49	cps
Lead	208-1	353106	358003	357462	356191	0.75	cps
Lithium	6-1	456289	447470	458786	454182	1.31	cps
Magnesium	24-2	986074	977040	984921	982678	0.50	cps
Manganese	55-2	640582	633259	632013	635285	0.73	cps
Molybdenum	94-1	4557	4501	4524	4527	0.63	cps
Molybdenum	95-1	887	990	893	923	6.26	cps
Molybdenum	96-1	2030	2100	2037	2056	1.88	cps
Molybdenum	97-1	613	563	613	597	4.84	cps
Molybdenum	98-1	1410	1403	1587	1467	7.09	cps
Neodymium	150-1	9570	9553	9977	9700	2.47	cps
Neodymium	150-2	5488	5688	5544	5573	1.85	cps
Nickel	60-2	75040	73858	74293	74397	0.80	cps
Phosphorus	31-2	3177	2954	3017	3049	3.78	cps
Potassium	39-2	516277	512387	515770	514811	0.41	cps
Rhodium	103-1	4829226	4976937	4934373	4913512	1.55	cps
Rhodium	103-2	3058901	3024828	2994212	3025980	1.07	cps
Scandium	45-1	3192305	3222197	3220361	3211621	0.52	cps
Scandium	45-2	300197	298139	299717	299351	0.36	cps
Selenium	82-1	377	260	404	347	22.11	cps
Selenium	77-2	27	30	20	26	19.92	cps
Selenium	78-2	383	333	333	350	8.25	cps
Silicon	28-1	3384728	3437243	3455188	3425720	1.07	cps
Silver	107-1	633	640	593	622	4.06	cps
Silver	109-1	490	523	490	501	3.84	cps
Sodium	23-2	85931	86220	84788	85646	0.88	cps
Strontium	86-1	40011	41405	41629	41015	2.14	cps
Strontium	88-1	346966	355217	353932	352039	1.26	cps
Sulfur	34-1	161712	159845	160560	160706	0.59	cps
Terbium	159-1	6072613	6052146	5933795	6019518	1.24	cps
Terbium	159-2	3972180	3964632	3972781	3969865	0.11	cps
Thallium	203-1	789938	808726	812632	803765	1.51	cps
Thallium	205-1	2177154	2146743	2153535	2159144	0.74	cps
Tin	118-1	7759	7979	8092	7943	2.14	cps
Titanium	47-1	172641	175679	176285	174868	1.12	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-09A	Instrumnet Name :	P7
Client Sample ID :	MYDBA0ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 20:48:08	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2157	2327	2404	2296	5.50	cps
Vanadium	51-2	104512	103220	102686	103473	0.91	cps
Yttrium	89-1	9107976	9174472	9048881	9110443	0.69	cps
Yttrium	89-2	2361964	2384184	2398204	2381450	0.77	cps
Zinc	66-2	79926	80217	80640	80261	0.45	cps
Zirconium	90-1	11018	10931	11351	11100	2.00	cps
Zirconium	91-1	2644	2424	2297	2455	7.15	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:51:23	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1677669	1657751	1641071	1658831	1.10	cps
Antimony	121-1	1540	1520	1497	1519	1.43	cps
Arsenic	75-2	9863	10000	10230	10031	1.85	cps
Barium	135-1	123783	129227	130266	127759	2.73	cps
Barium	137-1	214888	221906	221699	219498	1.82	cps
Beryllium	9-1	253	263	320	279	12.89	cps
Bismuth	209-1	3397351	3406071	3357454	3386959	0.77	cps
Bismuth	209-2	2727454	2719150	2744471	2730359	0.47	cps
Bromine	81-1	6775	7135	7105	7005	2.85	cps
Bromine	81-2	157	213	137	169	23.55	cps
Cadmium	108-1	53	50	27	43	33.52	cps
Cadmium	106-1	1587	1513	1607	1569	3.13	cps
Cadmium	111-1	1353	1388	1459	1400	3.86	cps
Calcium	43-1	69585	70958	72261	70935	1.89	cps
Calcium	44-1	1149156	1179575	1197042	1175258	2.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35532	35164	34326	35007	1.77	cps
Cobalt	59-2	38840	38108	39021	38656	1.25	cps
Copper	63-2	101750	100501	100841	101031	0.64	cps
Dysprosium	156-1	12539	12949	12913	12800	1.77	cps
Dysprosium	156-2	10881	10964	11008	10951	0.59	cps
Erbium	164-1	10657	10691	11155	10834	2.56	cps
Erbium	164-2	7309	7235	7239	7261	0.57	cps
Gadolinium	160-1	12442	13033	12696	12724	2.33	cps
Gadolinium	160-2	9550	9527	9093	9390	2.74	cps
Holmium	165-1	5653895	5607763	5664265	5641974	0.53	cps
Holmium	165-2	3945126	3924976	3967773	3945958	0.54	cps
Indium	115-1	4884257	5006283	5009193	4966578	1.44	cps
Indium	115-2	1749651	1717179	1725597	1730809	0.97	cps
Iron	56-2	55202893	54351149	54541354	54698465	0.82	cps
Iron	57-2	1349825	1363641	1356203	1356556	0.51	cps
Iron	54-2	3077636	3043513	3042524	3054557	0.65	cps
Krypton	83-1	230	217	280	242	13.79	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:51:23	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	54579	56878	56115	55857	2.10	cps
Lead	207-1	48620	49821	50145	49529	1.62	cps
Lead	208-1	218057	224425	224426	222303	1.65	cps
Lithium	6-1	441100	449193	451933	447409	1.26	cps
Magnesium	24-2	1060164	1047321	1043669	1050385	0.82	cps
Manganese	55-2	745177	744855	744155	744729	0.07	cps
Molybdenum	94-1	8362	8299	8539	8400	1.48	cps
Molybdenum	95-1	910	1047	1087	1014	9.13	cps
Molybdenum	96-1	2987	3047	2804	2946	4.30	cps
Molybdenum	97-1	640	717	763	707	8.81	cps
Molybdenum	98-1	1690	1687	1753	1710	2.20	cps
Neodymium	150-1	22939	23707	24251	23632	2.79	cps
Neodymium	150-2	14070	14054	14090	14072	0.13	cps
Nickel	60-2	11495	11505	11381	11460	0.60	cps
Phosphorus	31-2	4437	4357	4124	4306	3.78	cps
Potassium	39-2	420411	415866	416733	417670	0.58	cps
Rhodium	103-1	4785399	4819541	4840385	4815108	0.58	cps
Rhodium	103-2	2964649	2947841	2949999	2954163	0.31	cps
Scandium	45-1	3063909	3133012	3173064	3123328	1.77	cps
Scandium	45-2	293650	292004	293907	293187	0.35	cps
Selenium	82-1	335	382	314	344	10.15	cps
Selenium	77-2	50	50	40	47	12.37	cps
Selenium	78-2	403	377	353	378	6.62	cps
Silicon	28-1	5186255	5350305	5559137	5365232	3.48	cps
Silver	107-1	817	753	847	806	5.92	cps
Silver	109-1	697	780	753	743	5.73	cps
Sodium	23-2	64668	64725	65843	65079	1.02	cps
Strontium	86-1	40790	42375	42301	41822	2.14	cps
Strontium	88-1	356500	366215	367948	363555	1.70	cps
Sulfur	34-1	161193	159522	159027	159914	0.71	cps
Terbium	159-1	5720488	5835572	5863175	5806412	1.30	cps
Terbium	159-2	3947789	3905728	3949704	3934407	0.63	cps
Thallium	203-1	663	653	590	636	6.26	cps
Thallium	205-1	1483	1480	1420	1461	2.44	cps
Tin	118-1	4294	4261	4504	4353	3.03	cps
Titanium	47-1	141643	147676	149090	146136	2.71	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:51:23	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3044	2900	3060	3001	2.93	cps
Vanadium	51-2	94695	95514	93263	94490	1.21	cps
Yttrium	89-1	8922639	9088805	9044610	9018685	0.95	cps
Yttrium	89-2	2394226	2338718	2373180	2368708	1.18	cps
Zinc	66-2	35465	35933	35729	35709	0.66	cps
Zirconium	90-1	21259	21589	21873	21574	1.42	cps
Zirconium	91-1	4531	4727	4671	4643	2.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:54:35	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1648146	1651070	1665176	1654797	0.55	cps
Antimony	121-1	1743	1703	1717	1721	1.18	cps
Arsenic	75-2	10297	10150	10144	10197	0.85	cps
Barium	135-1	125693	129418	129143	128085	1.62	cps
Barium	137-1	214310	220862	221756	218976	1.86	cps
Beryllium	9-1	303	237	313	284	14.65	cps
Bismuth	209-1	3319535	3459162	3359868	3379522	2.13	cps
Bismuth	209-2	2787434	2734817	2737132	2753128	1.08	cps
Bromine	81-1	6735	6612	6935	6760	2.41	cps
Bromine	81-2	170	193	157	173	10.71	cps
Cadmium	108-1	40	67	47	51	27.15	cps
Cadmium	106-1	1613	1587	1530	1577	2.70	cps
Cadmium	111-1	1448	1471	1362	1427	4.03	cps
Calcium	43-1	70282	71062	71930	71091	1.16	cps
Calcium	44-1	1158338	1194432	1194837	1182535	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34827	35051	35402	35093	0.83	cps
Cobalt	59-2	39081	38336	38937	38785	1.02	cps
Copper	63-2	101085	100236	101397	100906	0.60	cps
Dysprosium	156-1	12806	13193	13220	13073	1.77	cps
Dysprosium	156-2	10661	10861	10864	10795	1.08	cps
Erbium	164-1	10140	10477	10751	10456	2.92	cps
Erbium	164-2	7342	7262	7425	7343	1.11	cps
Gadolinium	160-1	13039	12502	13286	12943	3.10	cps
Gadolinium	160-2	9180	9126	9433	9246	1.77	cps
Holmium	165-1	5489972	5777900	5728431	5665434	2.72	cps
Holmium	165-2	3992802	3914663	3961539	3956335	0.99	cps
Indium	115-1	4988846	5052492	5081571	5040969	0.94	cps
Indium	115-2	1792811	1755655	1735539	1761335	1.65	cps
Iron	56-2	54164089	54311208	54298751	54258016	0.15	cps
Iron	57-2	1358993	1335526	1341226	1345249	0.91	cps
Iron	54-2	3013026	3026672	3044638	3028112	0.52	cps
Krypton	83-1	250	277	210	246	13.67	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:54:35	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	54197	55858	56785	55613	2.36	cps
Lead	207-1	49567	49858	49162	49529	0.71	cps
Lead	208-1	218497	223347	222582	221475	1.18	cps
Lithium	6-1	451268	462636	447711	453872	1.72	cps
Magnesium	24-2	1054364	1042975	1048238	1048526	0.54	cps
Manganese	55-2	746982	744706	748694	746794	0.27	cps
Molybdenum	94-1	8042	8369	8389	8267	2.36	cps
Molybdenum	95-1	1087	1160	1207	1151	5.26	cps
Molybdenum	96-1	2987	3100	3004	3030	2.02	cps
Molybdenum	97-1	713	703	707	708	0.72	cps
Molybdenum	98-1	1777	1780	1653	1737	4.16	cps
Neodymium	150-1	22835	23179	24021	23345	2.61	cps
Neodymium	150-2	13784	13563	14227	13858	2.44	cps
Nickel	60-2	11665	12058	11701	11808	1.84	cps
Phosphorus	31-2	4227	4177	4344	4250	2.01	cps
Potassium	39-2	417748	416788	421994	418843	0.66	cps
Rhodium	103-1	4787960	4932566	4879352	4866626	1.50	cps
Rhodium	103-2	2966509	2952806	2984141	2967819	0.53	cps
Scandium	45-1	3146703	3178081	3126187	3150324	0.83	cps
Scandium	45-2	296512	296904	295141	296186	0.31	cps
Selenium	82-1	304	322	415	347	17.08	cps
Selenium	77-2	47	40	33	40	16.68	cps
Selenium	78-2	400	343	403	382	8.82	cps
Silicon	28-1	5238823	5376942	5445362	5353709	1.97	cps
Silver	107-1	753	913	877	848	9.89	cps
Silver	109-1	737	703	693	711	3.19	cps
Sodium	23-2	64173	64149	64458	64260	0.27	cps
Strontium	86-1	41509	42869	42284	42221	1.62	cps
Strontium	88-1	358676	369204	369696	365859	1.70	cps
Sulfur	34-1	158828	157960	155879	157556	0.96	cps
Terbium	159-1	5830146	5934583	5990088	5918272	1.37	cps
Terbium	159-2	3914272	3950249	3918910	3927810	0.50	cps
Thallium	203-1	530	530	507	522	2.58	cps
Thallium	205-1	1183	1153	1103	1147	3.52	cps
Tin	118-1	4257	4574	4457	4430	3.62	cps
Titanium	47-1	146307	148265	151002	148525	1.59	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72D	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 20:54:35	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3220	3244	3204	3223	0.62	cps
Vanadium	51-2	93809	93682	92709	93400	0.64	cps
Yttrium	89-1	8971838	9155350	9123610	9083599	1.08	cps
Yttrium	89-2	2353650	2395334	2376098	2375027	0.88	cps
Zinc	66-2	35318	35546	37059	35974	2.63	cps
Zirconium	90-1	21115	22073	21549	21579	2.22	cps
Zirconium	91-1	4684	5081	4848	4871	4.09	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB72L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:57:50	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	323415	320424	319893	321244	0.59	cps
Antimony	121-1	357	377	347	360	4.24	cps
Arsenic	75-2	1870	1907	2120	1966	6.87	cps
Barium	135-1	24328	25096	25336	24920	2.11	cps
Barium	137-1	41701	42861	42931	42498	1.63	cps
Beryllium	9-1	67	63	70	67	5.00	cps
Bismuth	209-1	3422200	3369692	3359972	3383955	0.99	cps
Bismuth	209-2	2723618	2739296	2739983	2734299	0.34	cps
Bromine	81-1	6515	6441	6305	6420	1.66	cps
Bromine	81-2	90	110	90	97	11.95	cps
Cadmium	108-1	10	23	10	14	53.28	cps
Cadmium	106-1	1333	1393	1380	1369	2.30	cps
Cadmium	111-1	1013	1026	1026	1022	0.72	cps
Calcium	43-1	13313	14394	13987	13898	3.93	cps
Calcium	44-1	236047	243675	246453	242058	2.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7319	7622	7652	7531	2.45	cps
Cobalt	59-2	7689	8022	7559	7757	3.08	cps
Copper	63-2	21332	20621	21072	21008	1.71	cps
Dysprosium	156-1	2944	2714	2740	2799	4.50	cps
Dysprosium	156-2	2084	2307	2087	2159	5.93	cps
Erbium	164-1	1960	2200	2277	2146	7.70	cps
Erbium	164-2	1347	1510	1390	1416	5.98	cps
Gadolinium	160-1	2527	2370	2544	2480	3.86	cps
Gadolinium	160-2	1870	2004	1867	1913	4.07	cps
Holmium	165-1	5544092	5626311	5624881	5598428	0.84	cps
Holmium	165-2	3908735	3876080	3915407	3900074	0.54	cps
Indium	115-1	5038523	5023529	5009815	5023956	0.29	cps
Indium	115-2	1767804	1727096	1744419	1746440	1.17	cps
Iron	56-2	10708023	10548350	10567810	10608061	0.82	cps
Iron	57-2	271851	270696	269100	270549	0.51	cps
Iron	54-2	604386	600686	601319	602130	0.33	cps
Krypton	83-1	190	297	200	229	25.74	cps

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB72L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:57:50	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11371	11005	11615	11330	2.71	cps
Lead	207-1	9877	10404	9867	10049	3.06	cps
Lead	208-1	44225	44699	44578	44501	0.55	cps
Lithium	6-1	446869	449002	454241	450037	0.84	cps
Magnesium	24-2	204449	204954	203687	204363	0.31	cps
Manganese	55-2	146878	146139	143493	145503	1.22	cps
Molybdenum	94-1	1850	1880	1837	1856	1.20	cps
Molybdenum	95-1	303	360	467	377	22.02	cps
Molybdenum	96-1	577	747	827	717	17.82	cps
Molybdenum	97-1	137	217	330	228	42.65	cps
Molybdenum	98-1	403	503	663	523	25.06	cps
Neodymium	150-1	4357	4591	4758	4569	4.40	cps
Neodymium	150-2	2720	2667	2634	2674	1.64	cps
Nickel	60-2	2444	2457	2280	2394	4.11	cps
Phosphorus	31-2	990	847	937	924	7.84	cps
Potassium	39-2	147833	146463	147176	147157	0.47	cps
Rhodium	103-1	4781398	4861035	4848596	4830343	0.89	cps
Rhodium	103-2	2947455	2947034	2939437	2944642	0.15	cps
Scandium	45-1	3076886	3129424	3083893	3096734	0.92	cps
Scandium	45-2	290726	286819	288813	288786	0.68	cps
Selenium	82-1	327	279	300	302	8.07	cps
Selenium	77-2	17	7	13	12	41.65	cps
Selenium	78-2	387	363	353	368	4.65	cps
Silicon	28-1	1279057	1325732	1319502	1308097	1.94	cps
Silver	107-1	203	210	253	222	12.22	cps
Silver	109-1	177	183	183	181	2.13	cps
Sodium	23-2	45968	46433	47022	46474	1.14	cps
Strontium	86-1	8746	8586	8786	8706	1.22	cps
Strontium	88-1	70682	71560	74722	72321	2.94	cps
Sulfur	34-1	156973	153865	153502	154780	1.23	cps
Terbium	159-1	5818992	5803783	5780556	5801110	0.33	cps
Terbium	159-2	3829269	3877751	3830302	3845774	0.72	cps
Thallium	203-1	220	237	187	214	11.87	cps
Thallium	205-1	557	503	560	540	5.89	cps
Tin	118-1	1810	1837	1777	1808	1.66	cps
Titanium	47-1	28464	29045	28647	28718	1.03	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDB72L	Dilution Factor :	20
Date & Time Acquired :	2024-10-29 20:57:50	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	517	653	663	611	13.41	cps
Vanadium	51-2	18321	19186	18154	18554	2.98	cps
Yttrium	89-1	8801629	8904332	8945168	8883710	0.83	cps
Yttrium	89-2	2346314	2335441	2301924	2327893	0.99	cps
Zinc	66-2	7095	7238	7115	7150	1.09	cps
Zirconium	90-1	4511	4471	4401	4461	1.25	cps
Zirconium	91-1	967	997	973	979	1.61	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 21:01:05	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1656393	1631899	1651263	1646518	0.78	cps
Antimony	121-1	101210	103788	105383	103460	2.04	cps
Arsenic	75-2	12646	12175	12532	12451	1.97	cps
Barium	135-1	572056	588741	594239	585012	1.97	cps
Barium	137-1	980837	1013380	1017298	1003838	1.99	cps
Beryllium	9-1	5858	5991	6131	5993	2.28	cps
Bismuth	209-1	3304342	3103569	3280929	3229613	3.40	cps
Bismuth	209-2	2767109	2769099	2767023	2767744	0.04	cps
Bromine	81-1	6598	6381	6592	6524	1.89	cps
Bromine	81-2	150	123	150	141	10.91	cps
Cadmium	108-1	747	827	813	796	5.39	cps
Cadmium	106-1	2724	2510	2484	2572	5.11	cps
Cadmium	111-1	13919	13597	13788	13768	1.18	cps
Calcium	43-1	66093	68159	67312	67188	1.55	cps
Calcium	44-1	1092431	1127501	1138822	1119585	2.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132398	132194	131595	132062	0.32	cps
Cobalt	59-2	400214	400257	402851	401107	0.38	cps
Copper	63-2	220691	220836	218933	220153	0.48	cps
Dysprosium	156-1	12299	12099	12429	12275	1.36	cps
Dysprosium	156-2	10407	10674	10244	10442	2.08	cps
Erbium	164-1	9817	9974	10210	10000	1.98	cps
Erbium	164-2	6788	6995	7199	6994	2.93	cps
Gadolinium	160-1	11802	12319	12459	12193	2.84	cps
Gadolinium	160-2	8903	9300	9096	9100	2.18	cps
Holmium	165-1	5497922	5253629	5554177	5435242	2.94	cps
Holmium	165-2	3975875	3890701	4001076	3955884	1.46	cps
Indium	115-1	4848970	4563374	4814560	4742301	3.29	cps
Indium	115-2	1750811	1755193	1748593	1751532	0.19	cps
Iron	56-2	52688066	52804993	52262671	52585243	0.54	cps
Iron	57-2	1341532	1336344	1324707	1334194	0.65	cps
Iron	54-2	2933903	2939091	2925201	2932732	0.24	cps
Krypton	83-1	220	277	250	249	11.39	cps

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LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 21:01:05	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	63126	65380	66709	65072	2.78	cps
Lead	207-1	56309	57843	58462	57538	1.93	cps
Lead	208-1	252352	258750	263341	258148	2.14	cps
Lithium	6-1	441610	413822	432868	429433	3.31	cps
Magnesium	24-2	1007493	1003913	1018765	1010057	0.77	cps
Manganese	55-2	886630	883037	891452	887040	0.48	cps
Molybdenum	94-1	7765	7972	8229	7989	2.91	cps
Molybdenum	95-1	947	990	1103	1013	7.98	cps
Molybdenum	96-1	2647	2830	2927	2801	5.08	cps
Molybdenum	97-1	573	630	727	643	12.05	cps
Molybdenum	98-1	1473	1420	1720	1538	10.41	cps
Neodymium	150-1	21416	23039	23416	22624	4.70	cps
Neodymium	150-2	13360	13443	13607	13470	0.93	cps
Nickel	60-2	104663	104702	104484	104616	0.11	cps
Phosphorus	31-2	3861	4041	3801	3901	3.20	cps
Potassium	39-2	403794	406205	403319	404439	0.38	cps
Rhodium	103-1	4732992	4478344	4768205	4659847	3.39	cps
Rhodium	103-2	2934454	2935752	2948928	2939712	0.27	cps
Scandium	45-1	3048592	2902089	3074433	3008371	3.09	cps
Scandium	45-2	294670	293079	295720	294490	0.45	cps
Selenium	82-1	1911	1909	1959	1926	1.47	cps
Selenium	77-2	207	203	187	199	5.39	cps
Selenium	78-2	937	913	860	903	4.35	cps
Silicon	28-1	4979862	5190614	5173989	5114822	2.29	cps
Silver	107-1	51260	53143	53739	52714	2.45	cps
Silver	109-1	48805	49524	50243	49524	1.45	cps
Sodium	23-2	61251	61375	61562	61396	0.26	cps
Strontium	86-1	38520	40305	40422	39749	2.68	cps
Strontium	88-1	343659	348738	350047	347482	0.97	cps
Sulfur	34-1	151327	149681	149738	150249	0.62	cps
Terbium	159-1	5699702	5420582	5768426	5629570	3.27	cps
Terbium	159-2	3880436	3833907	3937931	3884091	1.34	cps
Thallium	203-1	36840	37445	38127	37470	1.72	cps
Thallium	205-1	86161	89307	88519	87996	1.86	cps
Tin	118-1	3557	3977	3817	3784	5.60	cps
Titanium	47-1	136497	142214	140182	139631	2.08	cps

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LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72S	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 21:01:05	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2814	2984	2937	2911	3.02	cps
Vanadium	51-2	306481	305682	304441	305535	0.34	cps
Yttrium	89-1	8721912	8490848	8826212	8679657	1.98	cps
Yttrium	89-2	2397144	2355704	2340657	2364502	1.24	cps
Zinc	66-2	76196	74860	75898	75652	0.93	cps
Zirconium	90-1	19483	21129	20615	20409	4.12	cps
Zirconium	91-1	4331	4464	4477	4424	1.83	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 21:04:20	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1791339	1835897	1815429	1814222	1.23	cps
Antimony	121-1	418824	431637	431004	427155	1.69	cps
Arsenic	75-2	20401	20508	20461	20456	0.26	cps
Barium	135-1	2253768	2298513	2272991	2275091	0.99	cps
Barium	137-1	3831534	3946193	3890605	3889444	1.47	cps
Beryllium	9-1	23631	24423	24803	24286	2.46	cps
Bismuth	209-1	3268129	3350690	3402221	3340347	2.02	cps
Bismuth	209-2	2753698	2787455	2740074	2760409	0.88	cps
Bromine	81-1	6618	6672	6562	6617	0.83	cps
Bromine	81-2	187	150	183	173	11.70	cps
Cadmium	108-1	3307	3587	3587	3494	4.63	cps
Cadmium	106-1	6068	6181	6125	6125	0.93	cps
Cadmium	111-1	52481	53237	53117	52945	0.77	cps
Calcium	43-1	65387	68511	67824	67240	2.44	cps
Calcium	44-1	1092654	1124588	1139115	1118785	2.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	451466	447133	450192	449597	0.50	cps
Cobalt	59-2	1621845	1618527	1624445	1621606	0.18	cps
Copper	63-2	621230	621780	620861	621291	0.07	cps
Dysprosium	156-1	12119	12316	12365	12267	1.06	cps
Dysprosium	156-2	10294	10421	10364	10359	0.61	cps
Erbium	164-1	9874	10130	10321	10108	2.22	cps
Erbium	164-2	7085	6872	6845	6934	1.90	cps
Gadolinium	160-1	11732	12242	12199	12058	2.35	cps
Gadolinium	160-2	9030	9156	9223	9136	1.08	cps
Holmium	165-1	5674960	5670118	5705918	5683665	0.34	cps
Holmium	165-2	3893618	3931515	3932964	3919365	0.57	cps
Indium	115-1	4923704	4947650	4974138	4948498	0.51	cps
Indium	115-2	1746617	1733808	1734541	1738322	0.41	cps
Iron	56-2	53881469	53921338	53527774	53776860	0.40	cps
Iron	57-2	1366747	1366700	1361097	1364848	0.24	cps
Iron	54-2	2987818	3049735	2996505	3011352	1.11	cps
Krypton	83-1	250	217	270	246	10.97	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 21:04:20	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	100556	103349	104115	102673	1.82	cps
Lead	207-1	87124	91630	91787	90180	2.94	cps
Lead	208-1	396479	412520	412319	407106	2.26	cps
Lithium	6-1	435990	447983	444629	442867	1.40	cps
Magnesium	24-2	1014079	1010509	1003768	1009452	0.52	cps
Manganese	55-2	1432611	1457026	1428227	1439288	1.08	cps
Molybdenum	94-1	7669	8006	7725	7800	2.31	cps
Molybdenum	95-1	1197	1080	1083	1120	5.93	cps
Molybdenum	96-1	2830	3020	2864	2905	3.49	cps
Molybdenum	97-1	593	580	640	604	5.21	cps
Molybdenum	98-1	1747	1703	1807	1752	2.96	cps
Neodymium	150-1	21633	22338	22538	22170	2.14	cps
Neodymium	150-2	13206	13336	12983	13175	1.36	cps
Nickel	60-2	404416	406354	402952	404574	0.42	cps
Phosphorus	31-2	3914	3824	4057	3932	2.99	cps
Potassium	39-2	402846	405191	399632	402556	0.69	cps
Rhodium	103-1	4747870	4721991	4871053	4780305	1.67	cps
Rhodium	103-2	3020495	2981264	2970614	2990791	0.88	cps
Scandium	45-1	3062073	3166029	3113252	3113785	1.67	cps
Scandium	45-2	294695	296001	296653	295783	0.34	cps
Selenium	82-1	7727	8014	7959	7900	1.93	cps
Selenium	77-2	807	840	840	829	2.32	cps
Selenium	78-2	2930	3000	2890	2940	1.89	cps
Silicon	28-1	5044882	5149565	5207332	5133926	1.60	cps
Silver	107-1	199158	208154	207209	204841	2.41	cps
Silver	109-1	188397	192886	194674	191986	1.68	cps
Sodium	23-2	62403	62817	62660	62627	0.33	cps
Strontium	86-1	38912	40105	39824	39613	1.57	cps
Strontium	88-1	340773	351694	351623	348030	1.81	cps
Sulfur	34-1	152092	149250	150307	150550	0.95	cps
Terbium	159-1	5705748	5892654	5818466	5805623	1.62	cps
Terbium	159-2	3958961	3871385	3909916	3913421	1.12	cps
Thallium	203-1	149049	155766	155692	153502	2.51	cps
Thallium	205-1	357288	365056	361670	361338	1.08	cps
Tin	118-1	3921	4011	3897	3943	1.52	cps
Titanium	47-1	136295	142155	141259	139903	2.26	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDB72SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-29 21:04:20	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3070	3117	3194	3127	1.99	cps
Vanadium	51-2	999715	1004383	1000200	1001433	0.26	cps
Yttrium	89-1	8914243	9122567	9060814	9032541	1.18	cps
Yttrium	89-2	2364833	2383988	2388439	2379087	0.53	cps
Zinc	66-2	211644	214310	212187	212713	0.66	cps
Zirconium	90-1	20268	20431	20341	20346	0.40	cps
Zirconium	91-1	4414	4681	4597	4564	2.99	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB72ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:07:29	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6845169	6785958	6699892	6777007	1.08	cps
Antimony	121-1	5821	5928	6008	5919	1.58	cps
Arsenic	75-2	41324	40899	41842	41355	1.14	cps
Barium	135-1	507194	520180	512331	513235	1.27	cps
Barium	137-1	870514	887003	877955	878491	0.94	cps
Beryllium	9-1	1120	1073	1213	1136	6.28	cps
Bismuth	209-1	3450005	3508092	3448049	3468715	0.98	cps
Bismuth	209-2	2749660	2791222	2737257	2759380	1.02	cps
Bromine	81-1	8583	8646	8806	8678	1.33	cps
Bromine	81-2	697	607	587	630	9.30	cps
Cadmium	108-1	163	183	183	177	6.54	cps
Cadmium	106-1	1920	1830	1780	1843	3.85	cps
Cadmium	111-1	2637	2600	2591	2609	0.93	cps
Calcium	43-1	281072	286582	290162	285939	1.60	cps
Calcium	44-1	4401190	4572998	4477605	4483931	1.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	141449	144310	141679	142479	1.12	cps
Cobalt	59-2	156504	155521	156541	156188	0.37	cps
Copper	63-2	403090	401394	408476	404320	0.91	cps
Dysprosium	156-1	51979	52066	51574	51873	0.51	cps
Dysprosium	156-2	42621	41936	43243	42600	1.54	cps
Erbium	164-1	42314	43865	43798	43326	2.02	cps
Erbium	164-2	28900	28953	29341	29065	0.83	cps
Gadolinium	160-1	50638	51066	50959	50888	0.44	cps
Gadolinium	160-2	36558	36481	36434	36491	0.17	cps
Holmium	165-1	5813986	5924342	5833221	5857183	1.01	cps
Holmium	165-2	4021530	4034303	3977419	4011084	0.74	cps
Indium	115-1	5134407	5133030	5042047	5103162	1.04	cps
Indium	115-2	1779869	1805653	1783782	1789768	0.78	cps
Iron	56-2	222161083	221598870	223176790	222312248	0.36	cps
Iron	57-2	5439721	5525377	5538840	5501313	0.98	cps
Iron	54-2	12283569	12379640	12150197	12271136	0.94	cps
Krypton	83-1	353	267	283	301	15.27	cps

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LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB72ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:07:29	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	219995	221741	219738	220491	0.49	cps
Lead	207-1	197107	193322	196741	195723	1.07	cps
Lead	208-1	879939	879306	883662	880969	0.27	cps
Lithium	6-1	453129	459562	433170	448620	3.07	cps
Magnesium	24-2	4253481	4244919	4192489	4230296	0.78	cps
Manganese	55-2	3026017	3076100	3054386	3052168	0.82	cps
Molybdenum	94-1	33308	34026	34350	33895	1.57	cps
Molybdenum	95-1	3630	3901	3864	3798	3.86	cps
Molybdenum	96-1	10964	11241	11328	11178	1.70	cps
Molybdenum	97-1	2324	2614	2320	2419	6.96	cps
Molybdenum	98-1	6071	6035	5931	6012	1.21	cps
Neodymium	150-1	94685	96028	95686	95466	0.73	cps
Neodymium	150-2	54839	55345	54568	54918	0.72	cps
Nickel	60-2	47813	46796	47355	47321	1.08	cps
Phosphorus	31-2	16566	16866	16696	16709	0.90	cps
Potassium	39-2	1400123	1398887	1384903	1394638	0.61	cps
Rhodium	103-1	4970270	4941409	4913196	4941625	0.58	cps
Rhodium	103-2	3010178	3051146	3018793	3026705	0.71	cps
Scandium	45-1	3384045	3398087	3361230	3381120	0.55	cps
Scandium	45-2	323134	327742	321152	324009	1.04	cps
Selenium	82-1	445	523	483	484	8.06	cps
Selenium	77-2	160	257	217	211	23.01	cps
Selenium	78-2	530	513	490	511	3.93	cps
Silicon	28-1	21935417	22102337	22250107	22095954	0.71	cps
Silver	107-1	11595	11375	11401	11457	1.05	cps
Silver	109-1	10861	10617	10744	10741	1.13	cps
Sodium	23-2	126252	128958	127587	127599	1.06	cps
Strontium	86-1	167311	168866	168948	168375	0.55	cps
Strontium	88-1	1524489	1525539	1560464	1536831	1.33	cps
Sulfur	34-1	158084	157825	155711	157207	0.83	cps
Terbium	159-1	6112984	6061497	6041594	6072025	0.61	cps
Terbium	159-2	4017865	4022259	3974208	4004777	0.66	cps
Thallium	203-1	1237	1303	1323	1288	3.52	cps
Thallium	205-1	3000	3180	3084	3088	2.92	cps
Tin	118-1	12095	11818	11895	11936	1.20	cps
Titanium	47-1	594265	604555	606968	601929	1.12	cps

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On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4318-20A	Instrumnet Name :	P7
Client Sample ID :	MYDB72ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:07:29	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12279	12196	12322	12266	0.52	cps
Vanadium	51-2	386456	388918	386894	387423	0.34	cps
Yttrium	89-1	10087270	10089389	10001717	10059459	0.50	cps
Yttrium	89-2	2594985	2642587	2554051	2597207	1.71	cps
Zinc	66-2	140057	141466	141389	140971	0.56	cps
Zirconium	90-1	86674	89948	87184	87935	2.00	cps
Zirconium	91-1	19026	19607	19556	19396	1.66	cps

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Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-08	Instrumnet Name :	P7
Client Sample ID :	MYDB99	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:10:40	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	640	717	793	717	10.70	cps
Antimony	121-1	60	90	137	96	40.43	cps
Arsenic	75-2	10	10	10	10	0.00	cps
Barium	135-1	200	153	180	178	13.17	cps
Barium	137-1	317	343	277	312	10.75	cps
Beryllium	9-1	30	17	43	30	44.43	cps
Bismuth	209-1	3431399	3336663	3396456	3388173	1.41	cps
Bismuth	209-2	2811847	2829394	2863440	2834894	0.93	cps
Bromine	81-1	6491	6555	6518	6522	0.49	cps
Bromine	81-2	97	73	83	84	13.87	cps
Cadmium	108-1	3	7	7	6	34.70	cps
Cadmium	106-1	1390	1327	1337	1351	2.52	cps
Cadmium	111-1	991	944	951	962	2.62	cps
Calcium	43-1	297	317	343	319	7.34	cps
Calcium	44-1	15525	15161	15368	15351	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	733	780	743	752	3.27	cps
Cobalt	59-2	197	173	187	186	6.31	cps
Copper	63-2	2500	2367	2497	2455	3.10	cps
Dysprosium	156-1	193	210	150	184	16.79	cps
Dysprosium	156-2	43	40	27	37	24.04	cps
Erbium	164-1	40	23	47	37	32.79	cps
Erbium	164-2	37	27	13	26	45.82	cps
Gadolinium	160-1	17	20	30	22	31.22	cps
Gadolinium	160-2	140	137	133	137	2.44	cps
Holmium	165-1	5706013	5596687	5671700	5658133	0.99	cps
Holmium	165-2	3971052	4044330	3969145	3994842	1.07	cps
Indium	115-1	4967875	4945298	5061631	4991601	1.24	cps
Indium	115-2	1748717	1756589	1744856	1750054	0.34	cps
Iron	56-2	25929	24907	25378	25405	2.01	cps
Iron	57-2	2937	2947	3090	2991	2.87	cps
Iron	54-2	2297	2294	2190	2260	2.68	cps
Krypton	83-1	243	207	220	223	8.31	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-08	Instrumnet Name :	P7
Client Sample ID :	MYDB99	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:10:40	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	423	403	300	376	17.63	cps
Lead	207-1	347	323	330	333	3.61	cps
Lead	208-1	1577	1563	1447	1529	4.68	cps
Lithium	6-1	470973	472045	477025	473348	0.68	cps
Magnesium	24-2	970	980	973	974	0.52	cps
Manganese	55-2	733	710	800	748	6.25	cps
Molybdenum	94-1	273	247	293	271	8.64	cps
Molybdenum	95-1	173	203	223	200	12.58	cps
Molybdenum	96-1	210	203	293	236	21.29	cps
Molybdenum	97-1	100	150	100	117	24.74	cps
Molybdenum	98-1	340	280	380	333	15.10	cps
Neodymium	150-1	7	10	10	9	21.63	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	113	120	130	121	6.93	cps
Phosphorus	31-2	167	160	213	180	16.15	cps
Potassium	39-2	83108	82425	83276	82936	0.54	cps
Rhodium	103-1	4875738	4764836	4816646	4819073	1.15	cps
Rhodium	103-2	2998511	2997756	3000405	2998891	0.05	cps
Scandium	45-1	3132003	2971262	3065142	3056136	2.64	cps
Scandium	45-2	284516	284530	286457	285168	0.39	cps
Selenium	82-1	334	341	336	337	1.12	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	370	340	310	340	8.82	cps
Silicon	28-1	266901	261974	263750	264208	0.94	cps
Silver	107-1	170	170	167	169	1.14	cps
Silver	109-1	157	173	117	149	19.56	cps
Sodium	23-2	46476	45551	45042	45690	1.59	cps
Strontium	86-1	520	660	447	542	19.99	cps
Strontium	88-1	1887	1877	1813	1859	2.14	cps
Sulfur	34-1	161850	164091	164690	163543	0.92	cps
Terbium	159-1	5846087	5632875	5839065	5772676	2.10	cps
Terbium	159-2	3962567	3966960	3934195	3954574	0.45	cps
Thallium	203-1	263	247	243	251	4.27	cps
Thallium	205-1	577	550	487	538	8.60	cps
Tin	118-1	1417	1317	1861	1532	18.93	cps
Titanium	47-1	260	220	217	232	10.38	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	P4317-08	Instrumnet Name :	P7
Client Sample ID :	MYDB99	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:10:40	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	90	50	60	67	31.22	cps
Vanadium	51-2	53	53	67	58	13.33	cps
Yttrium	89-1	8856094	8658938	8704159	8739730	1.18	cps
Yttrium	89-2	2338815	2300194	2308950	2315987	0.87	cps
Zinc	66-2	487	473	483	481	1.44	cps
Zirconium	90-1	320	370	433	374	15.17	cps
Zirconium	91-1	77	77	107	87	19.98	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:13:57	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7511920	7521208	7543827	7525652	0.22	cps
Antimony	121-1	3060707	3175832	3223522	3153353	2.65	cps
Arsenic	75-2	205997	207605	204186	205929	0.83	cps
Barium	135-1	3826670	3939560	3955405	3907212	1.80	cps
Barium	137-1	6660803	6702020	6792210	6718345	1.00	cps
Beryllium	9-1	345125	350913	352585	349541	1.12	cps
Bismuth	209-1	3512004	3592734	3523138	3542626	1.23	cps
Bismuth	209-2	2766414	2753947	2729535	2749965	0.68	cps
Bromine	81-1	7048	6935	6808	6931	1.73	cps
Bromine	81-2	47	53	70	57	21.21	cps
Cadmium	108-1	53709	56198	55901	55269	2.46	cps
Cadmium	106-1	78202	80354	80253	79603	1.53	cps
Cadmium	111-1	745926	764502	767585	759338	1.54	cps
Calcium	43-1	4366880	4428989	4417535	4404468	0.75	cps
Calcium	44-1	69813484	71694847	71421966	70976766	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1440411	1465079	1465698	1457063	0.99	cps
Cobalt	59-2	2319424	2295497	2306917	2307279	0.52	cps
Copper	63-2	16297556	16209338	16184317	16230404	0.37	cps
Dysprosium	156-1	283	277	313	291	6.71	cps
Dysprosium	156-2	303	300	263	289	7.68	cps
Erbium	164-1	187	177	137	167	15.87	cps
Erbium	164-2	93	67	127	96	31.46	cps
Gadolinium	160-1	160	127	130	139	13.22	cps
Gadolinium	160-2	223	257	243	241	6.96	cps
Holmium	165-1	6178051	6233448	6211697	6207732	0.45	cps
Holmium	165-2	4186597	4169612	4200303	4185504	0.37	cps
Indium	115-1	5249353	5272759	5111179	5211097	1.68	cps
Indium	115-2	1804717	1811976	1781479	1799391	0.89	cps
Iron	56-2	311375929	310308409	308907435	310197258	0.40	cps
Iron	57-2	7776714	7786329	7616858	7726634	1.23	cps
Iron	54-2	17283961	17292267	17212475	17262901	0.25	cps
Krypton	83-1	287	300	247	278	9.99	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:13:57	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9738201	10009278	10006667	9918048	1.57	cps
Lead	207-1	8442234	8835339	8857880	8711818	2.68	cps
Lead	208-1	38691866	39970623	39996757	39553082	1.89	cps
Lithium	6-1	503437	490559	487045	493680	1.75	cps
Magnesium	24-2	62948829	62131386	62493516	62524577	0.66	cps
Manganese	55-2	10328498	10235002	10316117	10293206	0.49	cps
Molybdenum	94-1	12276382	12483338	12389671	12383130	0.84	cps
Molybdenum	95-1	17762777	18096428	17948148	17935784	0.93	cps
Molybdenum	96-1	19451650	19703345	19679793	19611596	0.71	cps
Molybdenum	97-1	11020674	11237887	11285449	11181337	1.26	cps
Molybdenum	98-1	28423161	28700996	28902789	28675649	0.84	cps
Neodymium	150-1	177	203	177	186	8.30	cps
Neodymium	150-2	87	67	77	77	13.04	cps
Nickel	60-2	563577	558898	554575	559017	0.81	cps
Phosphorus	31-2	86741	87626	85708	86691	1.11	cps
Potassium	39-2	42482952	42474948	42552635	42503512	0.10	cps
Rhodium	103-1	5040977	5051434	4968832	5020414	0.90	cps
Rhodium	103-2	2954841	2932594	2974369	2953935	0.71	cps
Scandium	45-1	3308341	3411078	3342185	3353868	1.56	cps
Scandium	45-2	323057	318233	320391	320560	0.75	cps
Selenium	82-1	49860	50854	51003	50572	1.23	cps
Selenium	77-2	5258	4948	4891	5032	3.92	cps
Selenium	78-2	17280	17360	17117	17252	0.72	cps
Silicon	28-1	19978762	20461433	20273132	20237775	1.20	cps
Silver	107-1	3914594	4018308	4033877	3988926	1.63	cps
Silver	109-1	3747060	3773468	3788770	3769766	0.56	cps
Sodium	23-2	105737358	106071635	105128472	105645822	0.45	cps
Strontium	86-1	26033071	26413410	26458353	26301612	0.89	cps
Strontium	88-1	228032883	231694397	230802490	230176590	0.83	cps
Sulfur	34-1	399329	404836	407963	404042	1.08	cps
Terbium	159-1	6367037	6365722	6393737	6375499	0.25	cps
Terbium	159-2	4193298	4226139	4141868	4187102	1.01	cps
Thallium	203-1	2463538	2507231	2523968	2498246	1.25	cps
Thallium	205-1	5818365	5921862	5894432	5878220	0.91	cps
Tin	118-1	2462726	2504998	2499411	2489045	0.92	cps
Titanium	47-1	4661598	4694538	4740159	4698765	0.84	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:13:57	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7474060	7735077	7460861	7556666	2.05	cps
Vanadium	51-2	1337110	1336340	1318652	1330701	0.78	cps
Yttrium	89-1	9746689	9716237	9558140	9673688	1.05	cps
Yttrium	89-2	2497287	2508764	2496798	2500950	0.27	cps
Zinc	66-2	2685424	2662715	2640814	2662984	0.84	cps
Zirconium	90-1	5723831	5694646	5683075	5700518	0.37	cps
Zirconium	91-1	1215764	1252684	1245122	1237857	1.58	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:16:44	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	837	793	820	817	2.68	cps
Antimony	121-1	2127	1907	1953	1996	5.81	cps
Arsenic	75-2	20	17	10	16	32.73	cps
Barium	135-1	273	270	313	286	8.44	cps
Barium	137-1	537	517	407	487	14.38	cps
Beryllium	9-1	53	43	53	50	11.55	cps
Bismuth	209-1	3532858	3489527	3546989	3523125	0.85	cps
Bismuth	209-2	2800463	2835843	2807476	2814594	0.67	cps
Bromine	81-1	6655	6251	6108	6338	4.47	cps
Bromine	81-2	60	70	87	72	18.66	cps
Cadmium	108-1	13	0	30	14	104.07	cps
Cadmium	106-1	1567	1527	1483	1526	2.73	cps
Cadmium	111-1	1164	1142	1104	1137	2.67	cps
Calcium	43-1	653	707	683	681	3.92	cps
Calcium	44-1	21242	20861	20320	20808	2.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	740	727	787	751	4.20	cps
Cobalt	59-2	250	203	210	221	11.41	cps
Copper	63-2	1903	1830	1757	1830	4.01	cps
Dysprosium	156-1	167	203	167	179	11.83	cps
Dysprosium	156-2	53	43	37	44	18.87	cps
Erbium	164-1	57	30	47	44	30.31	cps
Erbium	164-2	33	27	27	29	13.31	cps
Gadolinium	160-1	13	27	30	23	37.81	cps
Gadolinium	160-2	110	207	140	152	32.51	cps
Holmium	165-1	5760591	5873386	5806380	5813452	0.98	cps
Holmium	165-2	4038039	4034188	3998502	4023577	0.54	cps
Indium	115-1	5237257	5225707	5166043	5209669	0.73	cps
Indium	115-2	1813277	1802968	1797189	1804478	0.45	cps
Iron	56-2	30598	30354	30668	30540	0.54	cps
Iron	57-2	3417	3394	3417	3409	0.40	cps
Iron	54-2	2540	2494	2584	2539	1.77	cps
Krypton	83-1	257	250	203	237	12.28	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:16:44	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	910	777	810	832	8.34	cps
Lead	207-1	850	713	570	711	19.69	cps
Lead	208-1	3660	3150	2984	3265	10.80	cps
Lithium	6-1	457956	444412	446319	449562	1.63	cps
Magnesium	24-2	2454	2267	2214	2311	5.45	cps
Manganese	55-2	1290	1357	1270	1306	3.48	cps
Molybdenum	94-1	1233	837	930	1000	20.74	cps
Molybdenum	95-1	1210	1023	1107	1113	8.40	cps
Molybdenum	96-1	1400	1160	1230	1263	9.77	cps
Molybdenum	97-1	810	687	683	727	9.93	cps
Molybdenum	98-1	1940	1533	1677	1717	12.02	cps
Neodymium	150-1	7	10	3	7	50.03	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	207	173	177	186	9.89	cps
Phosphorus	31-2	170	200	143	171	16.57	cps
Potassium	39-2	90557	91905	90517	90993	0.87	cps
Rhodium	103-1	5064505	5079418	5014466	5052796	0.67	cps
Rhodium	103-2	3063936	3085288	3042935	3064053	0.69	cps
Scandium	45-1	3282079	3237038	3179748	3232955	1.59	cps
Scandium	45-2	308520	304151	302973	305215	0.96	cps
Selenium	82-1	290	291	358	313	12.52	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	390	417	317	374	13.83	cps
Silicon	28-1	275067	273317	273920	274102	0.32	cps
Silver	107-1	453	313	353	373	19.32	cps
Silver	109-1	457	297	323	359	23.89	cps
Sodium	23-2	51931	51894	50927	51584	1.10	cps
Strontium	86-1	1410	1160	1073	1215	14.40	cps
Strontium	88-1	9373	7118	6622	7704	19.03	cps
Sulfur	34-1	180111	177325	179449	178962	0.81	cps
Terbium	159-1	6092949	6124663	6000791	6072801	1.06	cps
Terbium	159-2	4016588	4050818	3956013	4007807	1.20	cps
Thallium	203-1	587	560	423	523	16.74	cps
Thallium	205-1	1397	1347	1193	1312	8.07	cps
Tin	118-1	2054	2174	2214	2147	3.88	cps
Titanium	47-1	370	287	330	329	12.67	cps

Reviewed By:Mohan
On:10/29/2024 8:26:44 PM
Inst Id :P7

LB Number :	LB133196	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-10-29 21:16:44	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	267	243	180	230	19.50	cps
Vanadium	51-2	80	107	87	91	15.23	cps
Yttrium	89-1	9161887	9211673	9211885	9195148	0.31	cps
Yttrium	89-2	2434622	2433791	2381380	2416598	1.26	cps
Zinc	66-2	1050	1190	1013	1084	8.60	cps
Zirconium	90-1	1173	1137	990	1100	8.82	cps
Zirconium	91-1	320	277	197	264	23.66	cps

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Prep Standard - Chemical Standard Summary

Order ID : P4314

Test : Metals CLP MS FULL

Prepbatch ID : PB164269,

Sequence ID/Qc Batch ID: LB133179,LB133196,

Standard ID :
MP81119,MP82127,MP82568,MP82569,MP82570,MP82571,MP82572,MP82573,MP82574,MP82575,MP82576,MP82577,MP82578,MP82579,MP82580,MP82581,MP82583,MP82585,MP82586,MP82587,MP82908,MP82960,

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,M6026,M6028,M6030,M6033,M6037,M6040,M6055,M6088,W2606,W3112,

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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	10/30/2024	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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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1060	AG 1.0PPM	MP82908	10/24/2024	10/30/2024	Sarabjit Jaswal	None	None	Mohan Bera 10/25/2024

FROM 0.01000ml of M6030 + 9.99000ml of MP82568 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1051	TL 1PPM	MP82960	10/29/2024	10/31/2024	Sarabjit Jaswal	None	None	Mohan Bera 10/29/2024

FROM 0.01000ml of M6023 + 9.99000ml of MP82568 = Final Quantity: 10.000 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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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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
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.	57182 / Pb, 10000 PPM, 125 ml	110923	11/09/2026	05/05/2024 / jaswal	08/05/2024 / Jaswal	M6026

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

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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.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
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

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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	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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Certified Reference Material CRM

M6028

R 8/5/24

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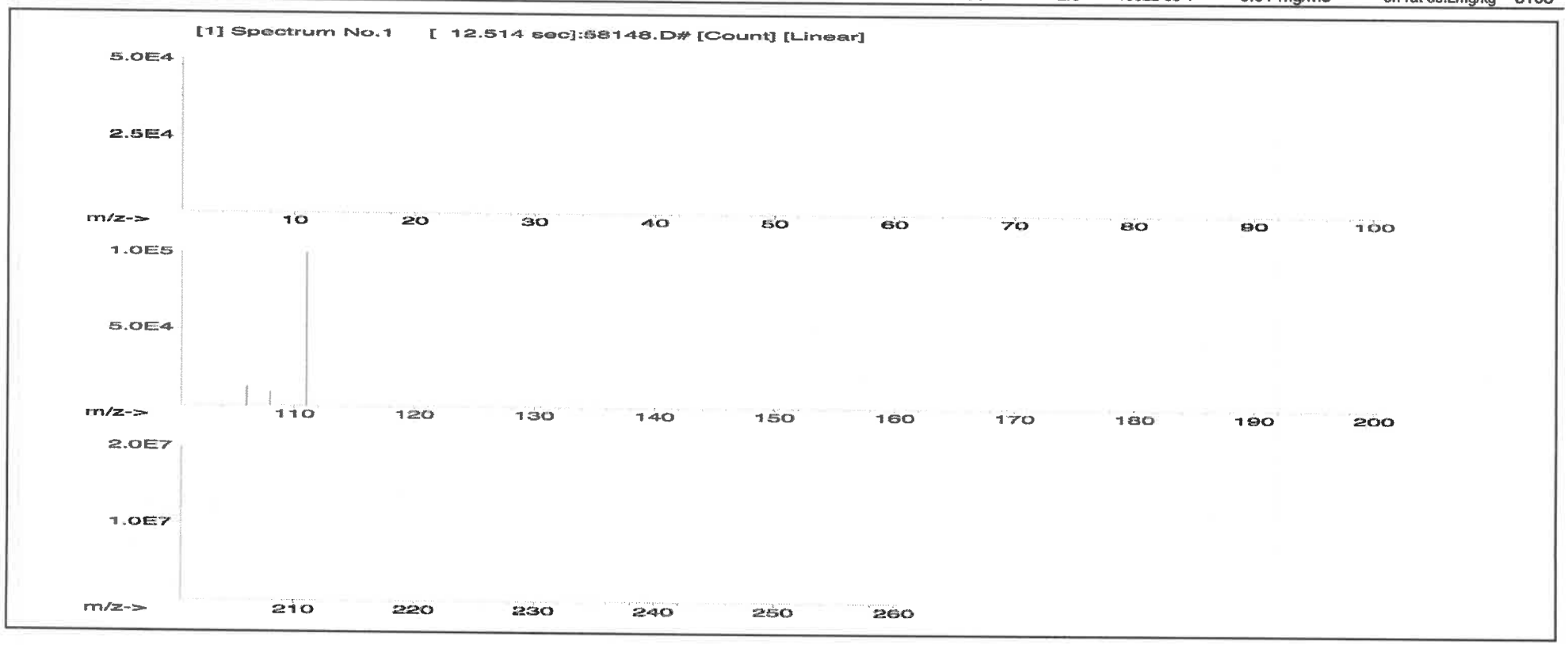
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady		
Formulated By:	Aleah O'Brady	070124
Pedro Rentas		
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/5/24

CERTIFIED WEIGHT REPORT:

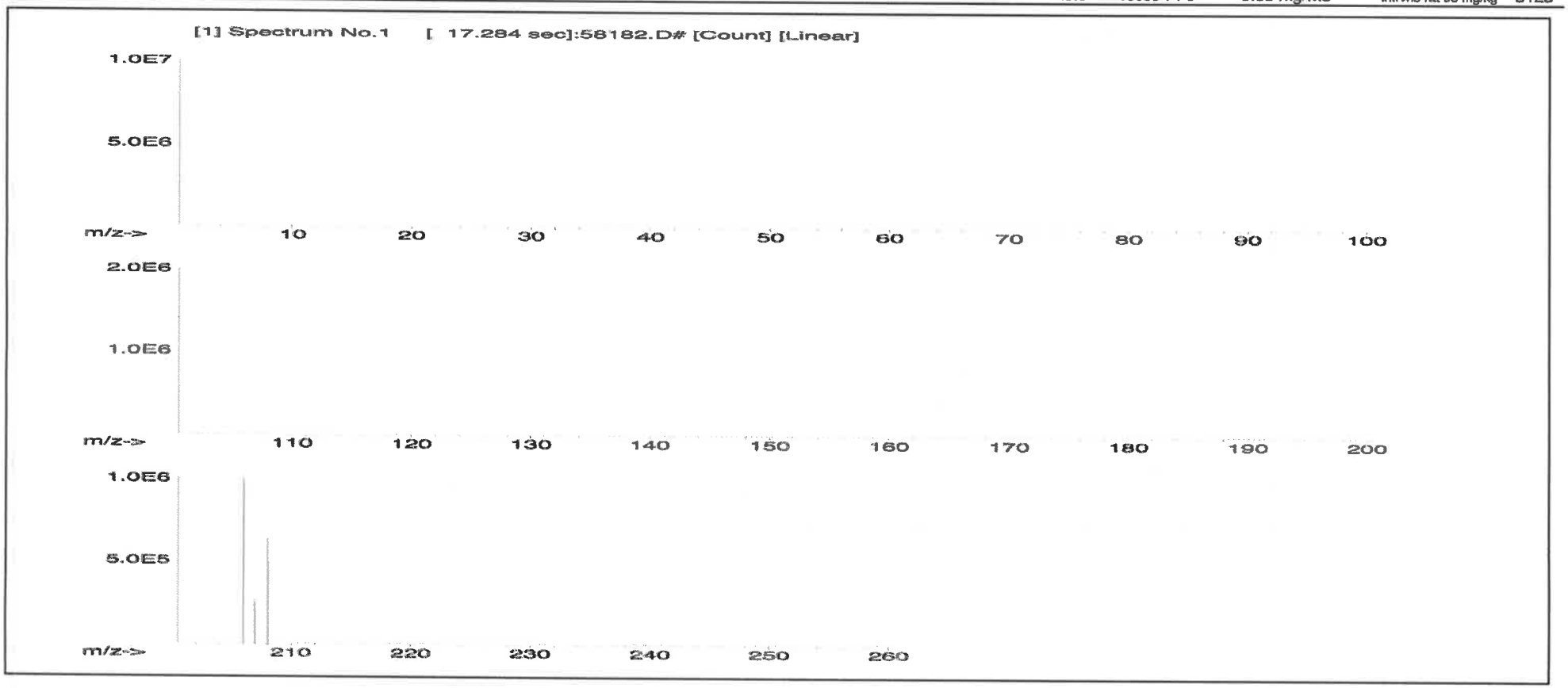
Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

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

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask 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.
* 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

M6026

R: 8/5/24

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

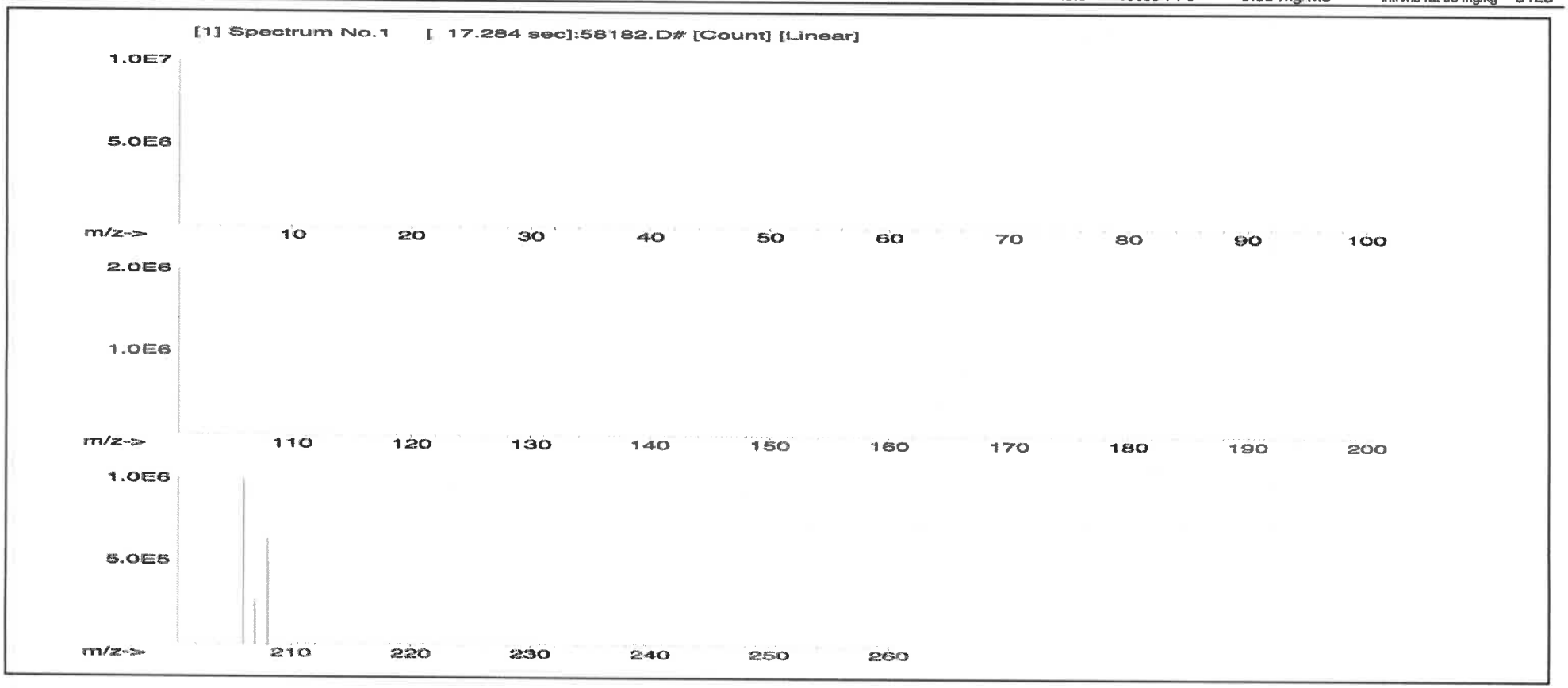
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* 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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M5192 R: 06/17/22

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CERTIFIED WEIGHT REPORT:

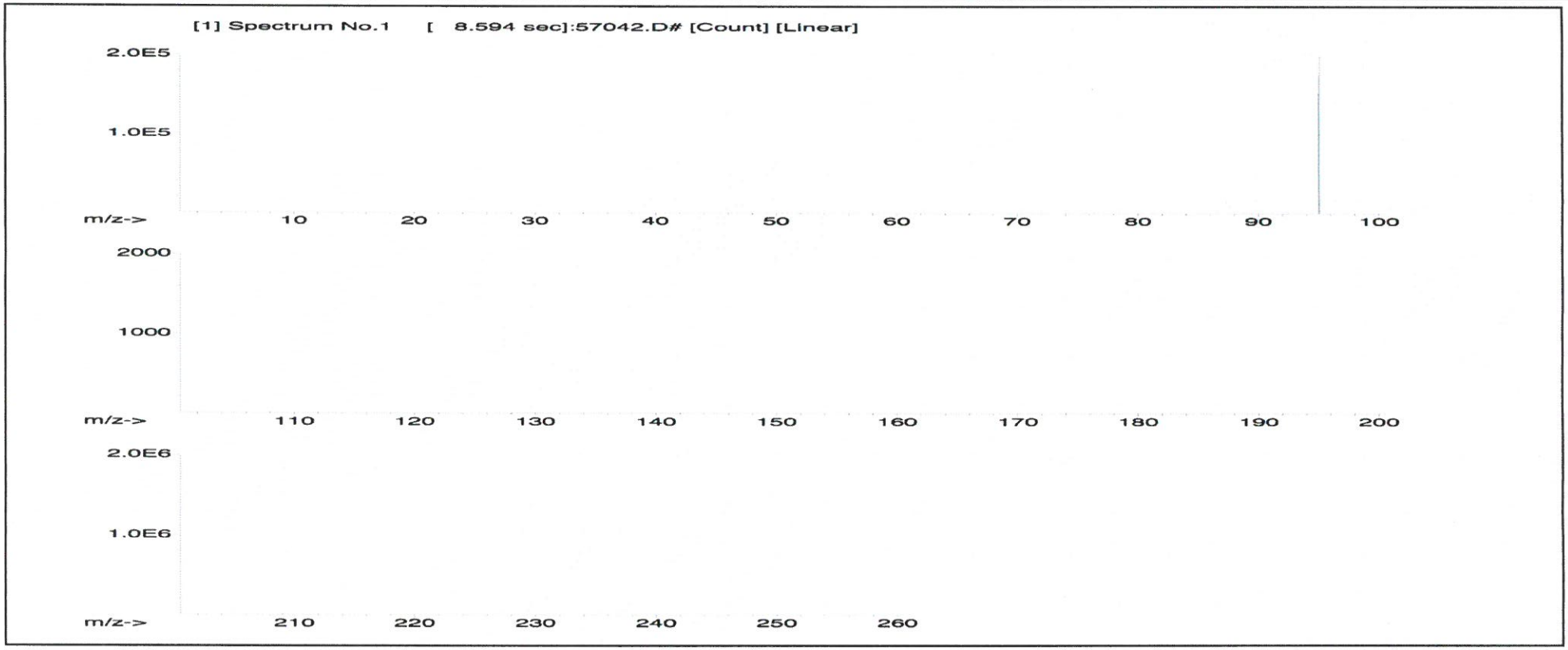
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)
Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Volume shown below was diluted to (mL): 3000.41

Lot #	Solvent:		
MKBQ8597V	Ammonium hydroxide		
0.5%	15.0 (mL)	Ammonium hydroxide	
	5E-05	Balance Uncertainty	
	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.

* 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).

V15200 R: 04/24/22 (BP)

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Certified Reference Material CRM

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

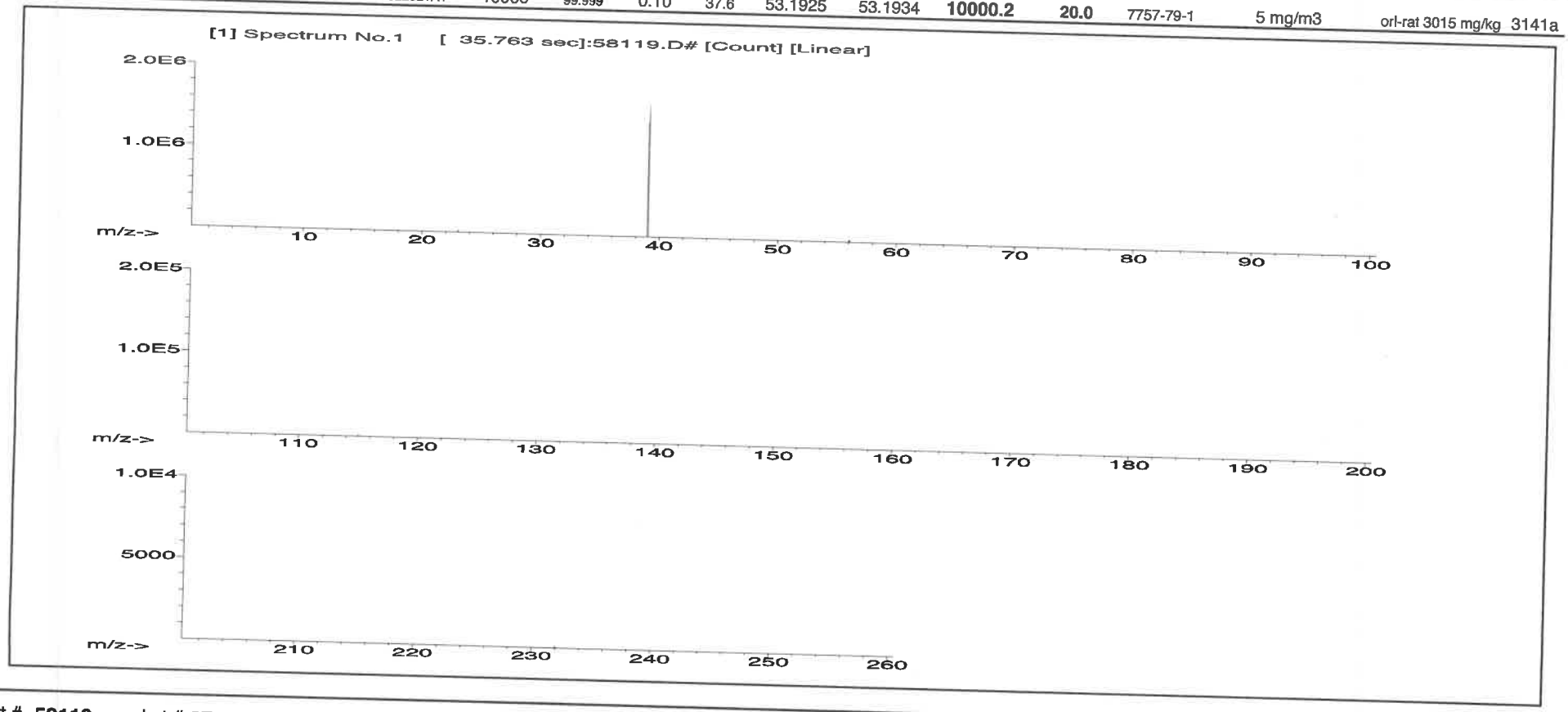
Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	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:

* 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

M5289 R: 07/12/22 BH

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

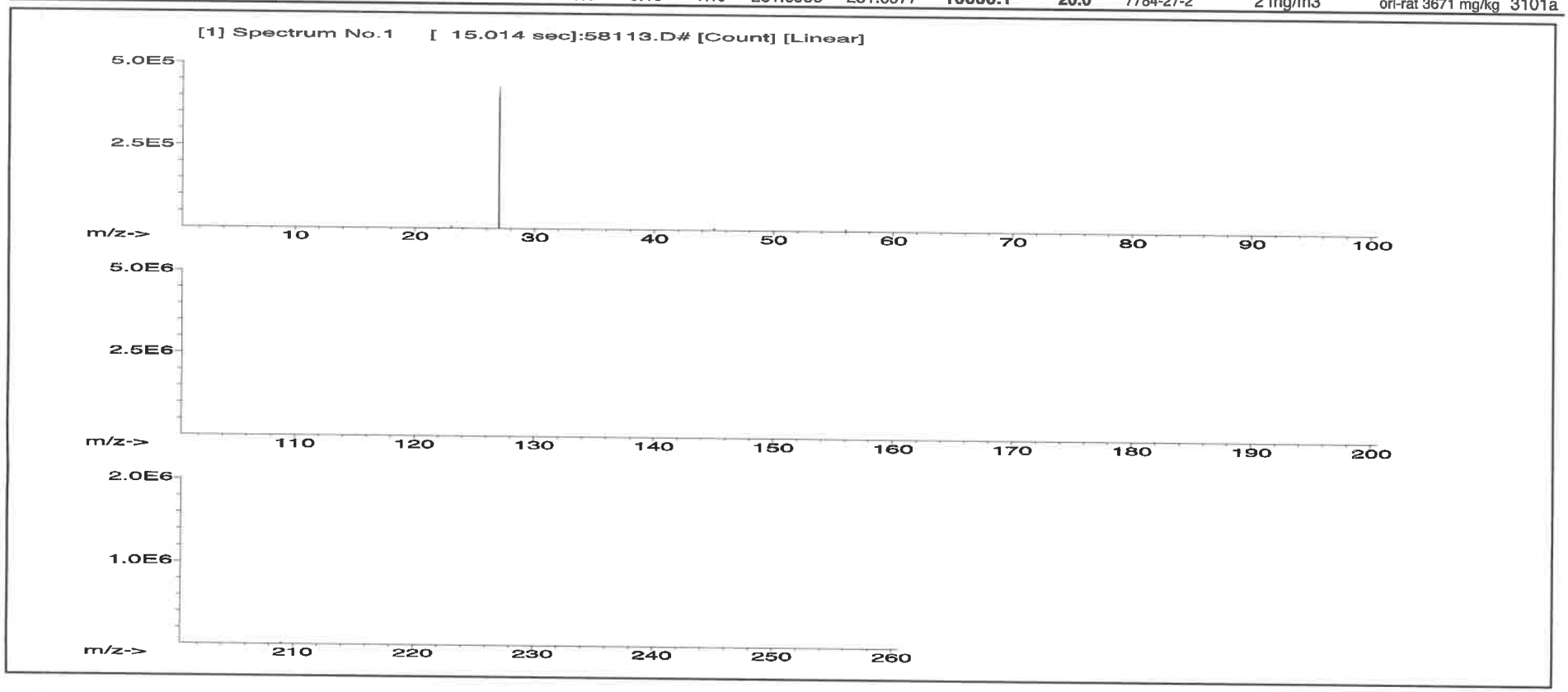
Part Number: 58113
Lot Number: 070622
Description: Aluminum (Al)

Expiration Date: 070625
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:	20370011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* 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).

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

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).

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

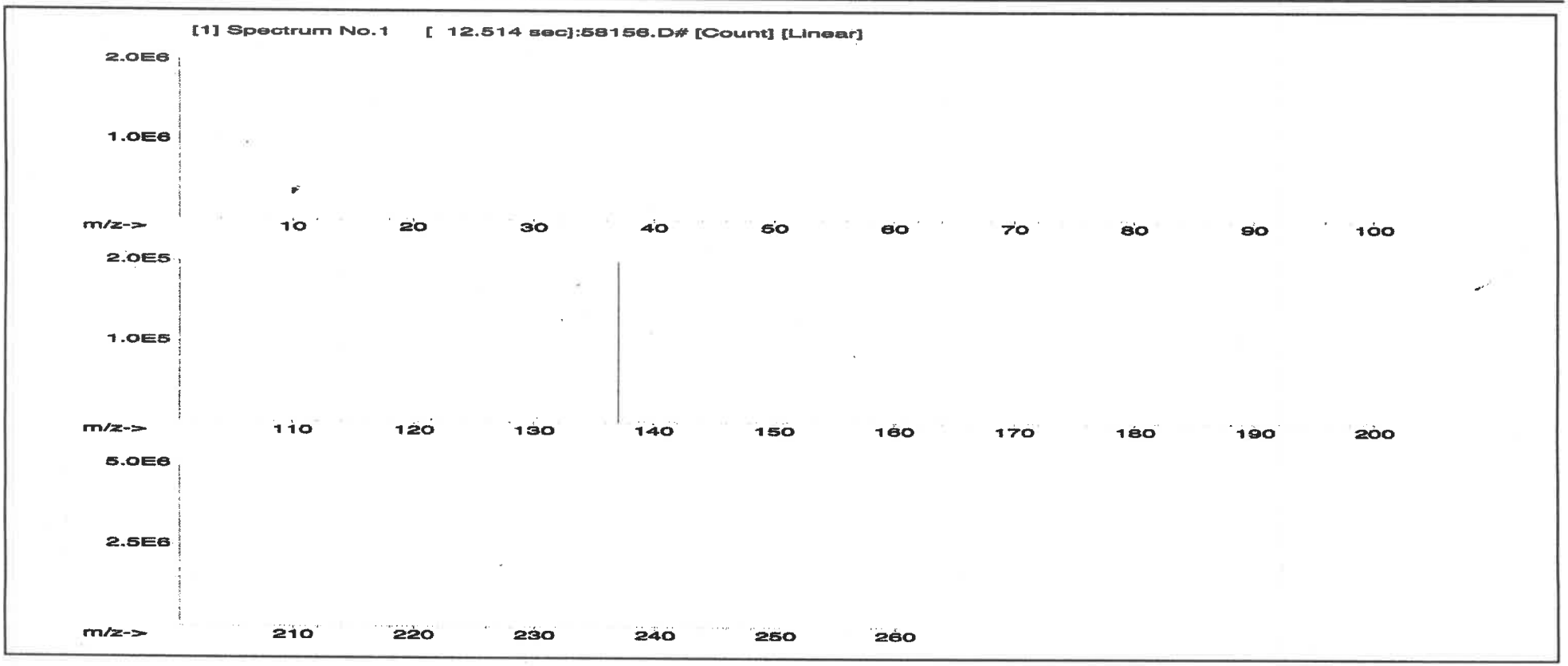
CERTIFIED WEIGHT REPORT:

Part Number:	**57056**		**Lot #**		
Lot Number:	**072122**	**Solvent:**	20510011	Nitric Acid	
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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AR-1539 Certificate Number
https://Absolutestandards.com

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

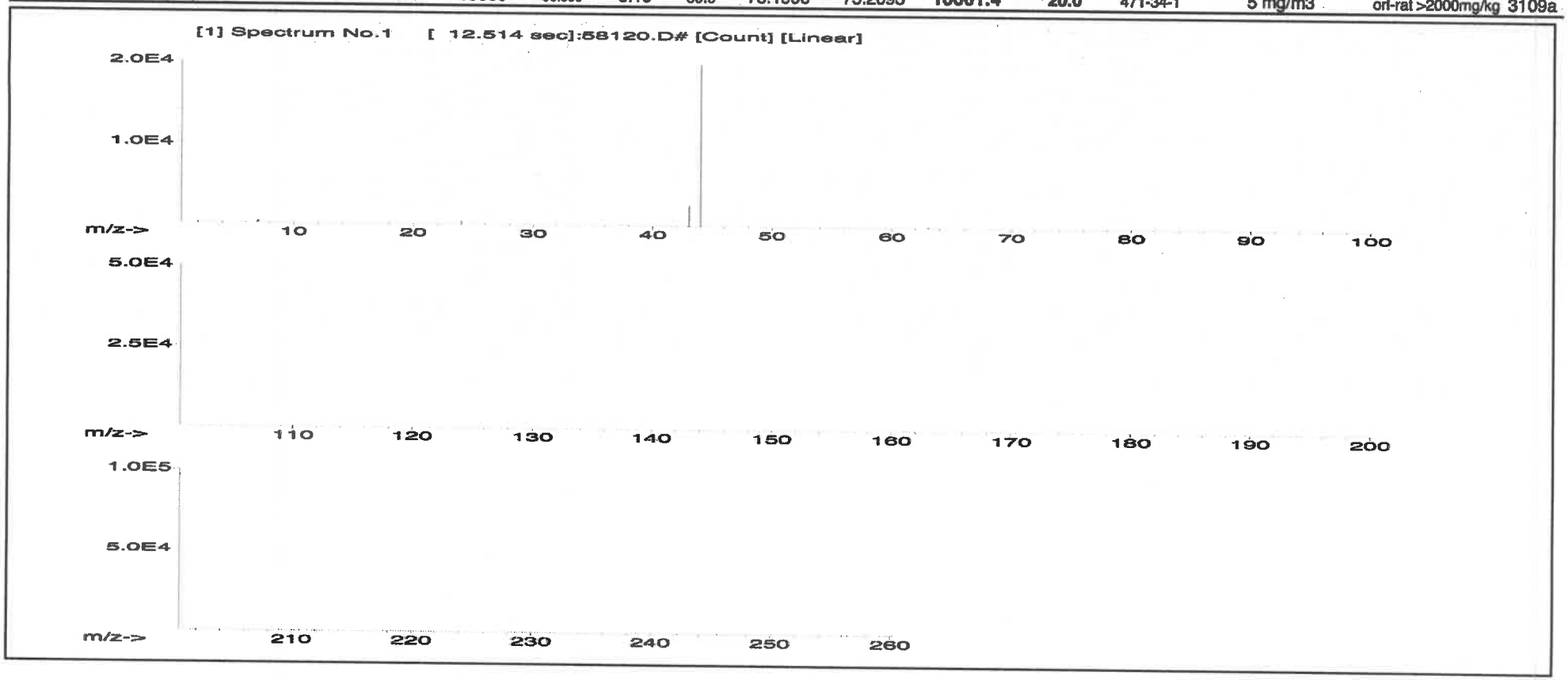
		Lot #	
Solvent:	21110221		Nitric Acid
	2%	60.0 (mL)	Nitric Acid

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.
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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

M 5513 R: 03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

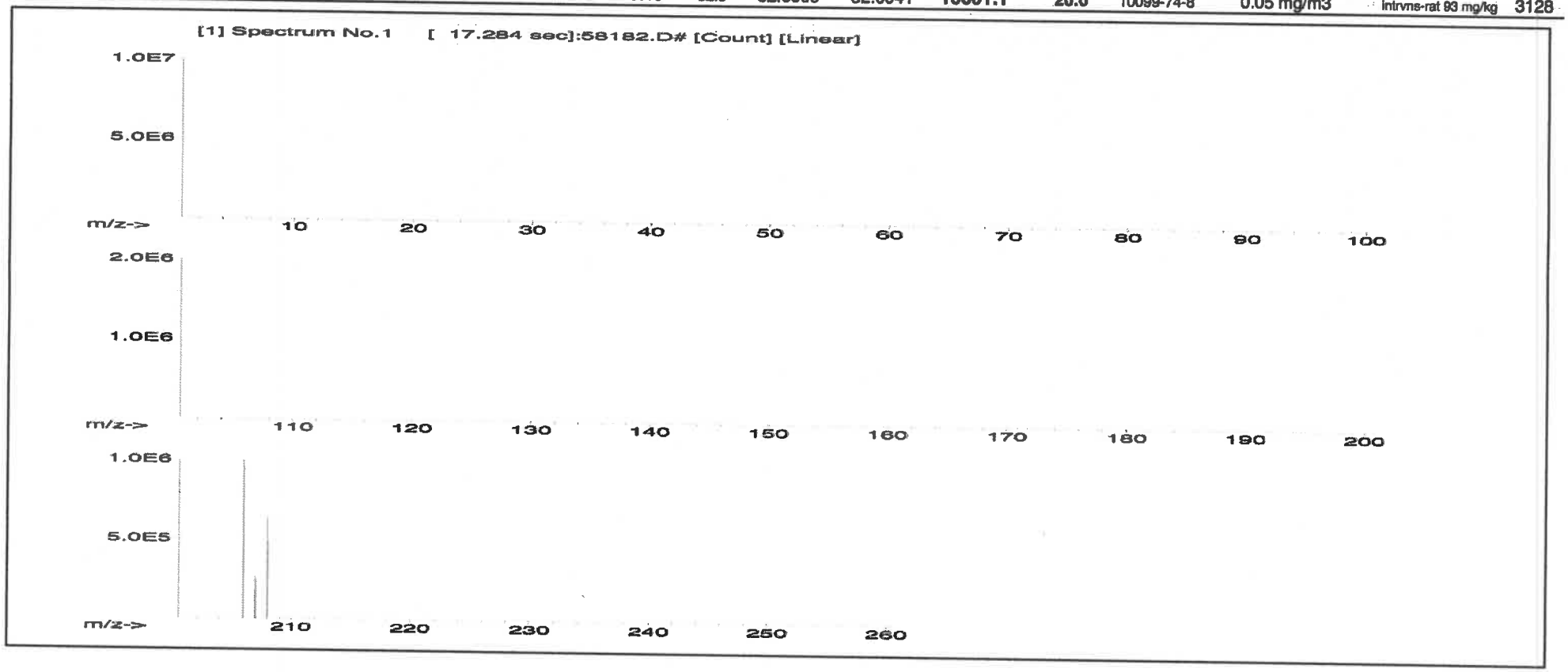
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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Certified Reference Material CRM

M5514 - M5515 R: 03/17/22

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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

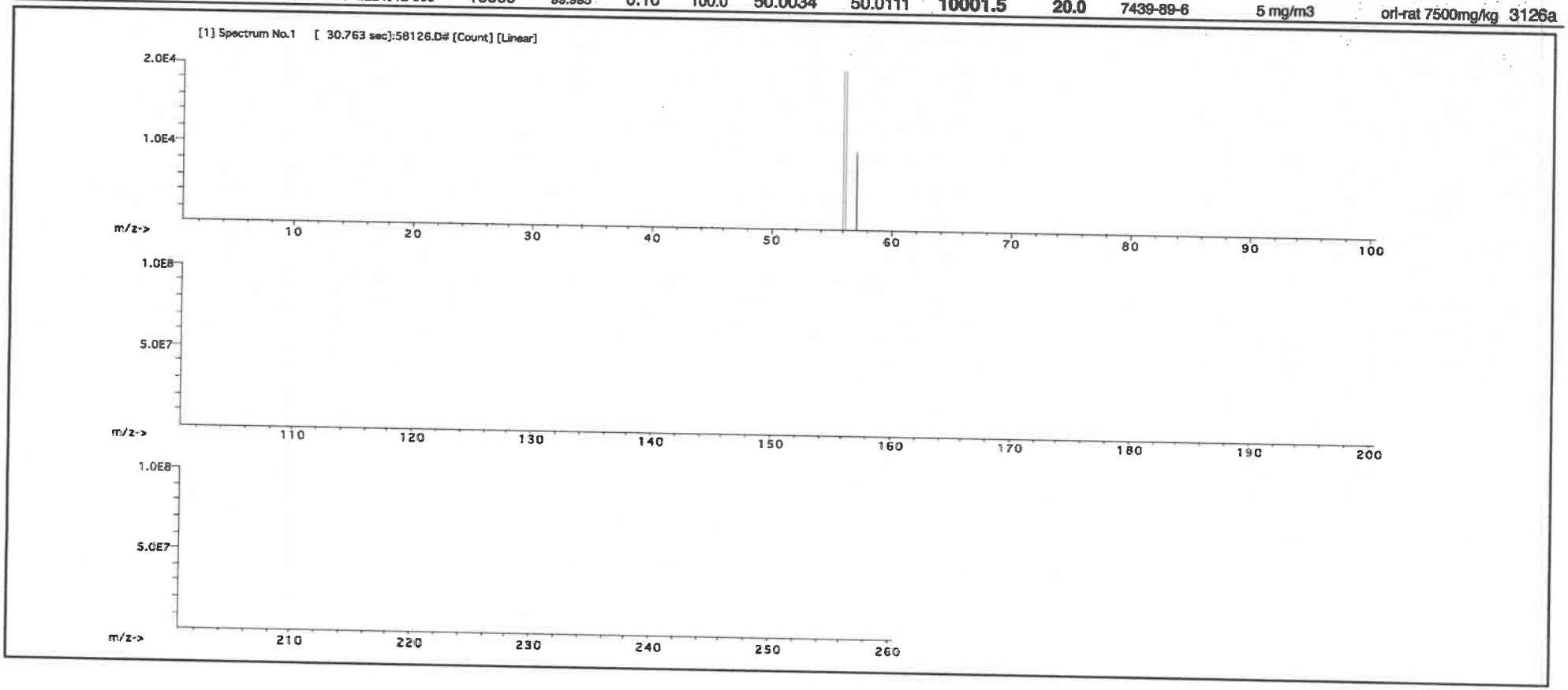
	Lot #		
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	092122
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.
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Certified Reference Material CRM

M5519. M5520 (BH) R:03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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

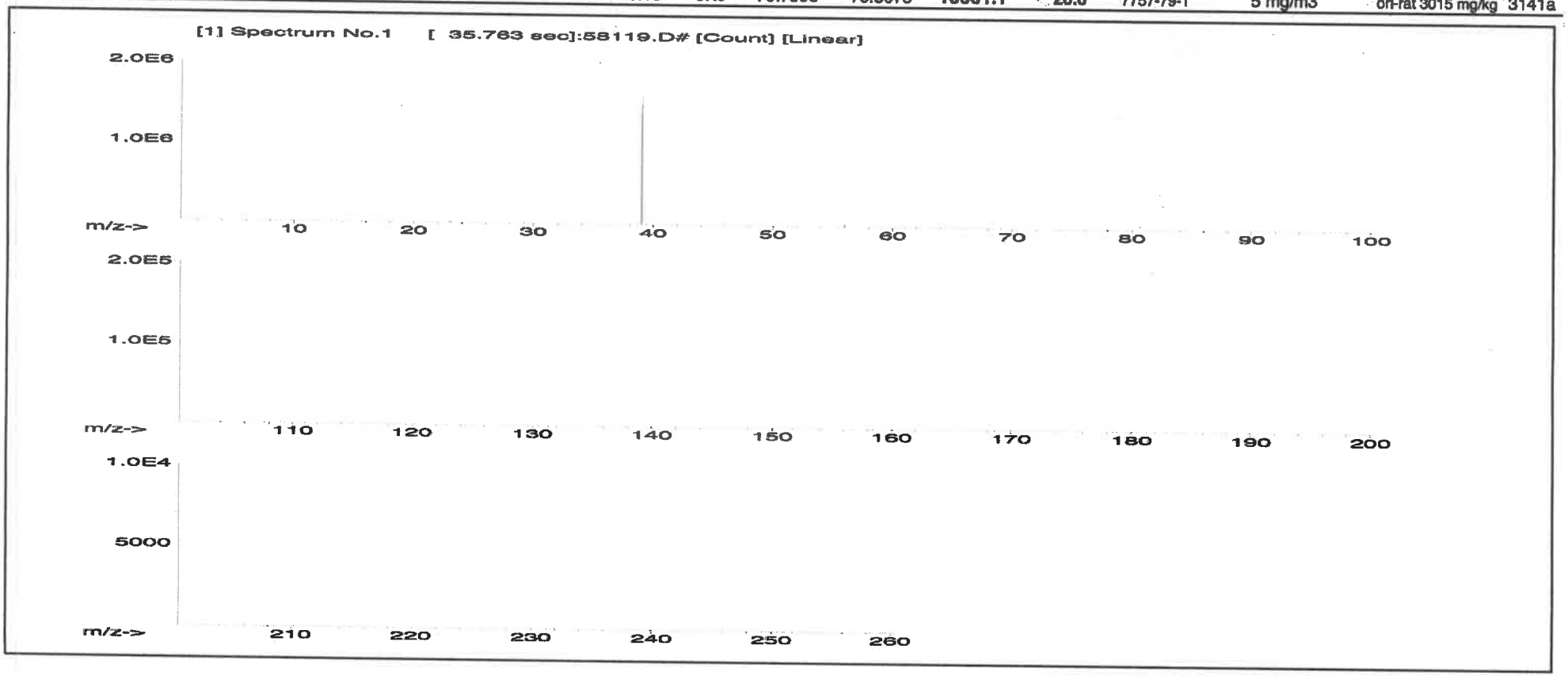
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

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:

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

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Christiansburg, VA 24073 USA
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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

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 (t) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

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 (t) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

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
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

M5657 R: 8/29/22

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:	CLPP-SPK-4
Lot Number:	T2-MEB721144
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	99.9 ± 0.8 µg/mL	Arsenic, As	40.00 ± 0.25 µg/mL
Cadmium, Cd	49.96 ± 0.22 µg/mL	Lead, Pb	19.99 ± 0.10 µg/mL
Selenium, Se	10.00 ± 0.06 µg/mL	Thallium, Tl	49.96 ± 0.32 µg/mL

Density: 1.014 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	traceable to 3103a	R2-AS691113
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 07, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **July 07, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5658 R! 8/25/23

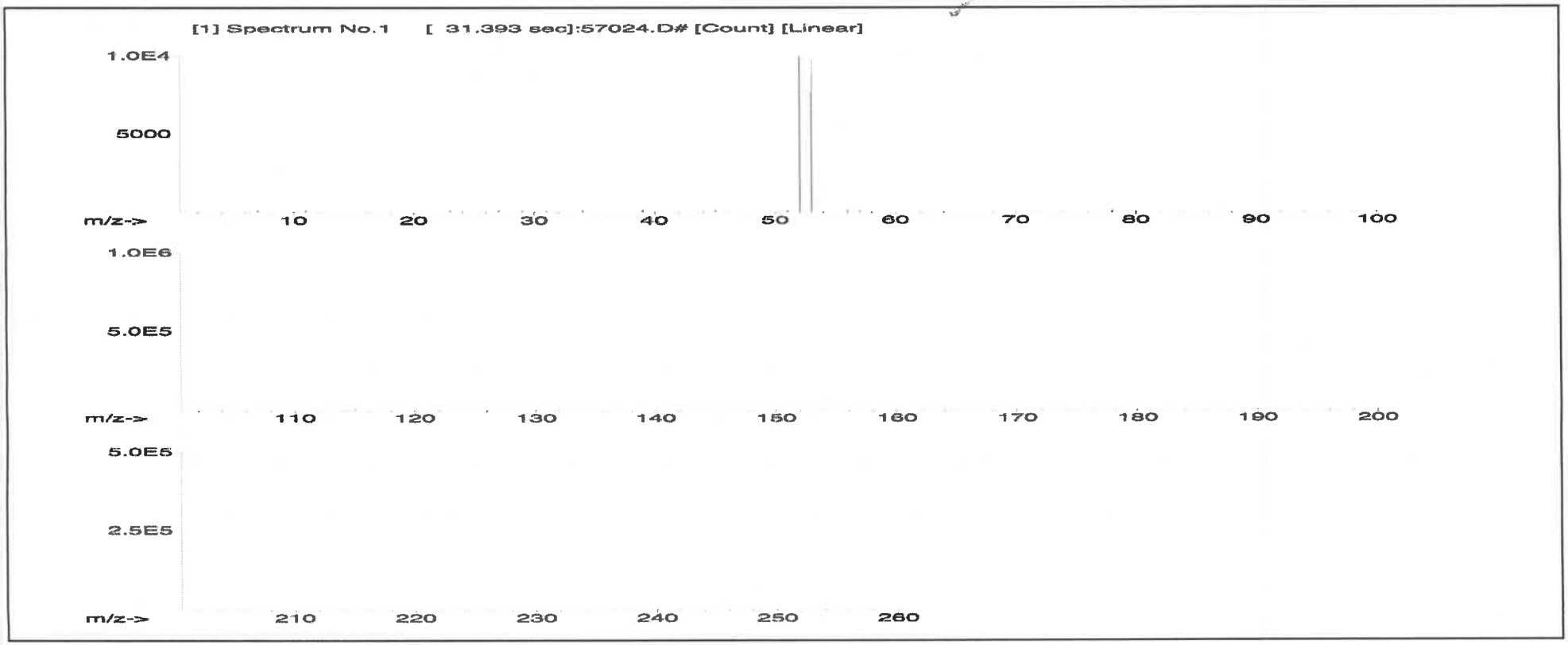
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	21110221	Nitric Acid	
Lot Number:	**060523**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5697 R: 10/27/23

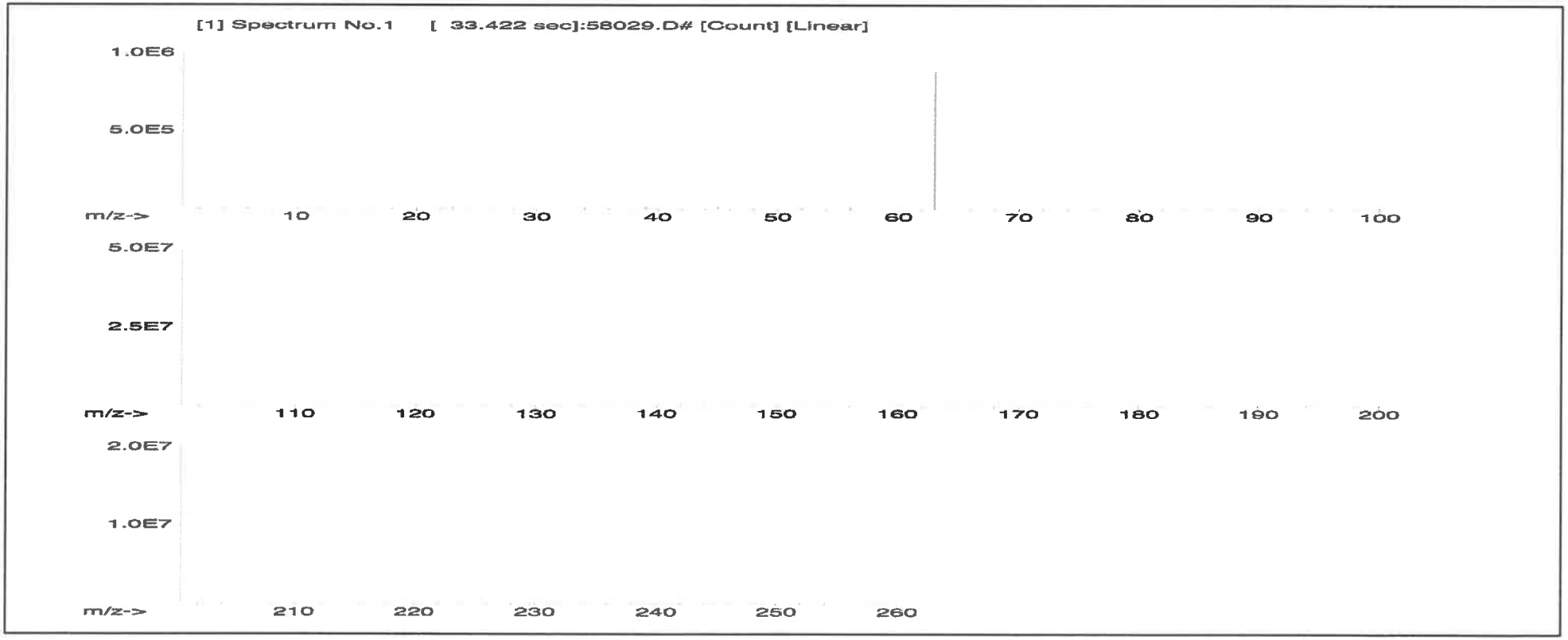
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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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Certified Reference Material CRM

M5648 R: 10/27/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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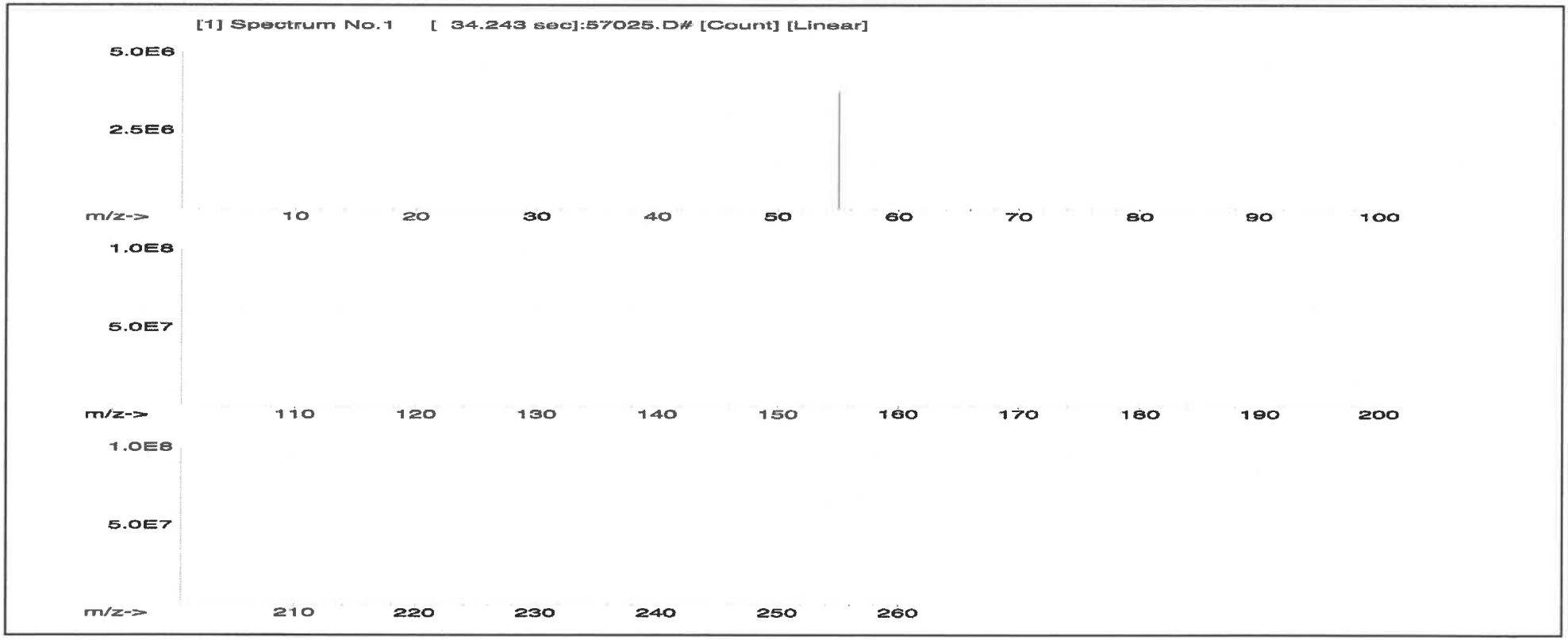
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58025**	24002546	Nitric Acid	
Lot Number:	**102623**			
Description:	**Manganese (Mn)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	102626			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102623
Reviewed By:	Pedro L. Rentas	102623

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.1000	300.0	0.084	1000	10000.1	**1000.0**	**2.1**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

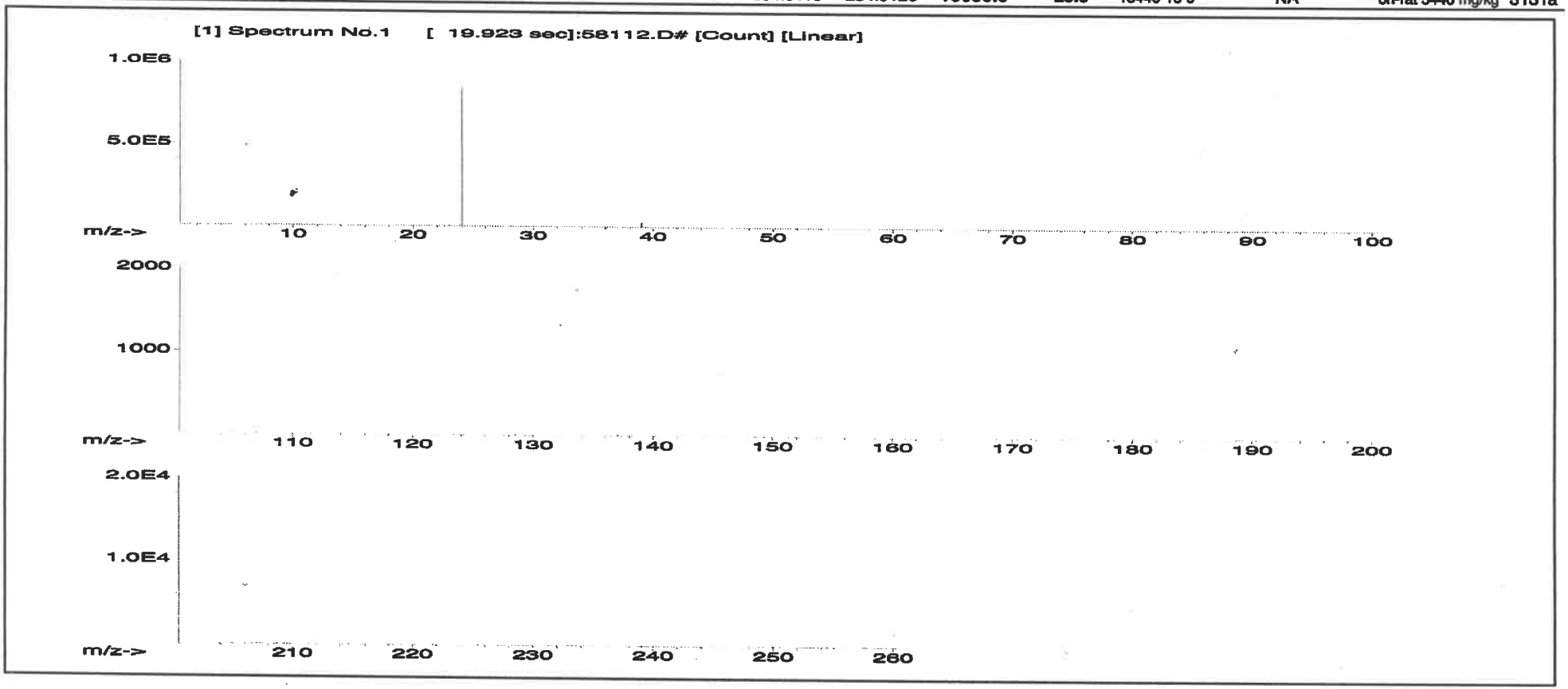
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

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	orl-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:

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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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

Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

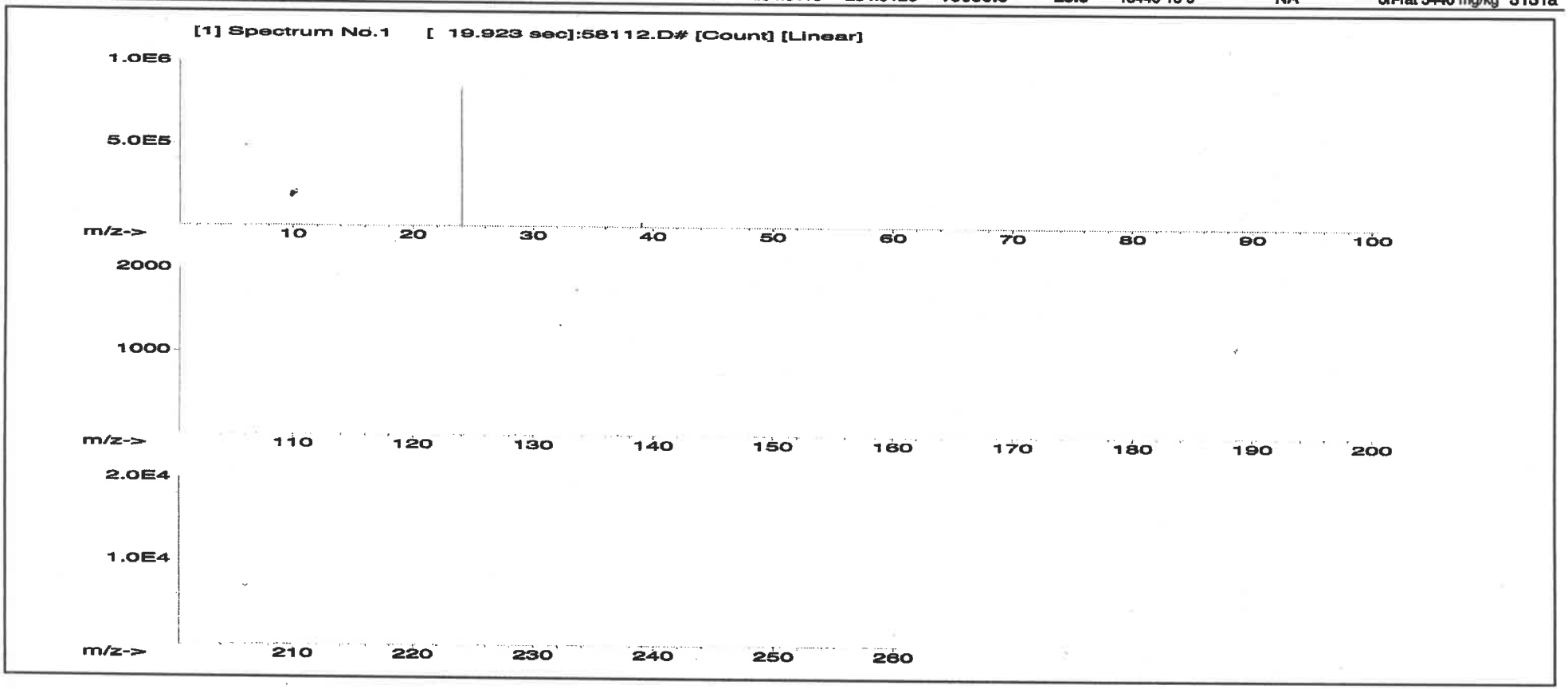
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

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	orl-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:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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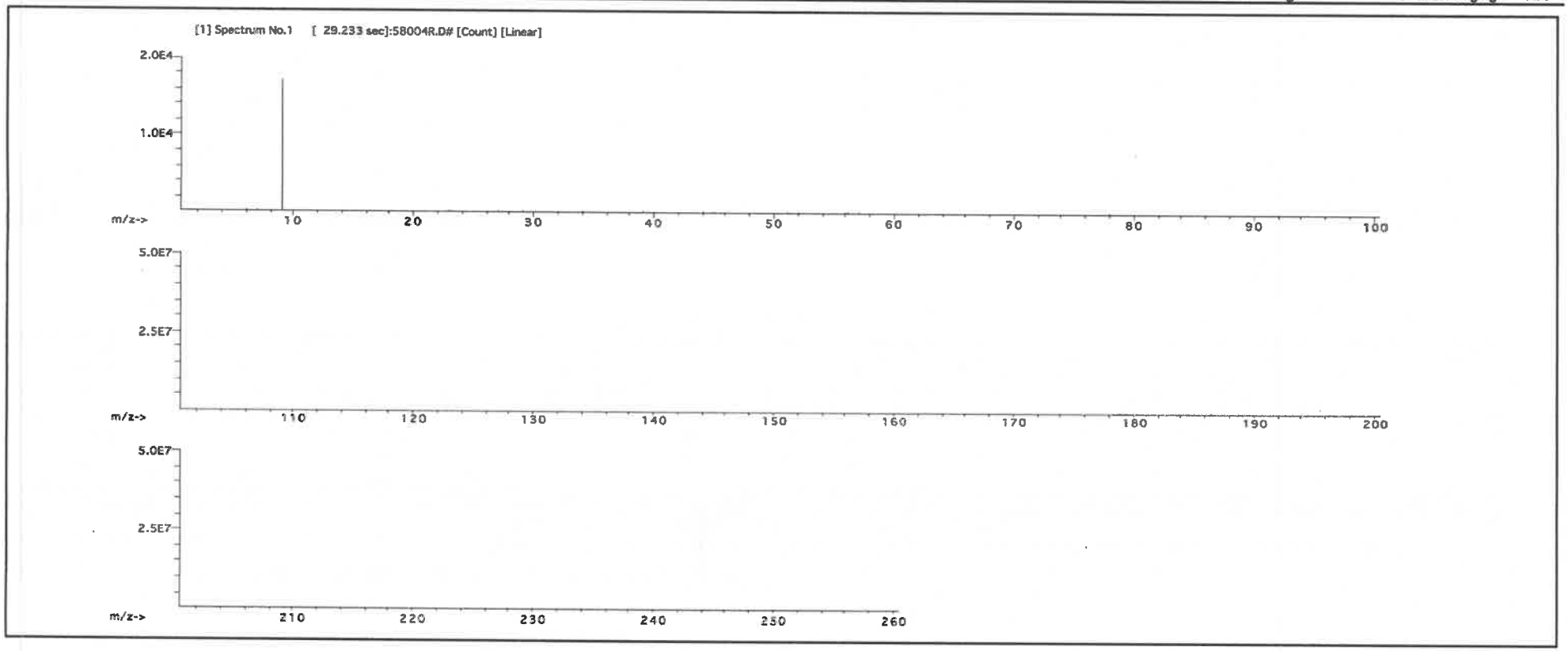
CERTIFIED WEIGHT REPORT:

		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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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

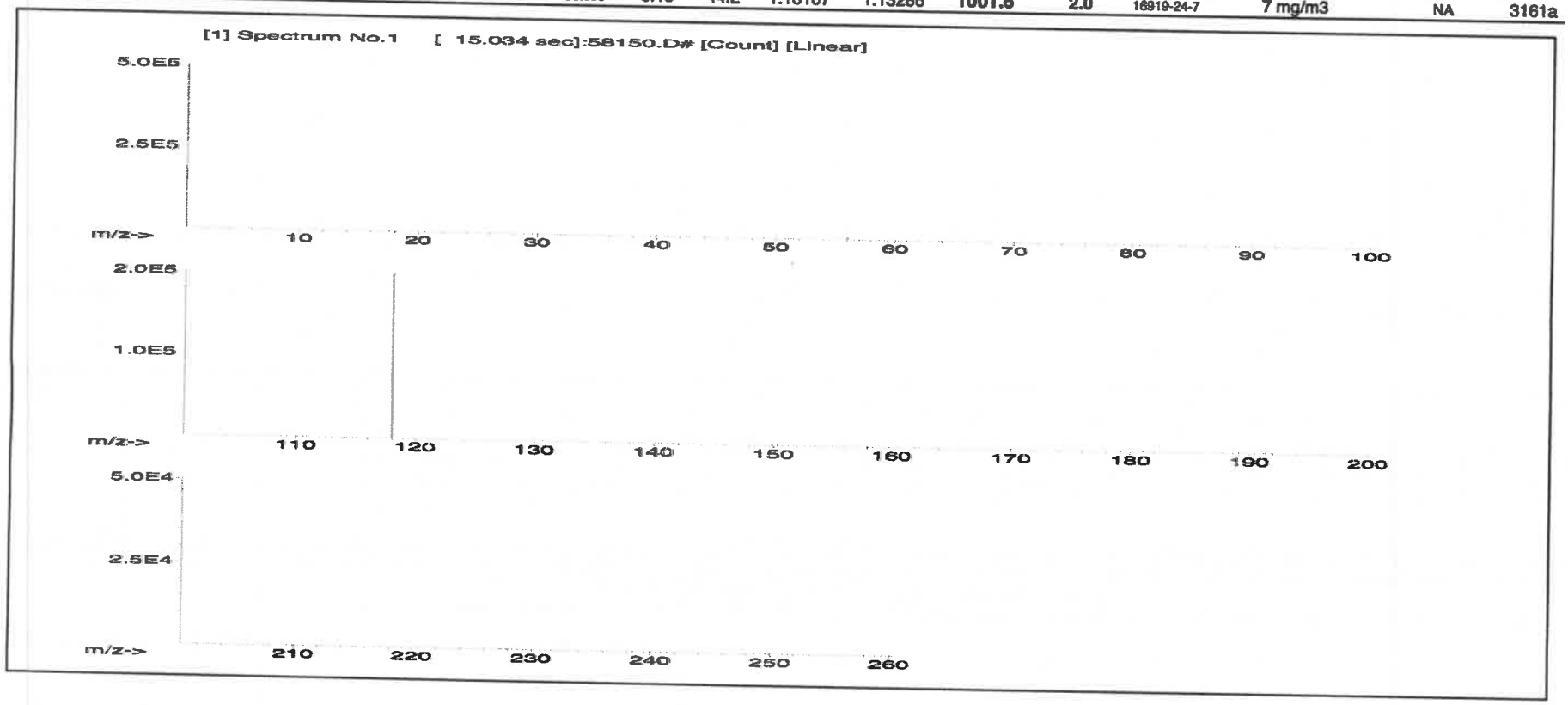
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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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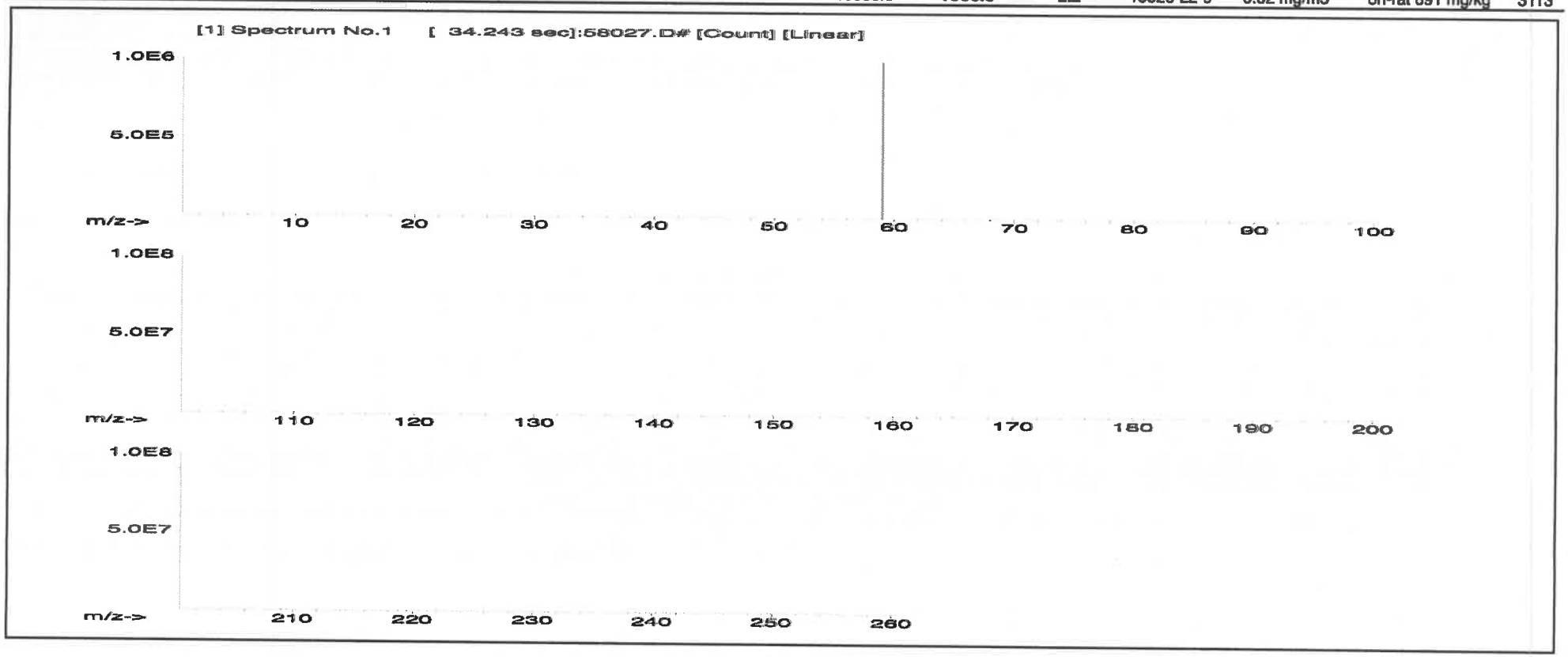
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**				
		2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091923
Reviewed By:	Pedro L. Rentas	091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	**2.2**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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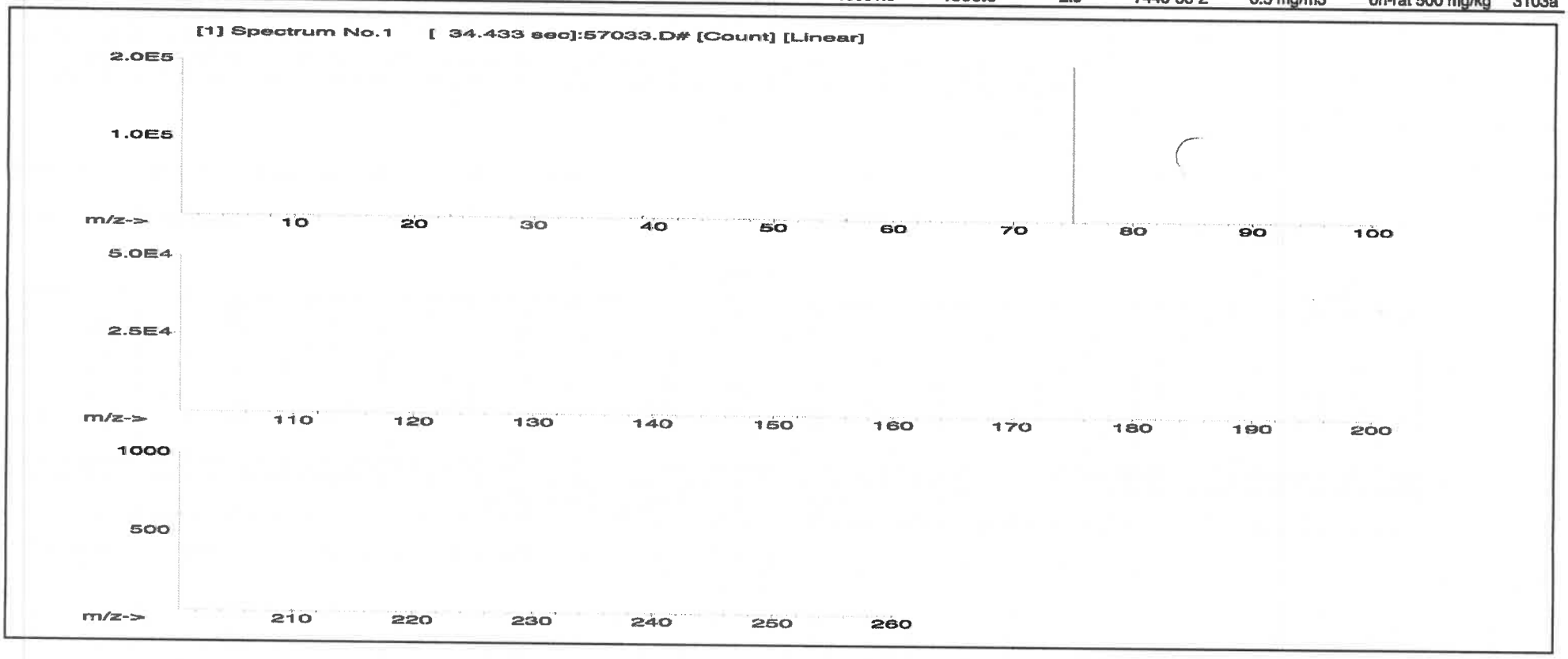
CERTIFIED **WEIGHT** REPORT:

		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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R1 02/09/24. M58165

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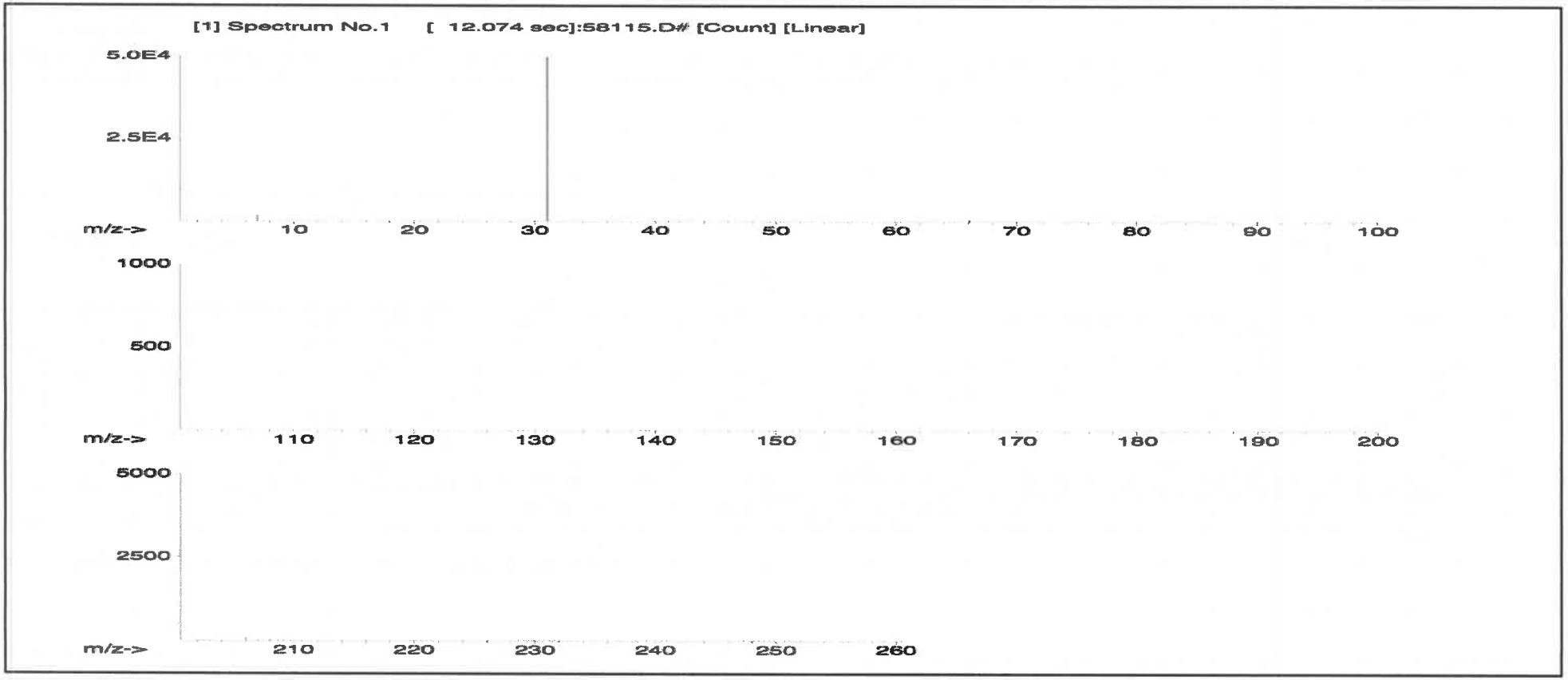
CERTIFIED WEIGHT REPORT:

			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.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5816

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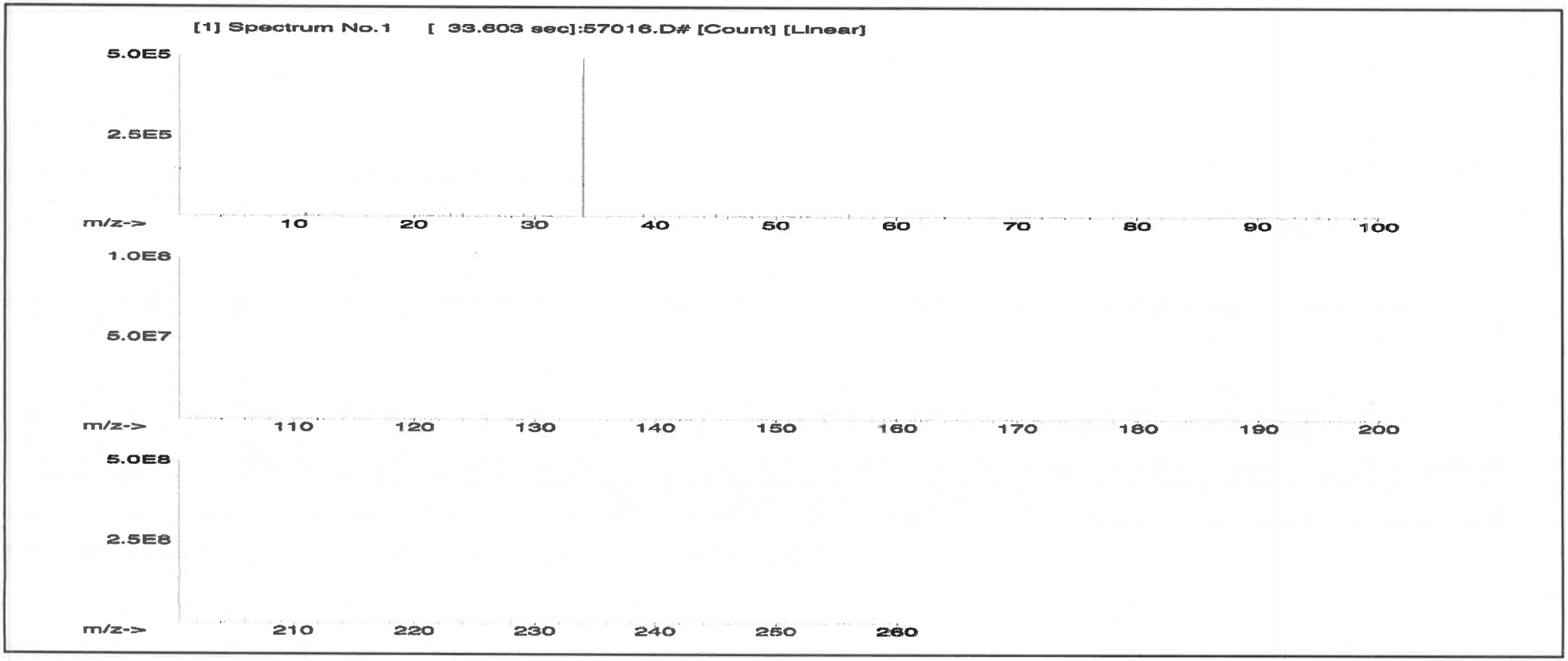
CERTIFIED WEIGHT REPORT:

Part Number:	**57016**	**Solvent:**	**Lot #** 122923	ASTM Type 1 Water
Lot Number:	**122923**			
Description:	**Sulfur (S)**			
Expiration Date:	122926			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty	

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5817

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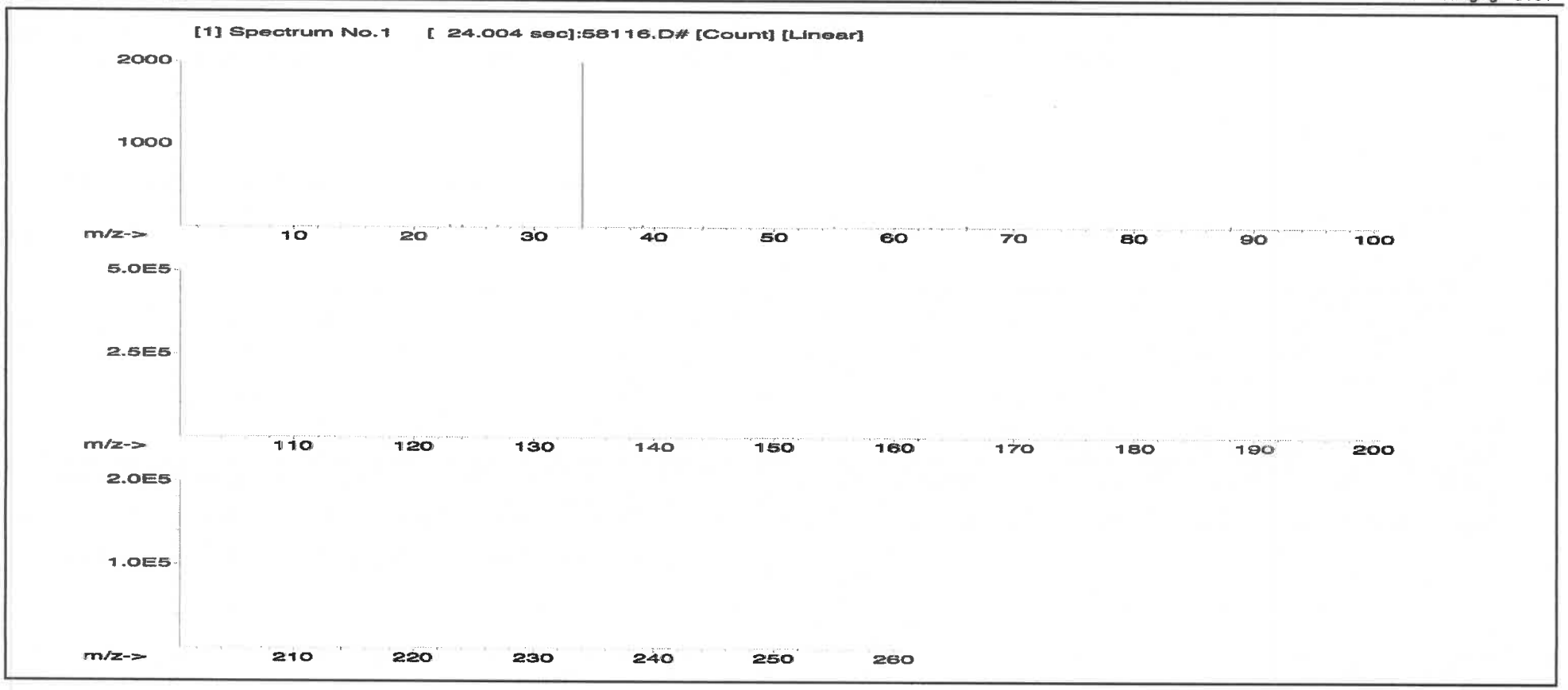
CERTIFIED WEIGHT REPORT:

Part Number:	**57116**			
Lot Number:	**071123**	**Solvent:**	071123	ASTM Type 1 Water
Description:	**Sulfur (S)**			
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	

Lot #

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:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M.5818

Lot #

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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

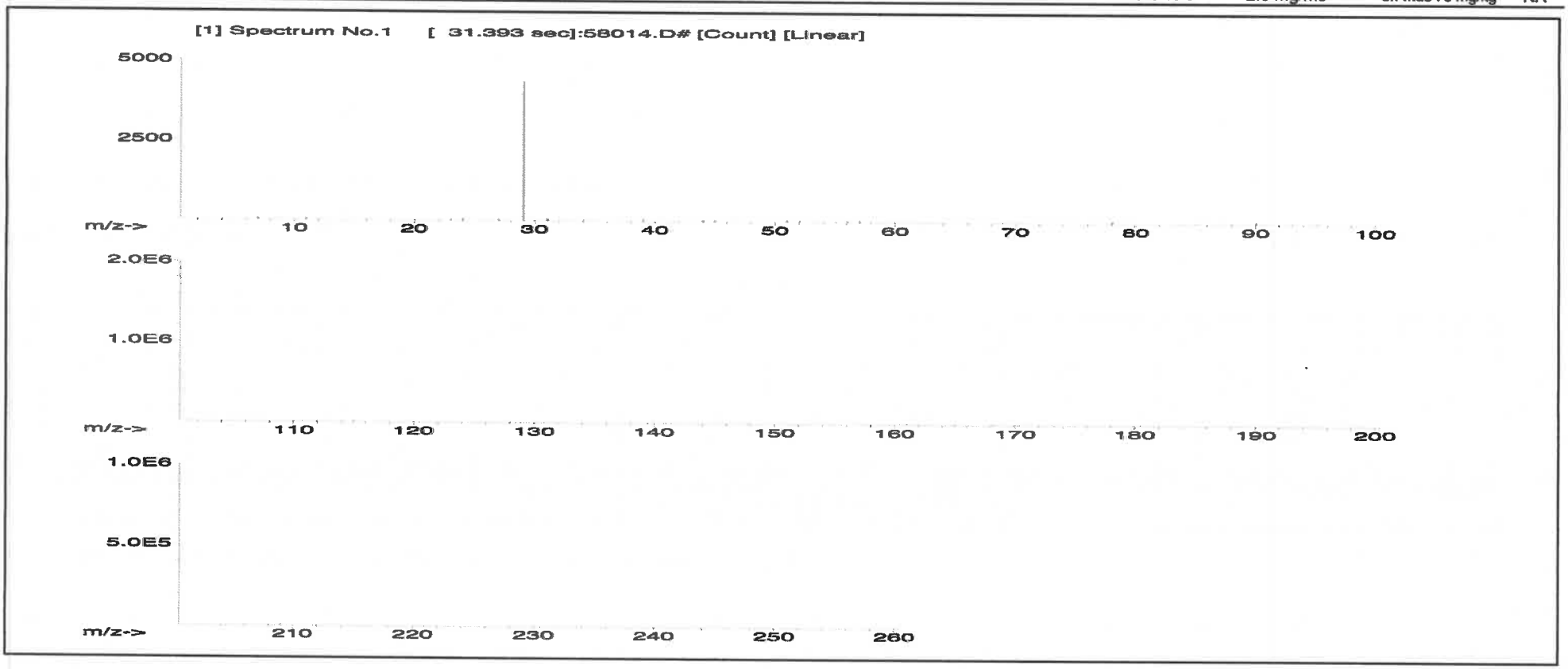
Aleah O'Brady

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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R: 02/09/24 M5819

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CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

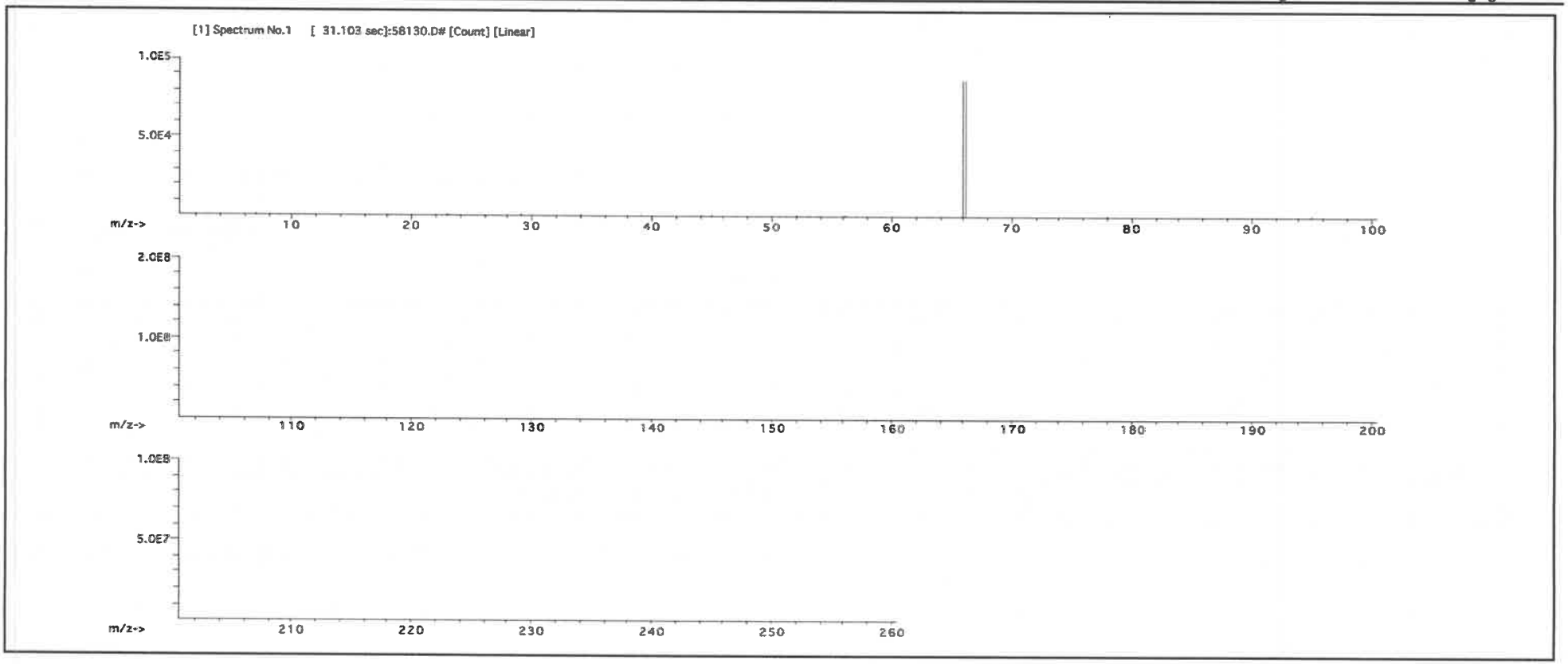
Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

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:

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R: 02/09/24 M5820

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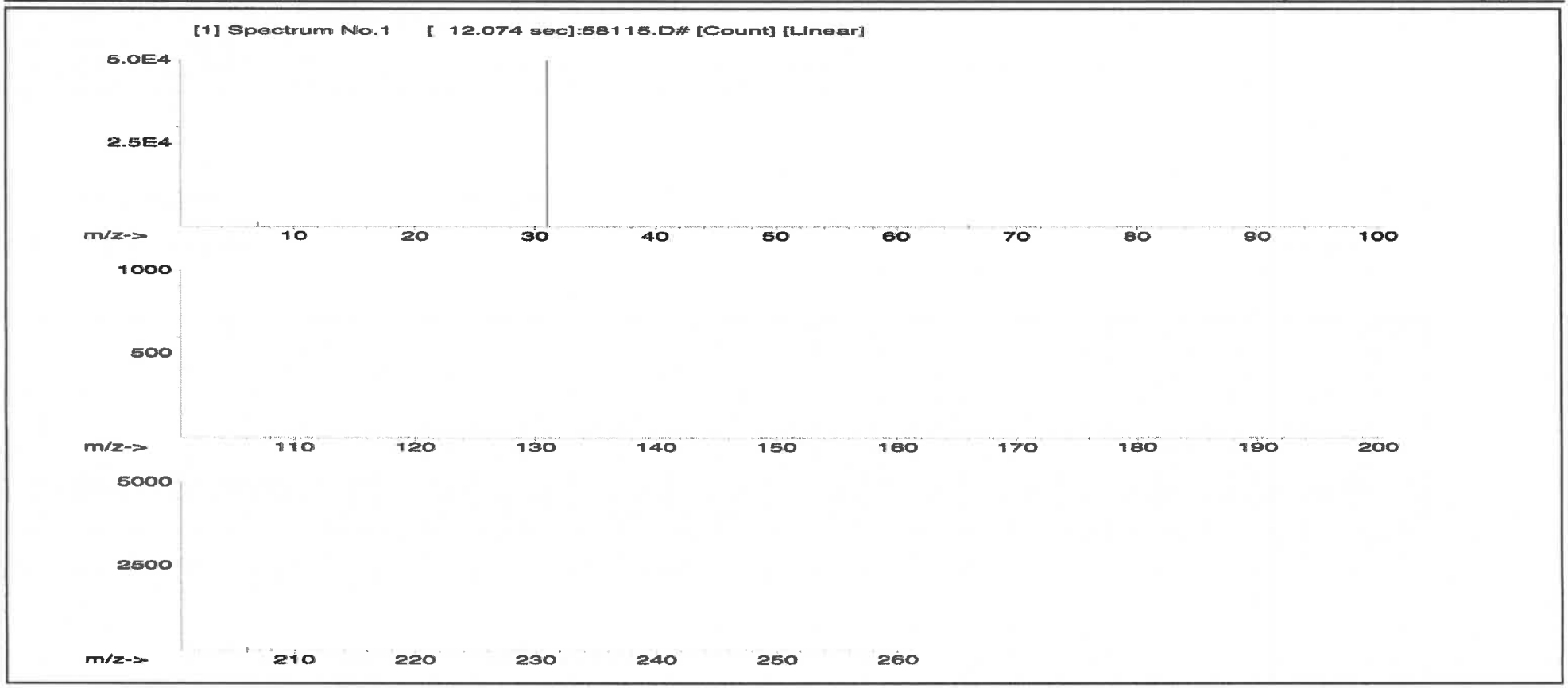
CERTIFIED WEIGHT REPORT:

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.

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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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M5961 R: 6/11/24

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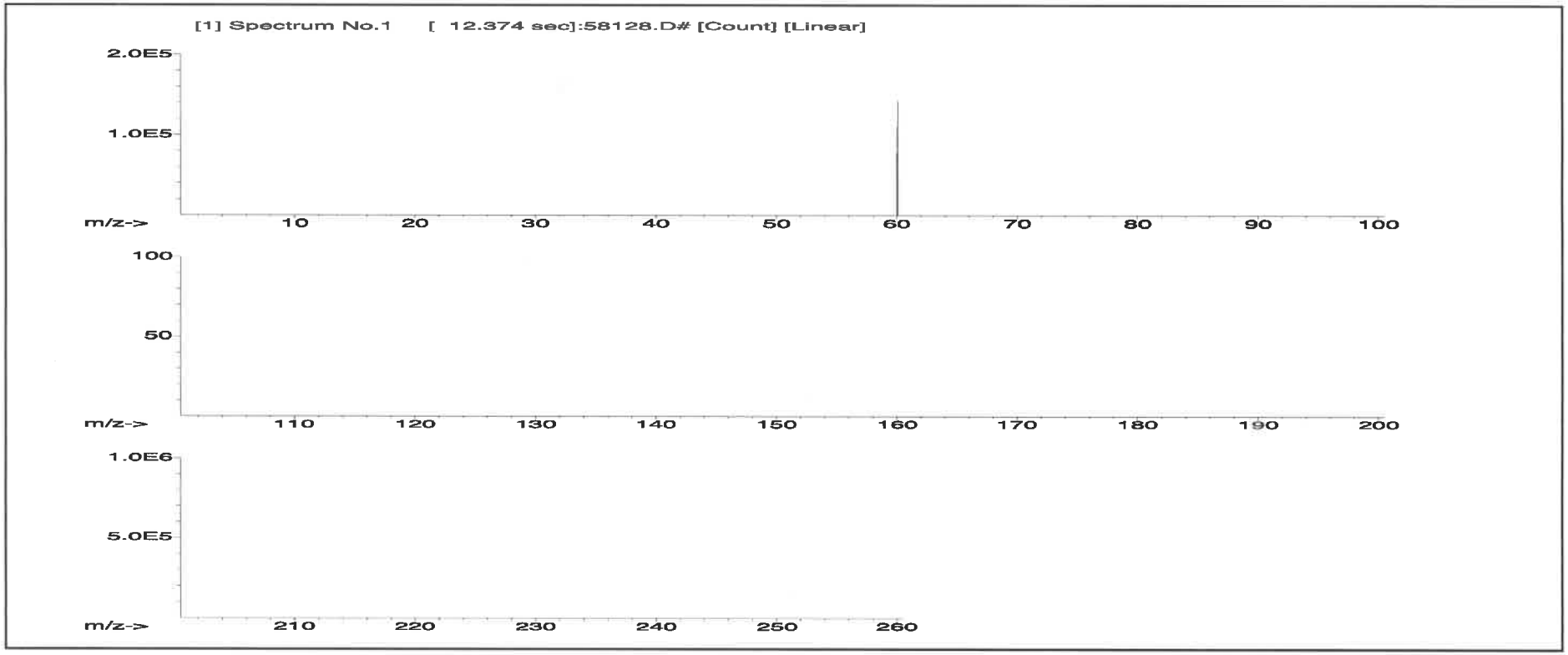
CERTIFIED WEIGHT REPORT:

			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.

* 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

M5962 R! 06/14/24.

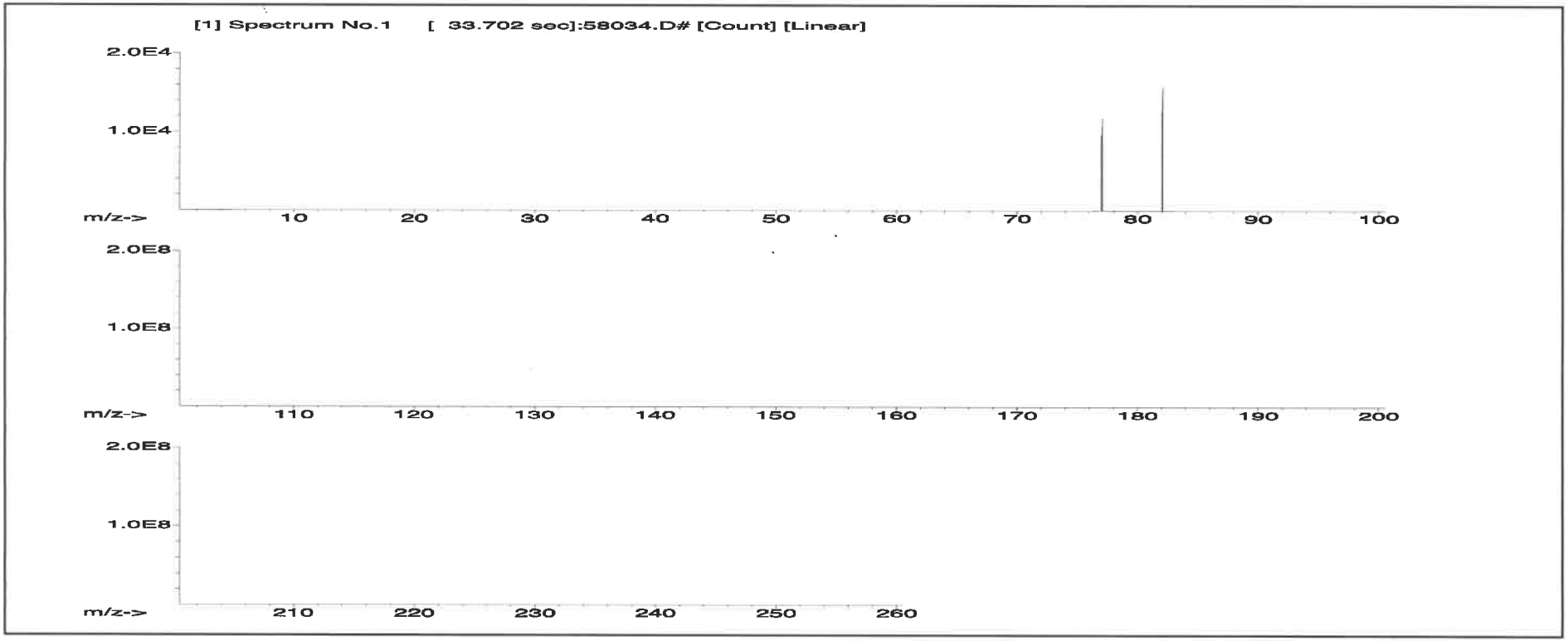
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	24002546	Nitric Acid	
Lot Number:	**060624**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060627			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certificate of Analysis

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation

Certificate Approved By:

Michael Booth
Director, Technical

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

M5978, M5979

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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:

$X_{CRM/RM} = \Sigma(w_i)(\bar{x}_i)$

$\bar{x}_i$ = 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:

$X_{CRM/RM} = (\bar{x}_a)\ (u_{char\ a})$

$\bar{x}_a$ = 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)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5981 R:6/11/24

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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	

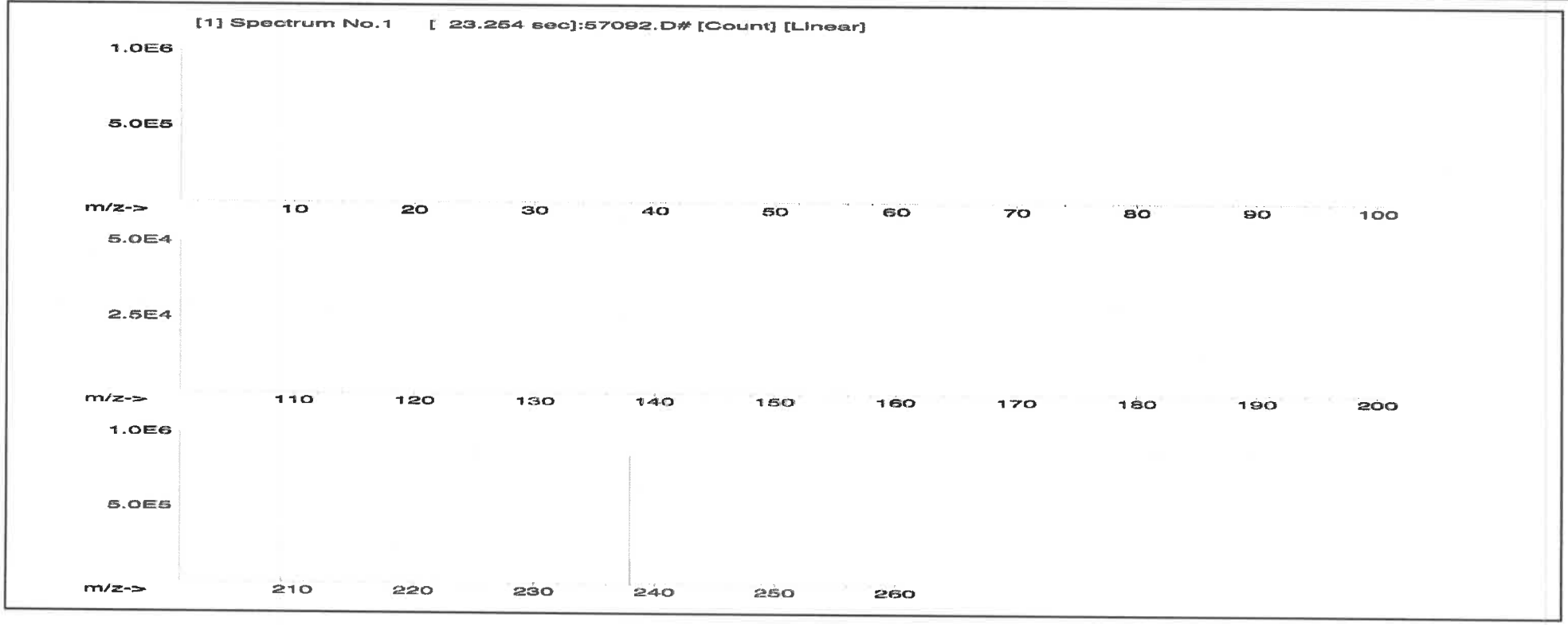
Giovanni Esposito

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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Certified Reference Material CRM

45982 R: 6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

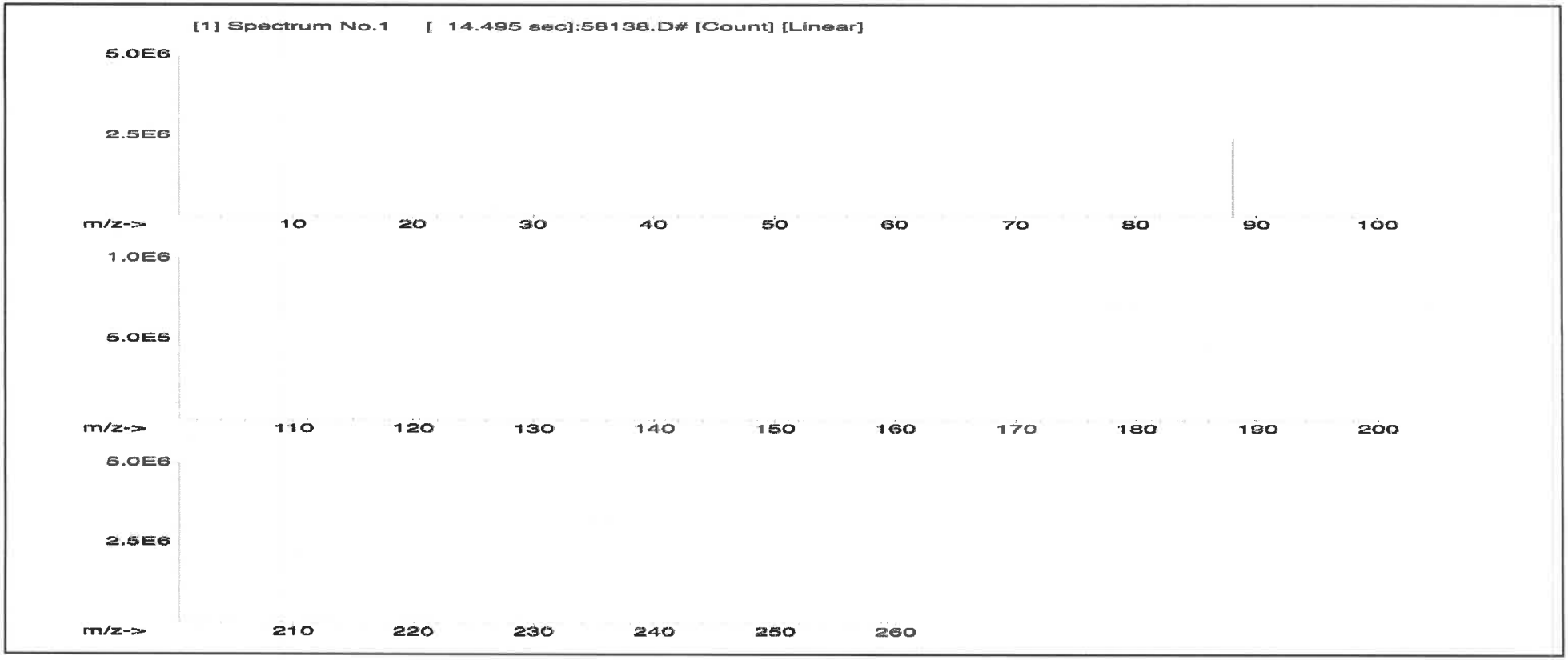
Part Number: 57038
Lot Number: 031524
Description: Strontium (Sr)

Expiration Date: 031527
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.07

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
5E-05	Balance Uncertainty		
0.100	Flask Uncertainty		

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5983 R: 6/11/24

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AR-1539 Certificate Number
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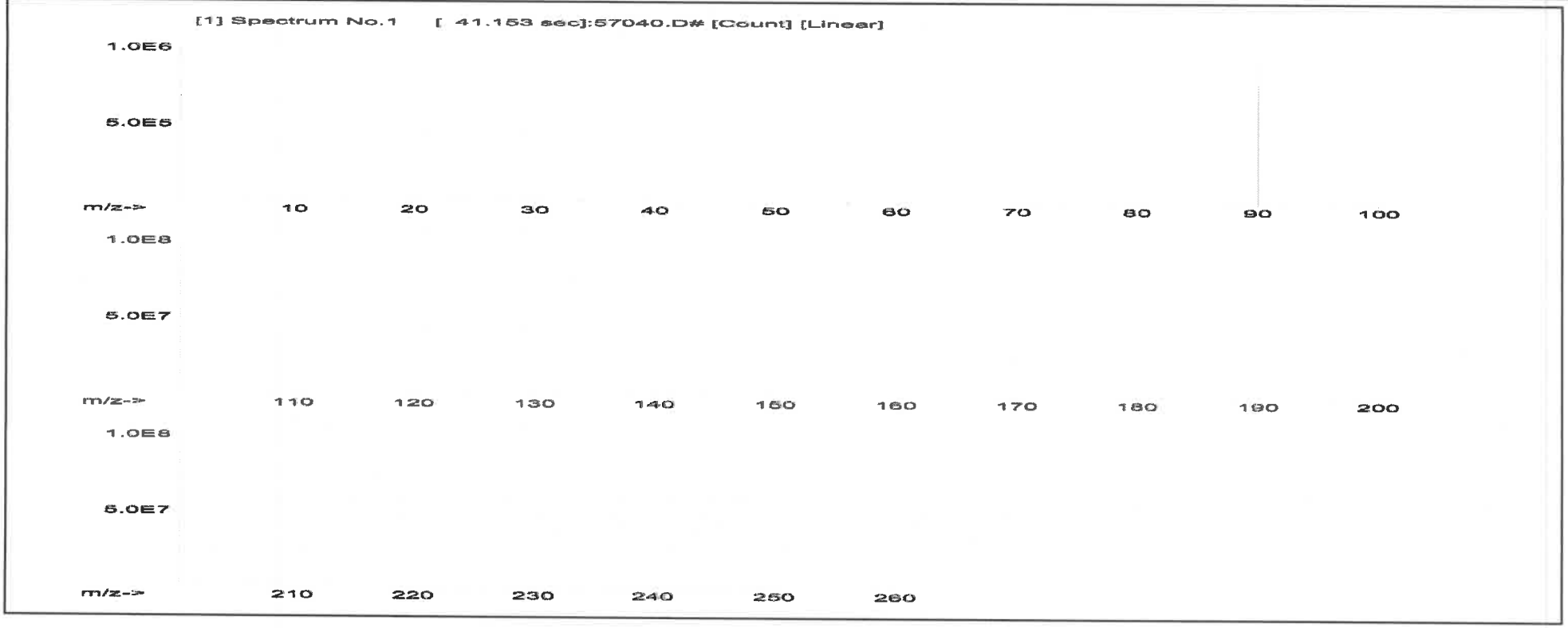
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	57040	21110221	Nitric Acid	
Lot Number:	071423			
Description:	Zirconium (Zr)	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071426			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071423
Reviewed By:	Pedro L. Rentas	071423

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zirconyl chloride octahydrate (Zr)	58140	070621	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	13520-92-8	NA	NA	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* 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

R: 01/03/24 M6033

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

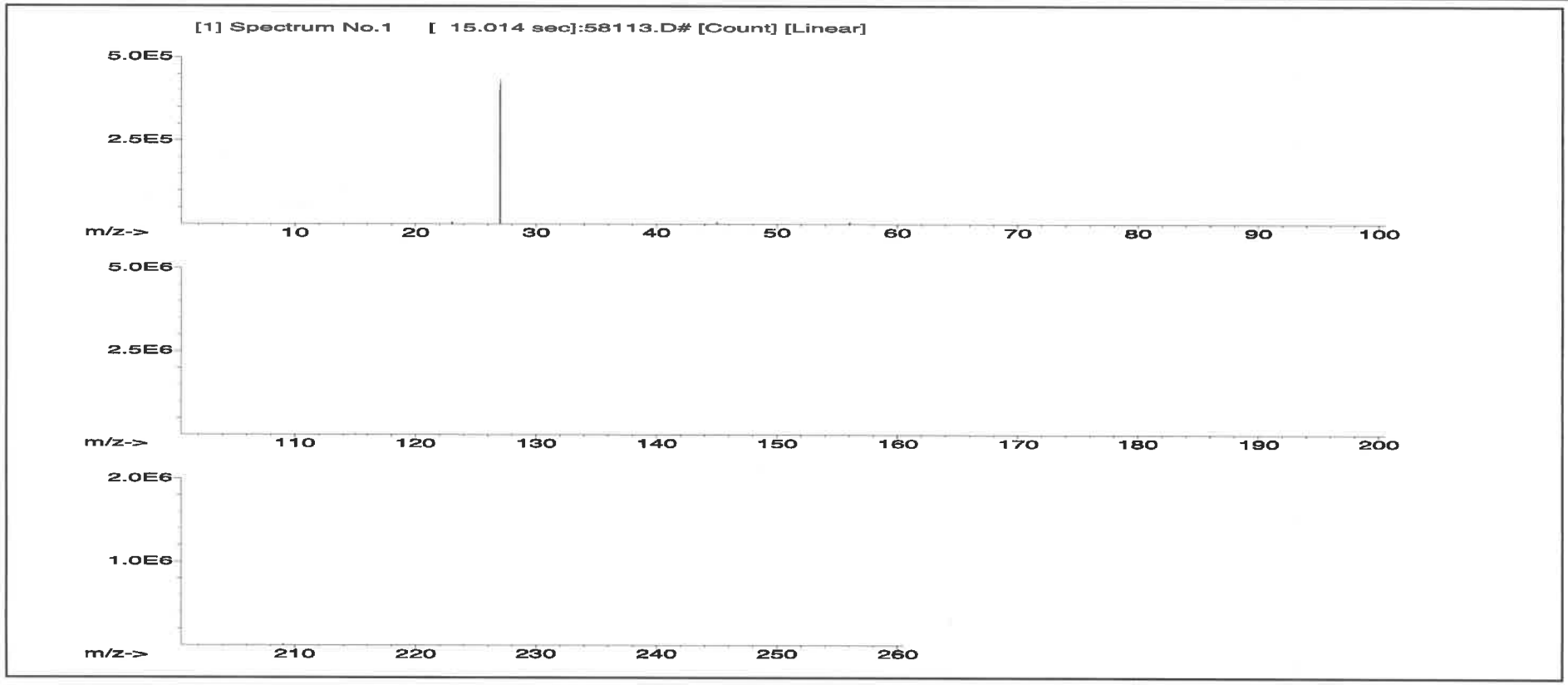
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05 Balance Uncertainty			
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

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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

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

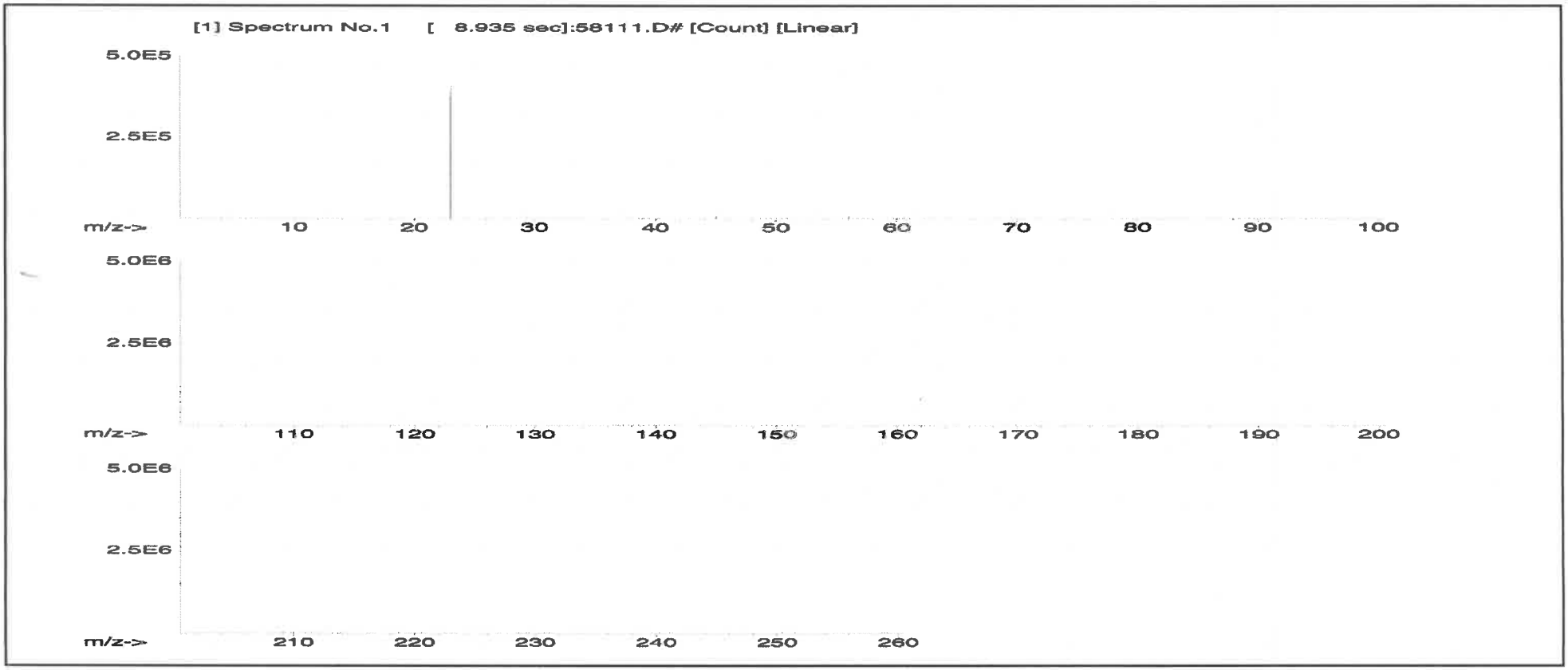
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

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

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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:	6020ISS
Lot Number:	S2-MEB709511
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
6-Lithium, Li6	10.00 ± 0.03 µg/mL	Bismuth, Bi	10.00 ± 0.05 µg/mL
Holmium, Ho	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.04 µg/mL
Rhodium, Rh	10.00 ± 0.07 µg/mL	Scandium, Sc	10.00 ± 0.04 µg/mL
Terbium, Tb	10.00 ± 0.04 µg/mL	Yttrium, Y	10.00 ± 0.04 µg/mL

Density: 1.035 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Bi	ICP Assay	3106	180815
Bi	Calculated		See Sec. 4.2
Ho	ICP Assay	3123a	090408
Ho	EDTA	928	928
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li6	Gravimetric		See Sec. 4.2
Rh	ICP Assay	3144	070619
Sc	ICP Assay	3148a	100701
Sc	EDTA	928	928
Tb	ICP Assay	3157a	100518
Tb	EDTA	928	928
Tb	Calculated		See Sec. 4.2
Y	ICP Assay	3167a	120314
Y	EDTA	928	928
Y	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Lithium Li6	95.6 ± 0.3
Lithium Li7	4.4 ± 0.1

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- September 03, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
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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.

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ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

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Certified Reference Material CRM

R: 01/03/24 M5802, M5803

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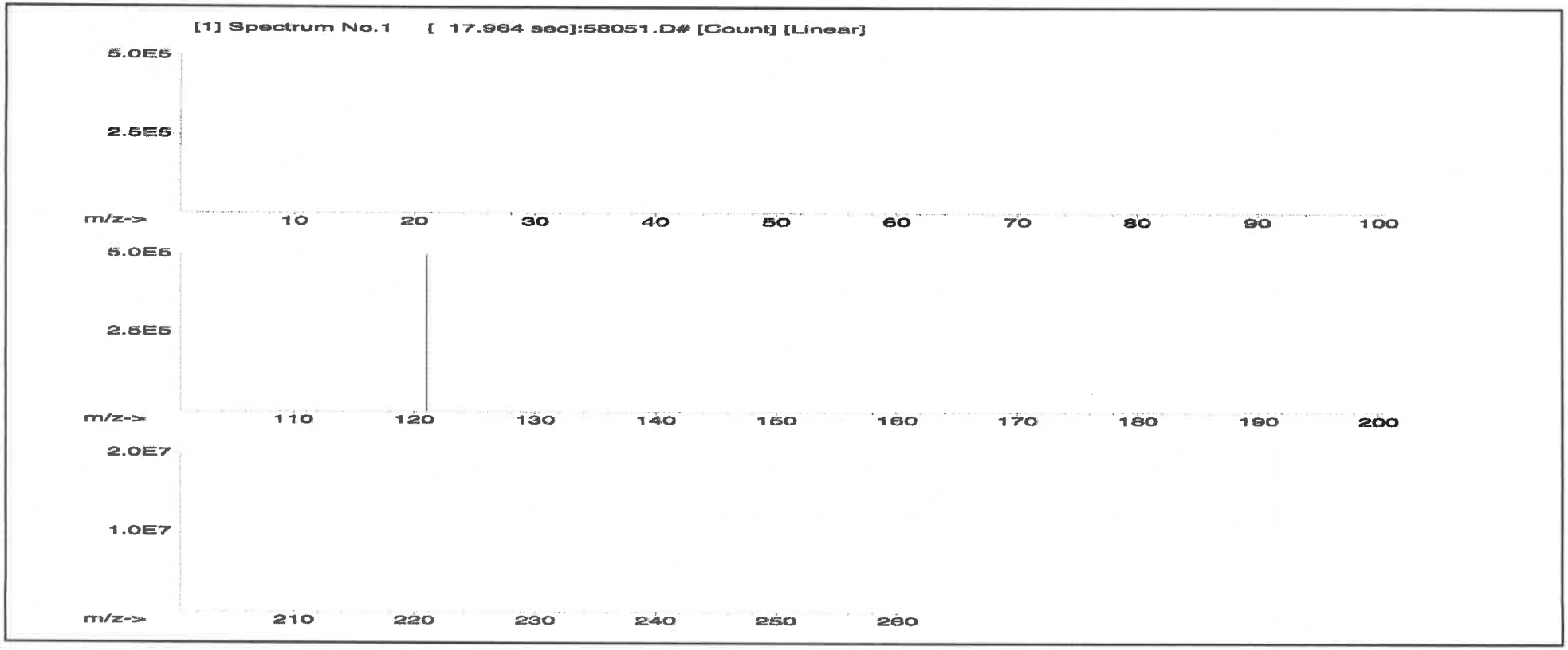
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57051**	24002546	Nitric Acid	
Lot Number:	**120523**			
Description:	**Antimony (Sb)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	120526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M6030

R: 8/5/24

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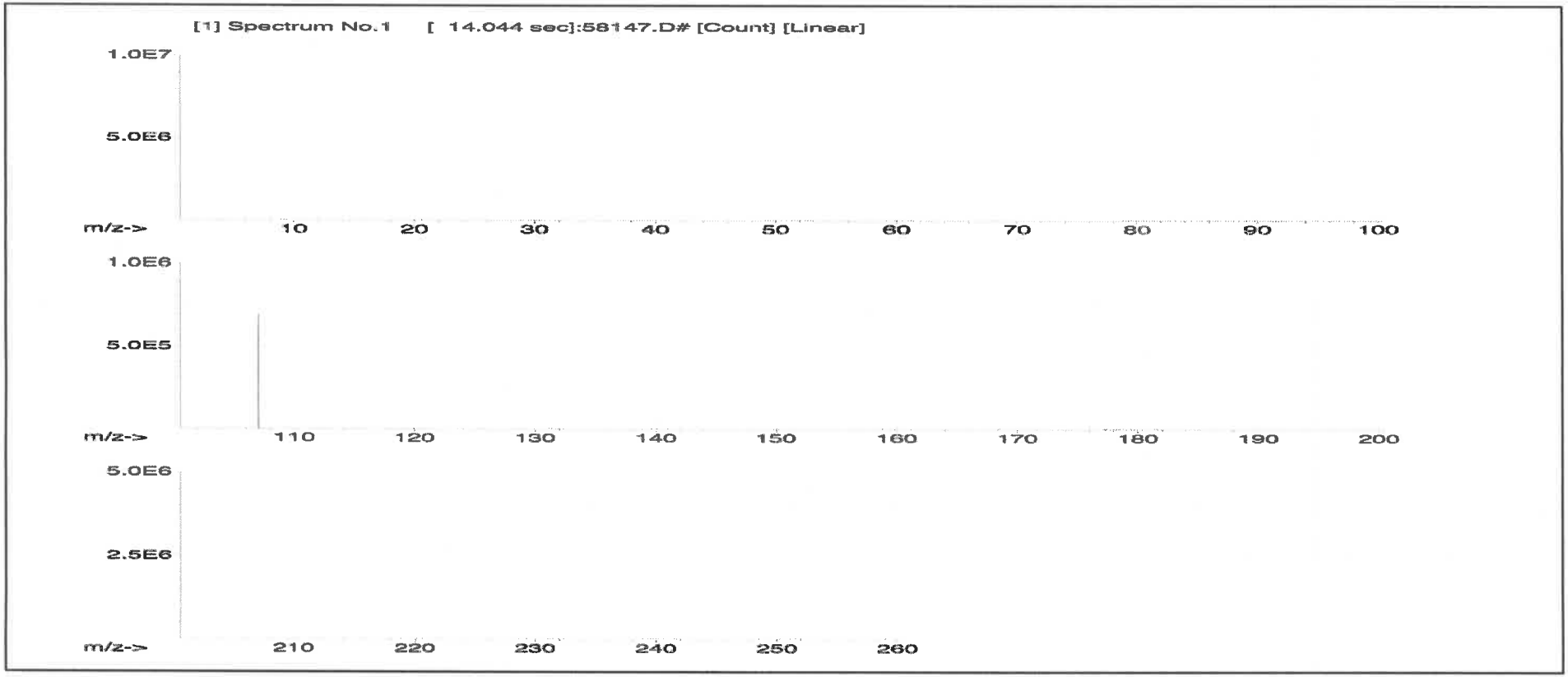
CERTIFIED WEIGHT REPORT:

Part Number:	**57047**			**Lot #**	
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**				
		2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 03/16/23 M5473, M5474, M5475, M5476

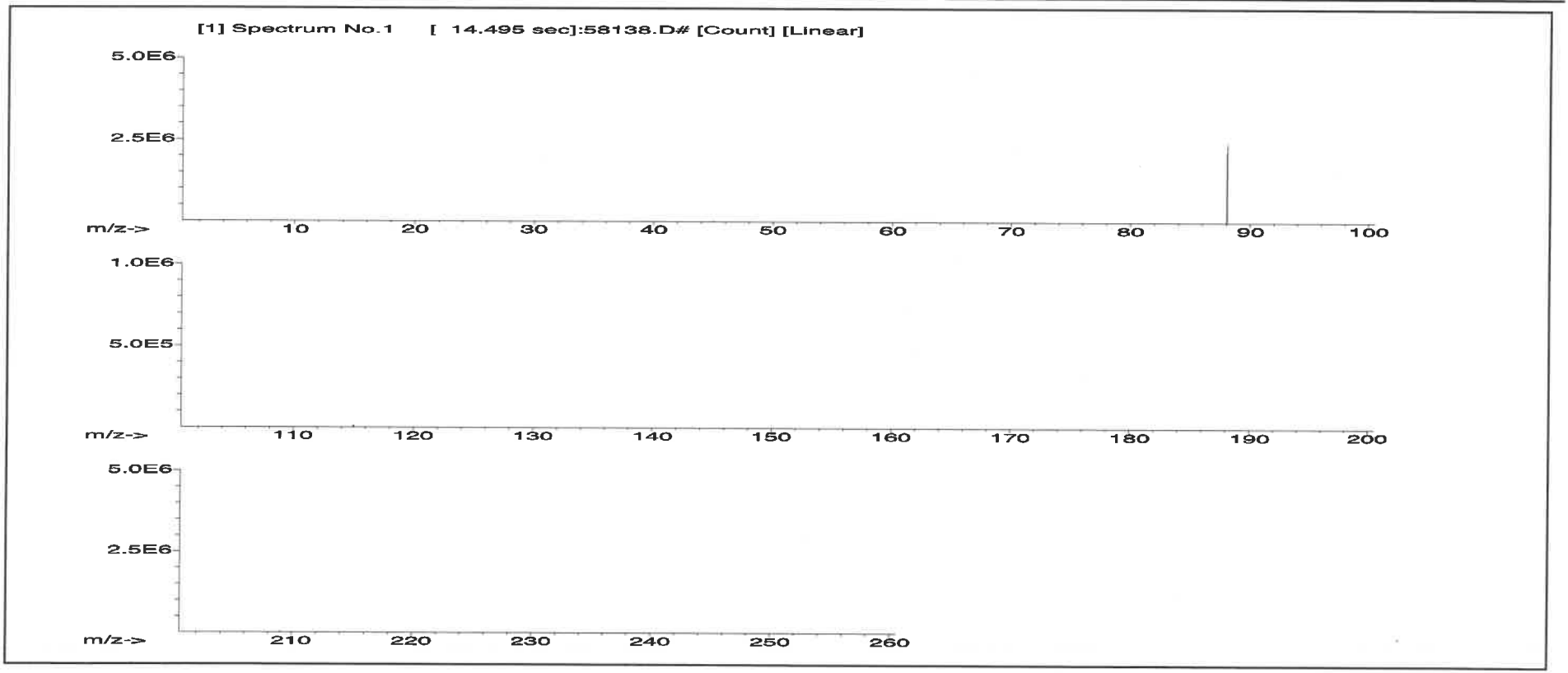
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number:	**56138**		**Lot #**		
Lot Number:	**082922**	**Solvent:**	20510011	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	20.0 (mL)	Nitric Acid	
Expiration Date:	082925				
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):	1000.12	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* 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

R: 03/16/23 M5473, M5474, M5475, M5476

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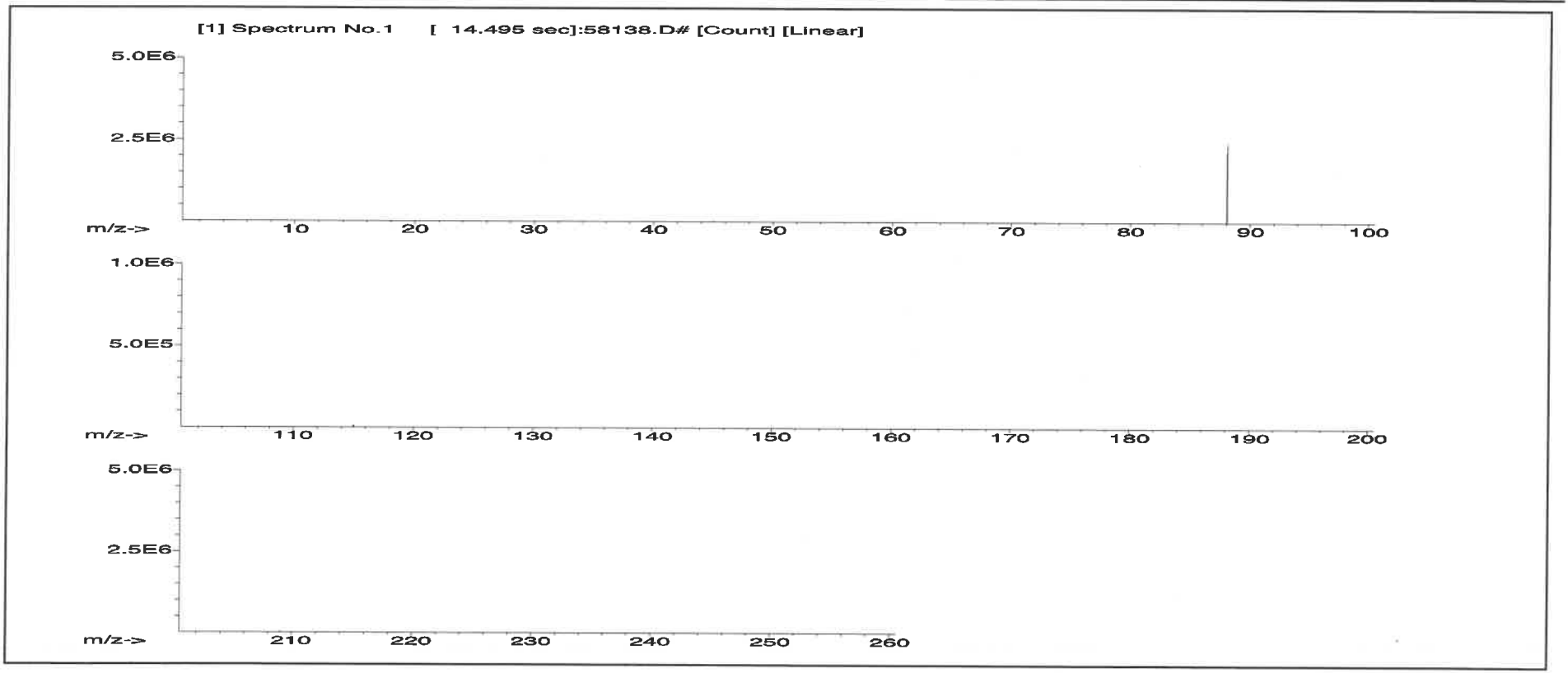
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number:	**56138**		**Lot #**		
Lot Number:	**082922**	**Solvent:**	20510011	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	20.0 (mL)	Nitric Acid	
Expiration Date:	082925				
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):	1000.12	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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M6023

R ! 8/5/24

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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		

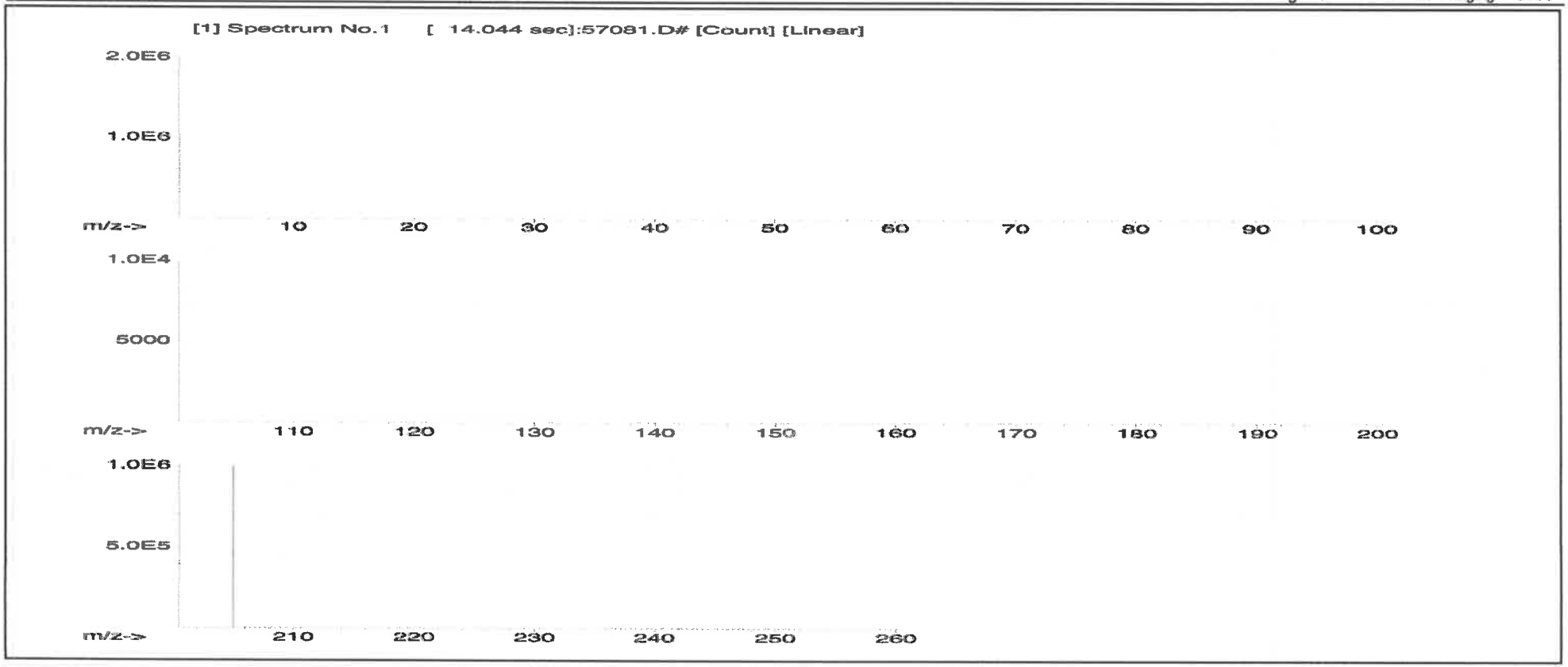
Aleah O'Brady

Formulated By:	Aleah O'Brady	062724

Pedro Rentas

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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Rc. 8/5/24

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**			
Description:	**Vanadium (V)**	24002546	Nitric Acid	
		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	

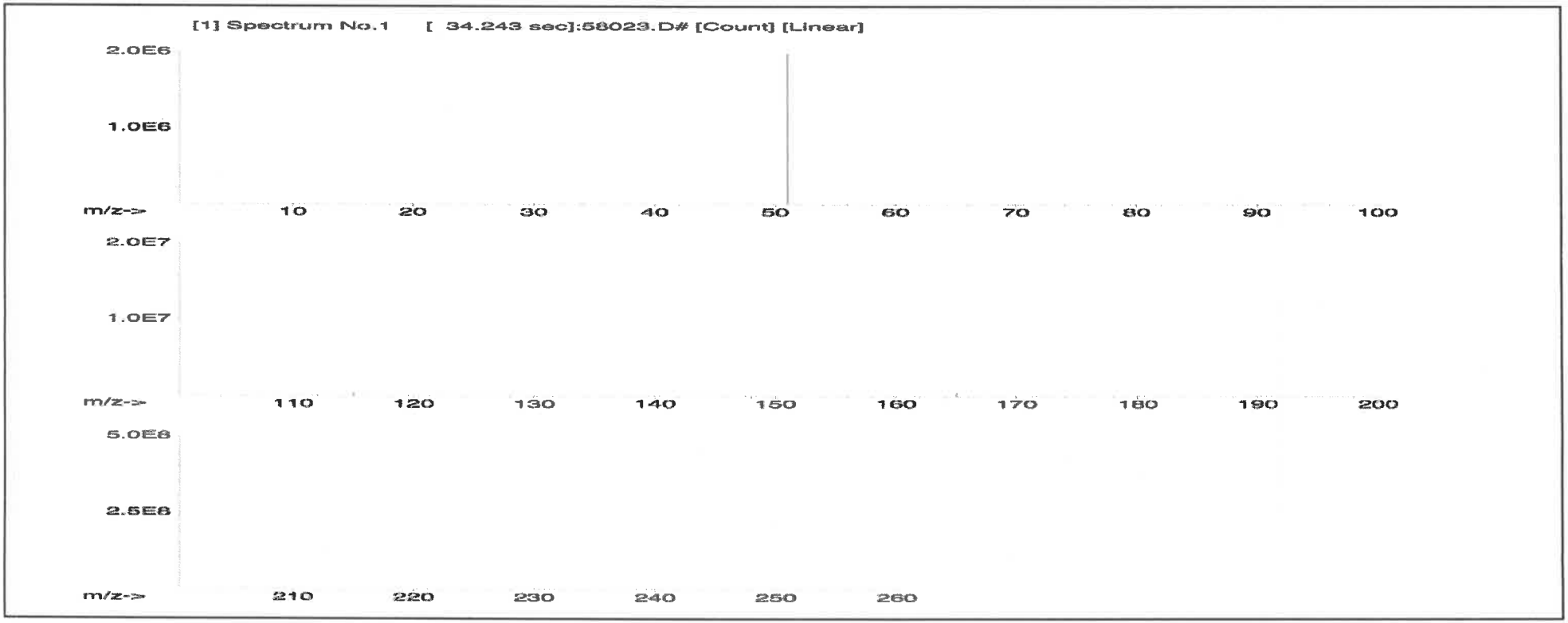
Aleah O'Brady

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:

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Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164269

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYDB42

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 #3 2. N/A

Start Digest Date: 10/19/2024 **Time :** 10:00 **Temp :** 95 °C

End Digest Date: 10/19/2024 **Time :** 13:00 **Temp :** 95 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: JGP

Supervisor Signature:

Temp : 1. 95°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 #3 CELL #34 : 95 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
10/19/24 13:10	jgp / Met dig	(Metals Lab)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164269

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4314-01	MYDB42	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	1
P4314-02	MYDB43	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	2
P4314-03	MYDB44	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	3
P4314-04	MYDB45	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	4
P4314-05	MYDB46	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	5
P4314-06	MYDB47	N/A	1.48	500	Brown	Yellow	Medium	N/A	N/A	6
P4314-07	MYDB48	N/A	1.44	500	Brown	Yellow	Medium	N/A	N/A	7
P4314-08	MYDB49	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	8
P4314-09	MYDB50	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	9
P4314-10	MYDB51	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	10
P4314-10MS	MYDB51MS RE JSP 10/19/24	N/A	1.35	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	11
~~P4314-10MSD~~	~~MYDB51MSD~~ JSP 10/19/24	~~N/A~~	~~N/A~~	~~N/A~~	~~Brown~~	~~Yellow~~	~~Medium~~	~~N/A~~	~~N/A~~	N/A
P4314-11	MYDB51D	N/A	1.45	500	Brown	Yellow	Medium	N/A	N/A	12
P4314-12	MYDB51S	N/A	1.24	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	13
P4314-13	MYDB52	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	14
P4314-14	MYDB53	N/A	1.45	500	Brown	Yellow	Medium	N/A	N/A	15
P4314-15	MYDB54	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	16
P4314-16	MYDB55	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	17
P4314-17	MYDB56	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	18
P4314-18	MYDB57	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	19
P4314-19	MYDB58	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	20
P4314-20	MYDB59	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	21
P4314-21	MYDB60	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	22
P4314-22	MYDB62	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	23
PB164269BL	PBS269	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB164269BS	LCS269	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	25
PB164269BSD	LCSD269	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	26

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # 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	
LCS Standard	MP82583
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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # 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	
LCS Standard	MP82583
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	20X 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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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	
LCS Standard	MP82583
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	20X 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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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

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 use	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

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STD. NAME	STD REF.#
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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

72	P4311-05REDL	MYDAX7	SAM	10/28/24 17:30	Not Use	Jaswal	Not Ok
73	P4311-11REDL	MYDAY3	SAM	10/28/24 17:33	Not Use	Jaswal	Not Ok
74	P4311-14REDL	MYDAY6	SAM	10/28/24 17:36	Not Use	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	Ba,Co,NI,V High in MS RE	Jaswal	Dilution
82	P4314-11	MYDB51D	DUP	10/28/24 18:02	Ba,Co,NI,V High in MS RE	Jaswal	Dilution
83	P4314-10L	MYDB51L	SD	10/28/24 18:05	Ba,Co,NI,V High in MS RE	Jaswal	Dilution
84	P4314-12	MYDB51S	MS	10/28/24 18:09	Ba,Co,NI,V High in MS RE	Jaswal	Dilution
85	P4314-10MS	MYDB51SRE	MS	10/28/24 18:12	MS Fail for As(234.41ppb),Pb(189.74ppb),Ag(1.25ppb), Tl(Below RL)., Ba,Co,NI,V High in	Jaswal	Dilution
86	P4314-13RE	MYDB52	SAM	10/28/24 18:15	Not used	Jaswal	Not 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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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	
LCS Standard	MP82583
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
94	P4314-13	MYDB52	SAM	10/28/24 18:41		Jaswal	OK
95	P4314-14	MYDB53	SAM	10/28/24 18:44		Jaswal	OK
96	P4314-15	MYDB54	SAM	10/28/24 18:47		Jaswal	OK
97	P4314-16	MYDB55	SAM	10/28/24 18:51		Jaswal	OK
98	P4314-17	MYDB56	SAM	10/28/24 18:54		Jaswal	OK
99	P4314-18	MYDB57	SAM	10/28/24 18:57		Jaswal	OK
100	P4314-19	MYDB58	SAM	10/28/24 19:00		Jaswal	OK
101	P4314-20	MYDB59	SAM	10/28/24 19:03		Jaswal	OK
102	P4314-21	MYDB60	SAM	10/28/24 19:07		Jaswal	OK
103	P4314-22	MYDB62	SAM	10/28/24 19:10		Jaswal	OK
104	P4316-01	MYDB73	SAM	10/28/24 19:13		Jaswal	OK
105	P4316-02	MYDB74	SAM	10/28/24 19:16		Jaswal	OK
106	P4316-03	MYDB75	SAM	10/28/24 19:19		Jaswal	OK
107	P4316-04	MYDB76	SAM	10/28/24 19:23		Jaswal	OK
108	P4316-05	MYDB77	SAM	10/28/24 19:26		Jaswal	OK
109	P4316-06	MYDB78	SAM	10/28/24 19:29		Jaswal	OK

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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

110	P4316-07	MYDB79	SAM	10/28/24 19:32		Jaswal	OK
111	P4316-08	MYDB80	SAM	10/28/24 19:35		Jaswal	OK
112	CCV023	CCV023	CCV	10/28/24 19:39		Jaswal	OK
113	CCB023	CCB023	CCB	10/28/24 19:41		Jaswal	OK
114	P4316-09	MYDB81	SAM	10/28/24 19:45		Jaswal	OK
115	P4316-10	MYDB82	SAM	10/28/24 19:48		Jaswal	OK
116	P4316-11	MYDB83	SAM	10/28/24 19:51		Jaswal	OK
117	P4316-12	MYDB84	SAM	10/28/24 19:55		Jaswal	OK
118	P4316-13	MYDB85	SAM	10/28/24 19:58		Jaswal	OK
119	P4316-14	MYDB86	SAM	10/28/24 20:01		Jaswal	OK
120	P4316-15	MYDB87	SAM	10/28/24 20:04		Jaswal	OK
121	P4316-16	MYDB88	SAM	10/28/24 20:08	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
122	P4316-17	MYDB88D	DUP	10/28/24 20:11	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
123	P4316-16L	MYDB88L	SD	10/28/24 20:14	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
124	P4316-18	MYDB88S	MS	10/28/24 20:17	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
125	P4316-16MS	MYDB88SRE	MS	10/28/24 20:21	MS Fail For-Ag(Below RL), Ba,Co,Ni,V High in	Jaswal	Dilution
126	P4316-19	MYDB89	SAM	10/28/24 20:24		Jaswal	OK
127	P4316-20	MYDB90	SAM	10/28/24 20:27		Jaswal	OK
128	P4316-21	MYDB91	SAM	10/28/24 20:30		Jaswal	OK

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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

129	P4316-22	MYDBA8	SAM	10/28/24 20:33		Jaswal	OK
130	P4317-01	MYDB92	SAM	10/28/24 20:36		Jaswal	OK
131	P4317-02	MYDB93	SAM	10/28/24 20:40		Jaswal	OK
132	P4317-03	MYDB94	SAM	10/28/24 20:43		Jaswal	OK
133	P4317-04	MYDB95	SAM	10/28/24 20:46		Jaswal	OK
134	P4317-05	MYDB96	SAM	10/28/24 20:49		Jaswal	OK
135	P4317-06	MYDB97	SAM	10/28/24 20:52		Jaswal	OK
136	P4317-07	MYDB98	SAM	10/28/24 20:56		Jaswal	OK
137	P4317-08	MYDB99	SAM	10/28/24 20:59	Wrong sample	Jaswal	Not Ok
138	P4317-09	MYDBA0	SAM	10/28/24 21:02	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
139	P4317-10	MYDBA0D	DUP	10/28/24 21:05	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
140	CCV024	CCV024	CCV	10/28/24 21:08		Jaswal	OK
141	CCB024	CCB024	CCB	10/28/24 21:11		Jaswal	OK
142	P4317-09L	MYDBA0L	SD	10/28/24 21:15	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
143	P4317-11	MYDBA0S	MS	10/28/24 21:18	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
144	P4317-09MS	MYDBA0SRE	MS	10/28/24 21:21	MS Fail For Pb(170 ppb),Ag(Below RI),Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
145	P4317-12	MYDBA1	SAM	10/28/24 21:24		Jaswal	OK
146	P4317-13	MYDBA2	SAM	10/28/24 21:27		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

147	P4317-14	MYDBA3	SAM	10/28/24 21:30		Jaswal	OK
148	P4317-15	MYDBA4	SAM	10/28/24 21:34		Jaswal	OK
149	P4317-16	MYDBA5	SAM	10/28/24 21:37		Jaswal	OK
150	ICSA005	ICSA005	ICSA	10/28/24 21:41		Jaswal	OK
151	ICSAB005	ICSAB005	ICSAB	10/28/24 21:45		Jaswal	OK
152	CCV025	CCV025	CCV	10/28/24 21:51		Jaswal	OK
153	CCB025	CCB025	CCB	10/28/24 21:54		Jaswal	OK
154	P4317-17	MYDBA6	SAM	10/28/24 21:57		Jaswal	OK
155	P4317-18	MYDBA7	SAM	10/28/24 22:00		Jaswal	OK
156	P4317-19	MYDBA9	SAM	10/28/24 22:03		Jaswal	OK
157	P4317-20	MYDBB0	SAM	10/28/24 22:07		Jaswal	OK
158	P4317-21	MYDBB1	SAM	10/28/24 22:10		Jaswal	OK
159	P4317-22	MYDBB2	SAM	10/28/24 22:13		Jaswal	OK
160	P4318-01	MYDB12	SAM	10/28/24 22:16		Jaswal	OK
161	P4318-02	MYDB13	SAM	10/28/24 22:19		Jaswal	OK
162	P4318-03	MYDB14	SAM	10/28/24 22:22		Jaswal	OK
163	P4318-04	MYDB15	SAM	10/28/24 22:26		Jaswal	OK
164	P4318-05	MYDB16	SAM	10/28/24 22:29		Jaswal	OK
165	P4318-06	MYDB18	SAM	10/28/24 22:32		Jaswal	OK
166	P4318-07	MYDB19	SAM	10/28/24 22:35		Jaswal	OK

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CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

167	P4318-08	MYDB20	SAM	10/28/24 22:39		Jaswal	OK
168	P4318-09	MYDB21	SAM	10/28/24 22:42		Jaswal	OK
169	P4318-10	MYDB22	SAM	10/28/24 22:45		Jaswal	OK
170	P4318-11	MYDB63	SAM	10/28/24 22:48		Jaswal	OK
171	P4318-12	MYDB64	SAM	10/28/24 22:51		Jaswal	OK
172	CCV026	CCV026	CCV	10/28/24 22:55		Jaswal	OK
173	CCB026	CCB026	CCB	10/28/24 22:57		Jaswal	OK
174	P4318-13	MYDB65	SAM	10/28/24 23:01		Jaswal	OK
175	P4318-14	MYDB66	SAM	10/28/24 23:04		Jaswal	OK
176	P4318-15	MYDB67	SAM	10/28/24 23:07		Jaswal	OK
177	P4318-16	MYDB68	SAM	10/28/24 23:10		Jaswal	OK
178	P4318-17	MYDB69	SAM	10/28/24 23:14		Jaswal	OK
179	P4318-18	MYDB70	SAM	10/28/24 23:17		Jaswal	OK
180	P4318-19	MYDB71	SAM	10/28/24 23:20		Jaswal	OK
181	P4318-20	MYDB72	SAM	10/28/24 23:23	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
182	P4318-21	MYDB72D	DUP	10/28/24 23:27	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
183	P4318-20L	MYDB72L	SD	10/28/24 23:30	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
184	P4318-22	MYDB72S	MS	10/28/24 23:33	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
185	P4318-20MS	MYDB72SRE	MS	10/28/24 23:36	Need PS- MS Fail Ag(Below RI),Ba,Co,Ni,V High	Jaswal	Dilution

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

186	PB164318BL	PBS318	MB	10/28/24 23:39		Jaswal	OK
187	PB164318BS	LCS318	LCS	10/28/24 23:43		Jaswal	OK
188	P4387-01	MH2GH8	SAM	10/28/24 23:46		Jaswal	OK
189	P4387-02	MH2GH9	SAM	10/28/24 23:49		Jaswal	OK
190	P4387-03	MH2GJ0	SAM	10/28/24 23:52		Jaswal	OK
191	P4387-04	MH2GJ0D	DUP	10/28/24 23:56		Jaswal	OK
192	P4387-03L	MH2GJ0L	SD	10/28/24 23:59		Jaswal	OK
193	P4387-05	MH2GJ0S	MS	10/29/24 00:02		Jaswal	OK
194	P4387-06	MH2GJ1	SAM	10/29/24 00:05		Jaswal	OK
195	P4387-07	MH2GJ2	SAM	10/29/24 00:09		Jaswal	OK
196	P4387-08	MH2GJ3	SAM	10/29/24 00:12		Jaswal	OK
197	P4387-09	MH2GJ4	SAM	10/29/24 00:15		Jaswal	OK
198	P4387-10	MH2GJ5	SAM	10/29/24 00:18		Jaswal	OK
199	P4387-11	MH2GJ6	SAM	10/29/24 00:21		Jaswal	OK
200	CCV027	CCV027	CCV	10/29/24 00:27		Jaswal	OK
201	CCB027	CCB027	CCB	10/29/24 00:30		Jaswal	OK
202	P4387-12	MH2GJ7	SAM	10/29/24 00:33		Jaswal	OK
203	P4387-13	MH2GJ8	SAM	10/29/24 00:37		Jaswal	OK
204	P4387-14	MH2GJ9	SAM	10/29/24 00:40		Jaswal	OK
205	P4387-15	MH2GK0	SAM	10/29/24 00:43		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	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

206	PB164276BL	PBS276	MB	10/29/24 00:46		Jaswal	OK
207	PB164276BS	LCS276	LCS	10/29/24 00:49		Jaswal	OK
208	PB164276BSD	LCSD276	LCSD	10/29/24 00:53		Jaswal	OK
209	PB164279BL	PBS279	MB	10/29/24 00:56	Not Use	Jaswal	Not Ok
210	PB164279BS	LCS279	LCS	10/29/24 00:59	Not Use	Jaswal	Not Ok
211	PB164279BSD	LCSD279	LCSD	10/29/24 01:03	Not Use	Jaswal	Not Ok
212	PB164281BL	PBS281	MB	10/29/24 01:06	Not Use	Jaswal	Not Ok
213	PB164281BS	LCS281	LCS	10/29/24 01:10	Not Use	Jaswal	Not Ok
214	PB164281BSD	LCSD281	LCSD	10/29/24 01:13	Not Use	Jaswal	Not Ok
215	P4331-01	MYDBB4	SAM	10/29/24 01:16		Jaswal	OK
216	P4331-02	MYDBB5	SAM	10/29/24 01:19		Jaswal	OK
217	P4331-03	MYDBB6	SAM	10/29/24 01:22		Jaswal	OK
218	P4331-04	MYDBB7	SAM	10/29/24 01:26	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
219	P4331-05	MYDBB7D	DUP	10/29/24 01:29	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
220	P4331-04L	MYDBB7L	SD	10/29/24 01:32	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
221	P4331-06	MYDBB7S	MS	10/29/24 01:35	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
222	P4331-04MS	MYDBB7SRE	MS	10/29/24 01:38	MS fail for Ag(4.1 ppb),Ba,Co,Ni,V High	Jaswal	Dilution
223	P4331-07	MYDBB8	SAM	10/29/24 01:41		Jaswal	OK
224	P4331-08	MYDBB9	SAM	10/29/24 01:44		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	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

225	P4331-09	MYDBC0	SAM	10/29/24 01:47		Jaswal	OK
226	CCV028	CCV028	CCV	10/29/24 01:51		Jaswal	OK
227	CCB028	CCB028	CCB	10/29/24 01:53		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB133196

Review By	Sarabjit Jaswal	Review On	10/29/2024 8:26:02 PM
Supervise By	Mohan Bera	Supervise On	10/29/2024 8:26:44 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	TUNE006	TUNE	10/29/24 17:38		Jaswal	OK
2	S00	S0	CAL1	10/29/24 18:13		Jaswal	OK
3	S02	S02	CAL3	10/29/24 18:19		Jaswal	OK
4	S03	S03	CAL4	10/29/24 18:22		Jaswal	OK
5	S04	S04	CAL5	10/29/24 18:26		Jaswal	OK
6	S05	S05	CAL6	10/29/24 18:29		Jaswal	OK
7	S06	S06	CAL7	10/29/24 18:31		Jaswal	OK
8	S07	S07	CAL8	10/29/24 18:34		Jaswal	OK
9	S08	S08	CAL9	10/29/24 18:37		Jaswal	OK
10	ICV006	ICV006	ICV	10/29/24 18:42		Jaswal	OK
11	ICB006	ICB006	ICB	10/29/24 18:45		Jaswal	OK
12	ICSA006	ICSA006	ICSA	10/29/24 18:49		Jaswal	OK
13	ICSAB006	ICSAB006	ICSAB	10/29/24 18:52		Jaswal	OK
14	CCV029	CCV029	CCV	10/29/24 18:55		Jaswal	OK
15	CCB029	CCB029	CCB	10/29/24 18:58		Jaswal	OK
16	PB164339BL	PBW339	MB	10/29/24 19:01		Jaswal	OK
17	PB164339BS	LCS339	LCS	10/29/24 19:04		Jaswal	OK
18	P4322-01	MYD0L6	SAM	10/29/24 19:07		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/29/2024 8:26:44 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

19	P4322-02	MYD0Y6	SAM	10/29/24 19:11		Jaswal	OK
20	P4322-03	MYD0Y8	SAM	10/29/24 19:14		Jaswal	OK
21	P4322-04	MYD035	SAM	10/29/24 19:17		Jaswal	OK
22	P4322-05	MYD036	SAM	10/29/24 19:21		Jaswal	OK
23	P4322-06	MYD038	SAM	10/29/24 19:24		Jaswal	OK
24	P4322-07	MYDD00	SAM	10/29/24 19:27		Jaswal	OK
25	P4322-08	MYDD01	SAM	10/29/24 19:30		Jaswal	OK
26	P4322-09	MYDD02	SAM	10/29/24 19:34		Jaswal	OK
27	P4322-10	MYDD03	SAM	10/29/24 19:37		Jaswal	OK
28	CCV030	CCV030	CCV	10/29/24 19:40		Jaswal	OK
29	CCB030	CCB030	CCB	10/29/24 19:43		Jaswal	OK
30	P4314-10DL	MYDB51	SAM	10/29/24 19:47	4X for Ba,Co,Ni,V	Jaswal	Confirms
31	P4314-11DL	MYDB51D	DUP	10/29/24 19:50	4X for Ba,Co,Ni,V	Jaswal	Confirms
32	P4314-10LDL	MYDB51L	SD	10/29/24 19:53	20X for Ba,Co,Ni,V	Jaswal	Confirms
33	P4314-12DL	MYDB51S	MS	10/29/24 19:56	4X for Ba,Co,Ni,V	Jaswal	Confirms
34	P4314-10MSDL	MYDB51SRE	MS	10/29/24 20:00	4X for Ba,Co,Ni,V	Jaswal	Confirms
35	P4314-10A	MYDB51ARE	PS	10/29/24 20:06	PS for As-0.0047ml(M5801),Pb-0.0038ml(M6026),Ag-0.02ml(MP82908),Tl-0.021ml(MP82960)-10ml	Jaswal	OK
36	P4316-16DL	MYDB88	SAM	10/29/24 20:09	4X for Ba,Co,Ni,V	Jaswal	Confirms

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Supervise By	Mohan Bera	Supervise On	10/29/2024 8:26:44 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

37	P4316-17DL	MYDB88D	DUP	10/29/24 20:12	4X for Ba,Co,Ni,V	Jaswal	Confirms
38	P4316-16LDL	MYDB88L	SD	10/29/24 20:16	20X for Ba,Co,Ni,V	Jaswal	Confirms
39	P4316-18DL	MYDB88S	MS	10/29/24 20:19	4X for Ba,Co,Ni,V	Jaswal	Confirms
40	P4316-16MSDL	MYDB88SRE	MS	10/29/24 20:22	4X for Ba,Co,Ni,V	Jaswal	Confirms
41	P4316-16A	MYDB88ARE	PS	10/29/24 20:25	PS for Ag-0.02ml(MP82908)-10ml	Jaswal	OK
42	P4317-09DL	MYDBA0	SAM	10/29/24 20:28	4X for Ba,Co,Ni,V	Jaswal	Confirms
43	P4317-10DL	MYDBA0D	DUP	10/29/24 20:32	4X for Ba,Co,Ni,V	Jaswal	Confirms
44	P4317-09LDL	MYDBA0L	SD	10/29/24 20:35	20X for Ba,Co,Ni,V	Jaswal	Confirms
45	P4317-11DL	MYDBA0S	MS	10/29/24 20:38	4X for Ba,Co,Ni,V	Jaswal	Confirms
46	P4317-09MSDL	MYDBA0SRE	MS	10/29/24 20:41	4X for Ba,Co,Ni,V	Jaswal	Confirms
47	P4317-08DL	MYDB99	SAM	10/29/24 20:45	Not Used	Jaswal	Not Ok
48	P4317-09A	MYDBA0ARE	PS	10/29/24 20:48	PS for Pb-0.0034ml(M6026),Ag-0.02ml(MP82908)-10ml	Jaswal	OK
49	P4318-20DL	MYDB72	SAM	10/29/24 20:51	4X for Ba,Co,Ni,V	Jaswal	Confirms
50	P4318-21DL	MYDB72D	DUP	10/29/24 20:54	4X for Ba,Co,Ni,V	Jaswal	Confirms
51	P4318-20LDL	MYDB72L	SD	10/29/24 20:57	4X for Ba,Co,Ni,V	Jaswal	Confirms
52	P4318-22DL	MYDB72S	MS	10/29/24 21:01	4X for Ba,Co,Ni,V	Jaswal	Confirms
53	P4318-20MSDL	MYDB72SRE	MS	10/29/24 21:04	4X for Ba,Co,Ni,V	Jaswal	Confirms
54	P4318-20A	MYDB72ARE	PS	10/29/24 21:07	PS for Ag-0.02ml(MP82908)-10ml	Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/29/2024 8:26:44 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

55	P4317-08	MYDB99	SAM	10/29/24 21:10		Jaswal	OK
56	CCV031	CCV031	CCV	10/29/24 21:13		Jaswal	OK
57	CCB031	CCB031	CCB	10/29/24 21:16		Jaswal	OK
58	PB164279BS	LCS279	LCS	10/29/24 21:20		Jaswal	OK
59	PB164279BL	PBS279	MB	10/29/24 21:33		Jaswal	OK
60	PB164279BSD	LCSD279	LCSD	10/29/24 21:36		Jaswal	OK
61	P4331-10	MYDBC1	SAM	10/29/24 21:40		Jaswal	OK
62	P4331-11	MYDBC2	SAM	10/29/24 21:43		Jaswal	OK
63	P4331-12	MYDBC3	SAM	10/29/24 21:46		Jaswal	OK
64	P4331-13	MYDBC4	SAM	10/29/24 21:49		Jaswal	OK
65	P4331-14	MYDBC5	SAM	10/29/24 21:52		Jaswal	OK
66	P4331-15	MYDBC6	SAM	10/29/24 21:55		Jaswal	OK
67	P4331-16	MYDBC7	SAM	10/29/24 21:58		Jaswal	OK
68	P4331-17	MYDBC8	SAM	10/29/24 22:02		Jaswal	OK
69	P4331-18	MYDBC9	SAM	10/29/24 22:05		Jaswal	OK
70	P4331-19	MYDBD0	SAM	10/29/24 22:08		Jaswal	OK
71	P4331-20	MYDBD1	SAM	10/29/24 22:11		Jaswal	OK
72	P4331-21	MYDBD2	SAM	10/29/24 22:14		Jaswal	OK
73	P4331-22	MYDBD3	SAM	10/29/24 22:17		Jaswal	OK
74	PB164281BL	PBS281	MB	10/29/24 22:20		Jaswal	OK

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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

75	PB164281BS	LCS281	LCS	10/29/24 22:23		Jaswal	OK
76	CCV032	CCV032	CCV	10/29/24 23:07		Jaswal	OK
77	CCB032	CCB032	CCB	10/29/24 23:10		Jaswal	OK
78	P4332-08	MYDBE1	SAM	10/29/24 23:13	INT_STD 209Bi(1) Fail	Jaswal	Dilution
79	P4332-09	MYDBE2	SAM	10/29/24 23:16		Jaswal	OK
80	P4332-10	MYDBE3	SAM	10/29/24 23:19		Jaswal	OK
81	P4332-11	MYDBE4	SAM	10/29/24 23:22	INT_STD 209Bi(1) Fail	Jaswal	Dilution
82	P4332-12	MYDBE5	SAM	10/29/24 23:25	INT_STD 209Bi(1) Fail	Jaswal	Dilution
83	P4332-13	MYDBE6	SAM	10/29/24 23:28	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
84	P4332-14	MYDBE6D	DUP	10/29/24 23:31	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
85	P4332-13L	MYDBE6L	SD	10/29/24 23:34	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
86	P4332-15	MYDBE6S	MS	10/29/24 23:38	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
87	P4332-13MS	MYDBE6SRE	MS	10/29/24 23:41	Ba,Co,Ni,V High	Jaswal	Dilution
88	P4332-16	MYDBE7	SAM	10/29/24 23:44		Jaswal	OK
89	P4332-17	MYDBE8	SAM	10/29/24 23:47		Jaswal	OK
90	P4332-18	MYDBE9	SAM	10/29/24 23:50		Jaswal	OK
91	P4332-19	MYDBF0	SAM	10/29/24 23:53		Jaswal	OK
92	P4332-20	MYDBF1	SAM	10/29/24 23:56	INT_STD 209Bi(1) Fail	Jaswal	Dilution
93	P4332-21	MYDBF2	SAM	10/29/24 23:59		Jaswal	OK
94	P4332-22	MYDBF3	SAM	10/30/24 00:02	INT_STD 209Bi(1) Fail	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

95	P4333-01	MYDBF4	SAM	10/30/24 00:05		Jaswal	OK
96	P4333-02	MYDBF5	SAM	10/30/24 00:08	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
97	P4333-03	MYDBF5D	DUP	10/30/24 00:11	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
98	P4333-02L	MYDBF5L	SD	10/30/24 00:14	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
99	P4333-04	MYDBF5S	MS	10/30/24 00:17	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
100	P4333-02MS	MYDBF5SRE	MS	10/30/24 00:20	Ba,Co,ni,V High	Jaswal	Dilution
101	P4332-13DL	MYDBE6	SAM	10/30/24 00:23	4X For Ba,Co,Ni,V	Jaswal	Confirms
102	P4332-14DL	MYDBE6D	DUP	10/30/24 00:26	4X For Ba,Co,Ni,V	Jaswal	Confirms
103	P4332-13LDL	MYDBE6L	SD	10/30/24 00:29	20X For Ba,Co,Ni,V	Jaswal	Confirms
104	CCV033	CCV033	CCV	10/30/24 00:33		Jaswal	OK
105	CCB033	CCB033	CCB	10/30/24 00:36		Jaswal	OK
106	P4332-15DL	MYDBE6S	MS	10/30/24 00:39	4X For Ba,Co,Ni,V	Jaswal	Confirms
107	P4332-13MSDL	MYDBE6SRE	MS	10/30/24 00:42	4X For Ba,Co,Ni,V	Jaswal	Confirms
108	P4333-02DL	MYDBF5	SAM	10/30/24 00:45	4X For Ba,Co,Ni,V	Jaswal	Confirms
109	P4333-03DL	MYDBF5D	DUP	10/30/24 00:48	4X For Ba,Co,Ni,V	Jaswal	Confirms
110	P4333-02LDL	MYDBF5L	SD	10/30/24 00:51	20X For Ba,Co,Ni,V	Jaswal	Confirms
111	P4333-04DL	MYDBF5S	MS	10/30/24 00:55	4X For Ba,Co,Ni,V	Jaswal	Confirms
112	P4333-02MSDL	MYDBF5SRE	MS	10/30/24 00:58	4X For Ba,Co,Ni,V	Jaswal	Confirms
113	PB164281BSD	LCSD281	LCSD	10/30/24 01:01		Jaswal	OK
114	P4332-01	MYDBD4	SAM	10/30/24 01:04	INT_STD 209Bi(1) Fail	Jaswal	Dilution

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

115	P4332-02	MYDBD5	SAM	10/30/24 01:07	INT_STD 209Bi(1) Fail	Jaswal	Dilution
116	P4332-03	MYDBD6	SAM	10/30/24 01:10	INT_STD 209Bi(1) Fail, Cu High	Jaswal	Dilution
117	P4332-04	MYDBD7	SAM	10/30/24 01:13	INT_STD 209Bi(1) Fail	Jaswal	Dilution
118	P4332-05	MYDBD8	SAM	10/30/24 01:16	INT_STD 209Bi(1) Fail,Cu,Zn High	Jaswal	Dilution
119	P4332-06	MYDBD9	SAM	10/30/24 01:19		Jaswal	OK
120	P4332-07	MYDBE0	SAM	10/30/24 01:30		Jaswal	OK
121	P4332-08DL	MYDBE1	SAM	10/30/24 01:33	2X For INT_STD209Bi(1)	Jaswal	Confirms
122	P4332-11DL	MYDBE4	SAM	10/30/24 01:36	2X For INT_STD209Bi(1)	Jaswal	Confirms
123	P4332-12DL	MYDBE5	SAM	10/30/24 01:39	2X For INT_STD209Bi(1)	Jaswal	Confirms
124	P4332-20DL	MYDBF1	SAM	10/30/24 01:42	2X For INT_STD209Bi(1)	Jaswal	Confirms
125	P4332-22DL	MYDBF3	SAM	10/30/24 01:45	2X For INT_STD 209Bi(1), Still Fail so Report From Original	Jaswal	Not Ok
126	P4332-13A	MYDBE6ARE	PS	10/30/24 01:48	PS for As,Se,Ag,Zn - As - 0.008-M5801, Se- 0.016 - MP82590 , Ag - 0.024 - MP82908 , Zn - 0.052 - M5819, AS High	Jaswal	Dilution
127	P4332-01DL	MYDBD4	SAM	10/30/24 01:51	2X For INT_STD209Bi(1)	Jaswal	Confirms
128	P4332-02DL	MYDBD5	SAM	10/30/24 01:54	2X For INT_STD209Bi(1)	Jaswal	Confirms
129	P4332-03DL	MYDBD6	SAM	10/30/24 01:57	2X for Cu , 2X For INT_STD 209Bi(1), Still Fail so Report From Original	Jaswal	Confirms
130	P4332-04DL	MYDBD7	SAM	10/30/24 02:00	2X For INT_STD209Bi(1)	Jaswal	Confirms

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133196

Review By	Sarabjit Jaswal	Review On	10/29/2024 8:26:02 PM
Supervise By	Mohan Bera	Supervise On	10/29/2024 8:26:44 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

131	P4332-05DL	MYDBD8	SAM	10/30/24 02:03	2X for Cu ,Zn , 2X For INT_STD 209Bi(1), Still Fail so Report From Original	Jaswal	Confirms
132	P4332-06DL	MYDBD9	SAM	10/30/24 02:06	Not Required	Jaswal	Not Ok
133	P4332-07DL	MYDBE0	SAM	10/30/24 02:09	Not Required	Jaswal	Not Ok
134	P4332-13ADL	MYDBE6ARE	PS	10/30/24 02:12	PS for As - 0.008-M5801	Jaswal	Confirms
135	CCV034	CCV034	CCV	10/30/24 02:15		Jaswal	OK
136	CCB034	CCB034	CCB	10/30/24 02:18		Jaswal	OK